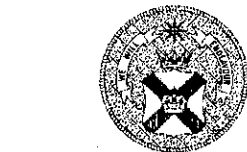


**BIBLIOGRAPHY
OF
IRISH
GEOGRAPHY
1991-1995**

**ANNE BUTTIMER
DENNIS G. PRINGLE**

REF
016.914
15
IRI

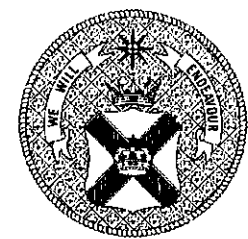


ROYAL IRISH ACADEMY
DUBLIN 1996
NATIONAL COMMITTEE FOR GEOGRAPHY

**BIBLIOGRAPHY
OF
IRISH
GEOGRAPHY**

**ANNE BUTTIMER
DENNIS G. PRINGLE**

**Report to the 28th International Geographical
Congress in The Hague, Netherlands, 1996**



**ROYAL IRISH ACADEMY
DUBLIN 1996**

NATIONAL COMMITTEE FOR GEOGRAPHY

**FOR
REFERENCE ONLY**



Cover by Matthew Stout, updated by Sheila McMorrow

COPYRIGHT © 1996 ROYAL IRISH ACADEMY

ISBN 1 8740445 41 0

Copies of this publication are available from the Royal Irish Academy, 19 Dawson Street, Dublin, 2, Price £5.00 (Ir or Sterling) per copy or £45.00 (Ir or Sterling) for ten.

CONTENTS

	Page	
Part One:	GEOGRAPHY IN IRELAND 1991-1995	2
	Report to the 28th International Geographical Congress in the Hague, Netherlands, August 1996	
Part Two:	UNIVERSITY AND COLLEGE DEPARTMENTS	6
	- St Patrick's College, Maynooth	7
	- The Queen's University of Belfast	8
	- Trinity College, Dublin	10
	- University College, Cork	11
	- University College, Dublin	13
	- University College, Galway	15
	- University of Ulster, Coleraine	16
	- The Open University	18
	- Mary Immaculate College, Limerick	19
	- St Mary's College, Belfast	20
	- St Patrick's College, Drumcondra	21
	- Stranmillis College, Belfast	22
Part Three:	OTHER USEFUL ADDRESSES	23
Part Four:	PUBLICATIONS	25

PART ONE: GEOGRAPHY IN IRELAND, 1991-1995

Report to the 28th International Geographical Congress in the Hague, Netherlands,
August, 1996

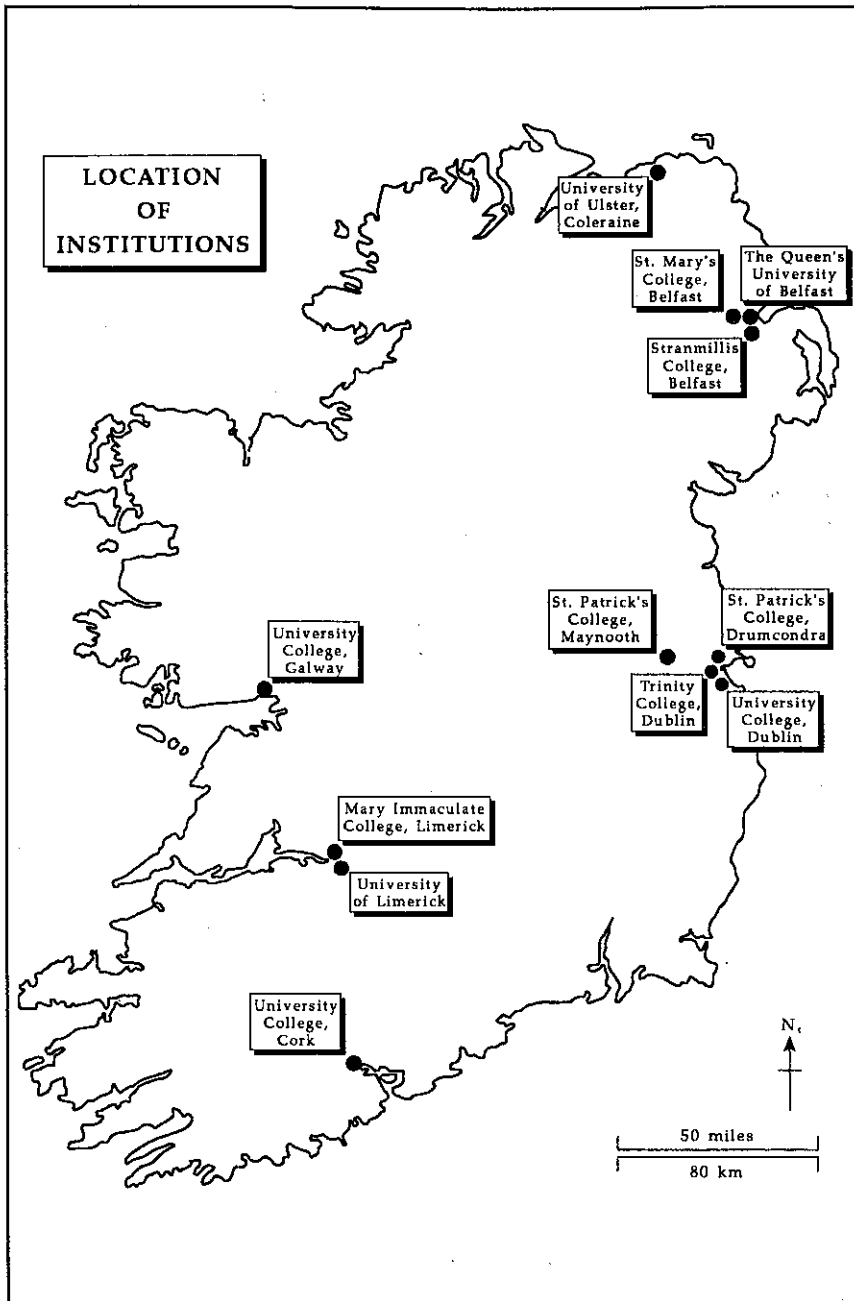
Anne Buttimer and Dennis G. Pringle

This report was prepared for the Irish National Committee for Geography under the auspices of the Royal Irish Academy. The National Committee comprises representatives from each of the universities in which geography is taught in both the Republic of Ireland and Northern Ireland. The Ordnance Survey of Ireland, the Ordnance Survey of Northern Ireland, the Agricultural Institute, the Irish Planning Institute and other bodies (including teacher training colleges) are also represented on the Committee. The present report updates the *Bibliography of Irish Geography 1987-1991*, prepared on behalf of the National Committee for Geography for presentation at the 27th International Geographical Congress in Washington D.C. (1992) by James E. Killen and William J. Smyth. Its structure is modelled on the previous one: Part One offers a general overview on developments in the discipline over the past four years, Part Two provides a directory of third-level geography departments and their current staff, Part Three lists some useful contact addresses, and Part Four lists the publications of geographers working in Ireland during the period 1991 to 1995.

GEOGRAPHICAL EDUCATION IN IRELAND

Five of the seven universities in the Republic of Ireland (St Patrick's College Maynooth, Trinity College Dublin, University College Dublin, University College Cork and University College Galway) currently have departments of geography offering degree courses in geography. The two newer universities (Dublin City University and University of Limerick) do not have departments of geography, but these universities validate degree courses provided by the Departments of Geography in St Patrick's College, Drumcondra, and Mary Immaculate College, Limerick, respectively. Both of the major universities in Northern Ireland (the Queen's University of Belfast and the University of Ulster) offer degree courses in geography. Geography is taught at the University of Ulster within the multidisciplinary School of Environmental Studies at its Coleraine campus. The Department of Geography in the Queen's University of Belfast retains a distinct identity within the School of Geosciences. Queen's University also validates the degree courses in Geography provided by two teacher-training colleges in Belfast (St Mary's College and Stranmillis College). The Open University, which provides degree courses via distance education throughout the United Kingdom, has a regional office in Belfast and an advice centre in Dublin. All four colleges of education (Mary Immaculate College, Limerick, St Mary's College, Belfast, St Patrick's College, Drumcondra, and Stranmillis College) have introduced degree courses in geography during the past four years, and continue to include geography as a significant component in their teacher-training programmes.

In all, these institutions currently employ approximately 100 geographers. Employment in the colleges of education has remained stable over the past four years, but most of the universities have recorded a slight increase in staff numbers. However, the increase in staff numbers has not kept pace with a very rapid increase in student numbers, which, in the Republic, is driven by increasing numbers of school leavers. There has been an equally dramatic increase in postgraduate student numbers, reflecting not only a growing interest in environmental issues, but also the persistently poor employment prospects for students with only a first degree. The number of school leavers should begin to decline in the late 1990s, as a decline in the birth rate in the early 1980s works its way through, but several departments are at present very seriously stretched. The two northern universities (which form part of the UK education system) remain substantially larger in terms of staff and resources,



but student numbers in most of the southern universities are of a similar order of magnitude. So far the southern universities have escaped the administrative quagmire that has been inflicted upon their northern counterparts, but the indications are that the next four years may see a similar bureaucratisation of the southern third-level system in the supposed interests of 'transparency' and 'accountability'.

As elsewhere around the world, there is a marked gender imbalance in current staffing of geography departments in Ireland. Only eighteen of the 100 or so geographers employed in the third-level sector are women. Nine of these are employed on a part-time or temporary basis (indeed females constitute a substantial majority of all staff in these categories). Several female staff are recent appointments, so their less secure status may to some extent reflect the fact that their appointments came at a time when there are few full-time permanent positions being made. Women, however, are quite well represented in senior ranks: four of the twelve departments currently have a female Head of Department (Open University, St Mary's College, Belfast, Stranmillis College and University College Dublin). A fifth, Mary Immaculate College, Limerick, had a female Head until her recent retirement. During 1995-96 University College Dublin also has a female Acting Head of Department.

There has also been some movement within the overall structures of Irish geography. Six of the twelve departments have witnessed change in Headship over the past four years. Anne Buttmer was appointed Professor and Head of Department at University College Dublin in 1991. Sr Regina Barry retired as Head of Department in Mary Immaculate College, Limerick, in 1995; Roy Tomlinson stepped down as Head in the Queen's University of Belfast in 1995; Russell King moved from Trinity College Dublin to the University of Sussex in 1993; William J. Smyth resigned as Head of Department in St Patrick's College, Maynooth, to take up the newly created position of Master of the College in 1993; whilst Bill Carter, Head of Department in Coleraine, was tragically struck down by a fatal illness. Bill was a man of tremendous energy (as his foreshortened entry in Part Four will indicate), who had many friends in all parts of the country. His untimely demise is a massive blow, not only to geography in Ireland, but to the entire discipline.

COLLEGIAL INTERACTION

The geographical community in Ireland is small, but there is a high degree of interaction among colleagues in the different institutions. Most maintain regular informal contacts by mail, phone, fax and (increasingly) e-mail. Some are linked together in more formal research networks. The annual Conference of Irish Geographers, hosted each year by a different Department, provides an excellent opportunity for both formal and informal interaction.

The Geographical Society of Ireland is the main professional body for geographers in Ireland. Founded in 1934, the Society is organised on an island-wide basis and it arranges lectures, seminars, field excursions, an annual one-day conference and various other events. It publishes the journal *Irish Geography* which is received in more than 30 countries around the world, *GeoNews* (a biannual newsletter which keeps members informed of developments within the discipline in Ireland), and a *Special Publication* series. The Society has a library housed in Trinity College Dublin which receives copies of journals published by affiliated geographical societies around the world as well as materials otherwise unobtainable in Ireland.

The Association of Geography Teachers in Ireland is the major body for geography teachers in the Republic. Although primarily aimed at teachers in the second-level education system, the Association attracts a substantial number of third-level geographers. The Association publishes the journal *Geographical Viewpoint*. The Northern Ireland branches of the British-based Geographical Association fulfil a similar function in Northern Ireland.

Many geographers in both parts of Ireland are members of the Institute of British Geographers, through which they retain close links with colleagues in Britain. Several also belong to more specialised geographical organisations and professional bodies in allied disciplines, both in Ireland and abroad, reflecting their own areas of professional expertise.

Probably the most significant change in recent years has been the further broadening of international contacts. Irish geographers have always enjoyed close links with North America (where many received their postgraduate training) and elsewhere, but international contacts have been strengthened by the availability of newsgroups and discussion lists on the Internet. Thanks to the USA Fulbright-Hays Foundation, too, Ireland has been in a position to host visits from American colleagues for very welcome sojourn: for example, John Paul Jones III (1993-94), Thomas Huber 1994; and Stanley Brunn 1995. The Erasmus programme has also facilitated the strengthening of old links and the development of new links with colleagues in European universities, through student and staff exchanges. Over 1000 students apply for the programme in Geography and European Studies at University College Cork each year. The contacts initiated through Erasmus have in several instances resulted in the further development of international research networks.

The International Geographical Union also plays a major role. The National Committee for Geography in Ireland acts as the central point of contact between geographers in Ireland and the IGU. Links with various IGU Commissions and Study Groups are also maintained by nominated individuals who undertake to diffuse information from the IGU to interested colleagues.

RESEARCH INTERESTS

Given that the teaching staff remains substantially the same as in the period covered by the previous Bibliography, the teaching and research interests of the third-level geographers not surprisingly remain much the same also. About one third of all professional geographers in Ireland may be classified as belonging to the broadly defined category of physical geography; the remaining two thirds are either human geographers or are primarily interested in Geographical Information Systems or geographical methodology. This generalisation disguises noticeable geographical variations, however: there is an approximate parity between human and physical geographers in Northern Ireland, whereas in the Republic physical geographers are outnumbered by about three to one.

The main areas of research interest within physical geography are in pleistocene geomorphology, coastal geomorphology, climatology, resource management, hydrology and palaeoecology. Human geographers generally tend to be more eclectic in their research interests. Approximately one quarter of all human geographers have a strong interest in the broad areas of economic geography and development issues. Historical geography, once the dominant element within Irish geography (following the pioneering efforts of Estyn Evans, T.W. Freeman, Tom Jones-Hughes and John Andrews), remains strong: about one human geographer in four in the Republic has a strong interest in historical geography, although the proportion of historical geographers in Northern Ireland is substantially smaller. Urban geography, rural geography, social geography and population geography (broadly defined) are also well represented.

Perhaps the most significant change over the past four years has been an increasing interest in environmental issues and in human dimensions of global environmental change. Though previously the domain of 'others', there is evidence that even in Ireland the geographer might have a contribution to make to the elucidation of such issues. Geographers assume leading roles in the Association for Regional Studies and other bodies. Geographers at University College Dublin and Trinity College Dublin have been centrally engaged in international research networks on sustainable development under the Environment Programme of the European Commission (DGXII). Cross-disciplinary collaboration along these lines has been procured with the Environmental Institute (University College Dublin) and the Centre for Development Studies (University College Galway). During the Academic Year 1995-96 University College Cork Geography Department announced a graduate programme in sustainable development. The other major change is the increase in the number of geographers whose main interests lie in the application of computer technologies. Most university departments now have at least one dedicated expert in remote sensing, GIS or computer cartography.

PUBLICATIONS

Part Four of this volume contains a list of all known publications between 1991 and 1995 by geographers working in Ireland. This section therefore confines itself to a few brief comments.

The most noticeable feature of the publications listed in this Bibliography, compared with those listed in the Bibliography for the period 1987-91, is the substantial increase in their total number. The previous Bibliography contained about 700 references, whereas the present volume contains over 1100 - an increase of more than 50 per cent. The present Bibliography includes references for a larger number of geographers - approximately 125 compared with just under 100 in the previous Bibliography - but most of this increase can be attributed to the inclusion in this volume of a greater number of geographers working outside mainstream academia, most of whom have a comparatively small number of publications. The editors of the present volume may have been less ruthless about excluding material than their predecessors, but this is not believed to be the case. The most likely explanation for the increase in the number of listed publications is simply that geographers in Ireland are on average publishing more than they did four years ago.

The editors of the previous Bibliography noted that 'the studies cited in this bibliography tend to reveal a strong orientation towards pragmatism: emphasising the concrete rather than the abstract, and applying rather than generating theory'. This is probably as true now as it was four years ago. Indeed, one of the most striking features about the material which was omitted from this Bibliography is the number of geographers working to produce unpublished reports for commissioned research projects. As in other countries, geographers in Ireland are increasingly obliged to engage in contract research to raise the money to pay for the resources required for academic research. However, the editors of the previous Bibliography also noted that 'a few individuals have made significant contributions to the study of the philosophy of the subject as a whole'. Fortunately this statement is equally applicable to the period covered by the present Bibliography.

There is some evidence, although it is subjective and impressionistic, that the nature of academic research may be changing in other respects. For example, there would appear to be an increase in the number of co-authored publications, especially between physical geographers, possibly indicating a growing tendency for geographers to engage in joint or co-operative research, often with geographers in other countries. There would also appear to be an increase in the number of invited chapters written for internationally distributed books, probably reflecting the growth in international contacts between geographers in Ireland and other countries. Although Ireland remains the principal focus for research, a substantial minority of publications by geographers in Ireland deal with regions in other parts of the world, in a number of languages other than English or Irish. All in all, the evidence would seem to reinforce the claim of the editors of the previous Bibliography that 'Geography in Ireland has transcended its island location to emerge as a discipline whose world view, and indeed world status, are confirmed by the record of activities over the past four years'.

CONCLUSION

Geography in Ireland has faced new challenges over the past four years. The rapid increase in student numbers in the Republic has, in the absence of a concomitant increase in staff and resources, created additional pressures in the third-level sector. New opportunities for research funding have begun to open as a result of closer contacts with Europe, and these are not always reconcilable with the consistently heavy teaching demands placed on university personnel. Universities in Northern Ireland have also faced severe problems, although of a different nature. Nevertheless, despite these pressures, geography in both parts of the island would appear to be thriving and can look forward to the next four years with renewed confidence.

A. Buttimer
D.G. Pringle

PART TWO: UNIVERSITY AND COLLEGE DEPARTMENTS

The following institutions offer undergraduate and postgraduate qualifications in geography:

St Patrick's College, Maynooth
The Queen's University of Belfast
Trinity College Dublin
University College Cork
University College Dublin
University College Galway
University of Ulster, Coleraine

University College Cork, University College Dublin and University College Galway are constituent colleges of the National University of Ireland. St Patrick's College, Maynooth, is a Pontifical University and a recognised college of the National University of Ireland. Trinity College Dublin is the sole college of the University of Dublin. The University of Ulster has campuses in Belfast, Coleraine, Derry and Jordanstown, but geography is only taught as a programme within the School of Environmental Studies at the Coleraine campus.

In addition, the following institutions offer courses leading to undergraduate qualifications in geography (plus other subjects):

Mary Immaculate College, Limerick
St Patrick's College, Drumcondra
The Open University

Mary Immaculate College is a college of the University of Limerick and degrees are awarded by that university. St Patrick's College, Drumcondra, is a college of Dublin City University and degrees are awarded by that university. Courses leading to a degree in geography (or similar) are not directly available in either the University of Limerick or Dublin City University.

The Open University offers degrees through distance education. Student support for students in Ireland is co-ordinated from the Belfast office. The Open University also provides an advice centre in Dublin.

The following institutions also offer courses designed for those seeking a teaching qualification:

Mary Immaculate College, Limerick
St Mary's College, Belfast
St Patrick's College, Drumcondra
Stranmillis College, Belfast

Students attending Mary Immaculate College, Limerick, are awarded degrees by the University of Limerick; students attending St Patrick's College, Drumcondra, are awarded degrees by Dublin City University; whilst those attending St Mary's College or Stranmillis College are awarded degrees by the Queen's University of Belfast.



ST PATRICK'S COLLEGE, MAYNOOTH
DEPARTMENT OF GEOGRAPHY

ADDRESS: St Patrick's College, MAYNOOTH, Co. Kildare, Republic of Ireland.
Tel. +353 1 7083610 Fax. +353 1 7083573

HEAD OF DEPARTMENT: James Walsh

PROGRAMMES OF STUDY AND DEGREES OFFERED:

Three undergraduate programmes are offered.

- (a) A three-year BA joint honours degree in geography and one other subject.
- (b) A three-year BA special degree including geography at honours level and one other subject at general (pass) level.
- (c) A three-year BA general (pass) degree combining geography and one other subject.

At postgraduate level, the degrees of PhD and MA are offered. The MA can be obtained either by completion of a major thesis (Mode 1) or by pursuing a range of courses and completion of a minor thesis (Mode 2). Within the Mode 2 programme students choose to specialise on one of the following areas: environmental resource management; local and regional development; heritage and landscape; and environment and health. The PhD degree is awarded on the basis of successful completion of a major thesis. The department has a number of research grants to support PhD students.

In addition to the postgraduate degree programmes, the department also provides two NUI Higher Diploma Courses in Cultural Tourism and in Remote Sensing and Geographical Information Systems.

THE DEPARTMENT:

St Patrick's College, Maynooth, was founded in 1795. The campus is located in the eighteenth-century village of Maynooth, approximately twenty kilometres west of Dublin. Founded in 1971, the Geography Department is located in Rhetoric House. Laboratories for physical geography, cartographic teaching and computer cartography are housed in the Department together with the map library, which has an extensive holding of Irish historical and contemporary maps.

The Department participates in Erasmus schemes, linking with Keele, Toulouse, Munich, Tubingen, Liege, Amsterdam, Gothenburg, London Guildhall, Bergen, Newcastle, Salamanca, Bremen, Lyon. In addition, a number of one-year courses are offered to American students originating principally from Notre Dame University, with which the College has an exchange agreement.

ACADEMIC STAFF:

Brendan Bartley Lecturer

Urban geography; urban planning; transportation.

Proinnsias Breathnach Senior Lecturer

Economic geography; rural development; co-operatives; multi-national industries.

Patrick Duffy Associate Professor

Population; historical geography; rural planning; conservation and landscape studies.

Paul Gibson Lecturer

Remote sensing; geomorphology.

Kieran Hickey Lecturer

Hydrology; biogeography; geohazards.

Dennis Pringle Senior Lecturer

Medical geography; political geography; computer cartography; Geographical Information Systems.

John Sweeney Senior Lecturer

Climatology; environmental impact studies; geomorphology.

Sheelagh Waddington Lecturer (Part-Time)

Cartography; statistics; aerial photography.

James Walsh Professor

Population geography; agricultural geography; Western Europe; local and regional development.



THE QUEEN'S UNIVERSITY OF BELFAST
DEPARTMENT OF GEOGRAPHY

ADDRESS: School of Geosciences, The Queen's University, BELFAST BT7 1NN, Northern Ireland.

Tel. +44 1232 245133 Fax. +44 1232 32180

HEAD OF DEPARTMENT: Nicholas Betts

PROGRAMMES OF STUDY AND DEGREES OFFERED:

The following courses and degrees are offered:

a) Within the Faculty of Arts:

- BA single honours in geography
- BA major/minor honours in geography and another subject
- BA combined honours in geography and two other subjects
- BA joint honours in geography and another subject

b) Within the Faculty of Science:

- BSc single honours in geography
- BSc joint honours in geography and archaeology
- BSc joint honours in geography and geology
- BSc combined honours in geography and one/two other subjects

c) Within the Faculty of Economics and Social Sciences:

- B.S.Sc. single honours in human geography
- B.S.Sc. major/minor honours in human geography and another subject
- B.S.Sc. combined honours in human geography and two other subjects

B.Sc. joint honours in human geography and one other subject. Each course is of three years' duration, the years being referred to as Year I / Level 1, Year II / Level 2 and Year III / Level 3 respectively. ('Year' refers to Arts and Economics and Social Science; 'Level' refers to Science.) For candidates with inappropriate A-level/ higher Leaving Certificate grades, a preliminary year (Level 0) may be available in the Faculty of Science.

Science students whose performance in Level 2 is marginal can be required to withdraw with a BSc Ordinary Degree or can choose to do so. In either case, they must have completed three academic years within the University.

At postgraduate level, the degrees of MA, MSc and PhD are offered by thesis.



TRINITY COLLEGE, DUBLIN
DEPARTMENT OF GEOGRAPHY

ADDRESS: Trinity College, DUBLIN 2, Republic of Ireland.
Tel. +353 1 6081576 Fax. +353 1 6713397

HEAD OF DEPARTMENT: Desmond Gillmor

PROGRAMMES OF STUDY AND DEGREES OFFERED:

At the undergraduate level, geography is studied through one of two four-year programmes: Two-Subject Moderatorship and Science. In the former, geography is taken with one of the following subjects for the first three years: economics; history; mathematics; philosophy; psychology; sociology. In the final year, one or both subjects may generally be taken. In the science course, geography is taken with other science subjects during the first two years and alone or combined with geology in the third and fourth years; if combined with geology, a qualification in earth sciences is granted. The foregoing programmes lead to the Mod. BA qualification which is the equivalent of an Honours BA. In certain circumstances, a Pass BA is awarded after three years of study.

At the postgraduate level, the degrees of MSc, MLitt and PhD are offered by thesis. The Department generally has about 25 postgraduate students.

THE DEPARTMENT:

Trinity College was founded in 1592 under a charter granted by Queen Elizabeth I. The campus is located on a self-contained site in the centre of Dublin. Founded in 1936, the Geography Department is in the Museum Building. In addition to the usual teaching rooms, the Department has a range of laboratories suitably equipped for practical work in physical geography, a large practical room equipped with facilities for cartographic work and numerous microcomputers together with a terminal link to the College's mainframe computers. There are facilities for teaching geographical information systems and computer cartography. The Centre for Urban and Regional Studies, which undertakes research and offers occasional lecture series, is based in the Department.

The Freeman Library, named after T.W. Freeman who was the first Head of the Department, contains about 4000 books together with a large number of pamphlets, journals and maps. It complements the main College Library which, as one of only five copyright libraries, receives a copy of all works published in Britain and Ireland.

The Department participates in two Erasmus networks, in which it is linked with the Universities of Caen, Leicester, Murcia, Udine, Utrecht, Bordeaux, Exeter, Göttingen, Poitiers, Rome, Santander, London, Stockholm, Uppsala, Bern, Oulu and Plymouth. In addition, a number of one-year students from abroad, particularly from North American universities, study geography in Trinity College as part of a Junior Year Abroad or similar programme.

ACADEMIC STAFF:

Frederick Aalen Associate Professor

Cultural and historical geography, especially the long-term evolution of rural landscapes, settlement patterns, vernacular architecture; regional and urban planning; history of planning in Britain and Ireland; remote rural areas; regional interests in Ireland, Scandinavia, Greece.

Peter Coxon Senior Lecturer

Dating and analysis of landscape change using pollen analysis; biostratigraphy and biogeography of Late Tertiary and Middle-Late Pleistocene deposits; glacial geomorphology; bog flows; environmental archaeology of buried walls and early Christian structures in western Ireland.

THE DEPARTMENT:

The Department of Geography is part of the School of Geosciences, which also includes the Departments of Geology, Archaeology and Palaeoecology. The School is housed in three large purpose-designed buildings only 200 metres from the original Queen's College of 1849 and adjacent to the Students' Union.

Geography has been offered at Queen's since 1928. The Department moved to its present building in 1976; formerly occupied by the Faculty of Agriculture, the inside was rebuilt and has many well-equipped facilities such as laboratories for physical geography and cartography, lecture theatres and a class library. The Map Library receives all maps published by the Ordnance Survey (Northern Ireland) and houses a large collection of maps from around the world. Geography has changed considerably since the mid-1970s and further developments, most notably computer laboratories and facilities for teaching geographical information systems, have been added in order to facilitate these. The academic staff of the Geography Department comprises fourteen full-time members and one part-time member supported by the technical and clerical staff of the School.

ACADEMIC STAFF:

Nicholas Betts Lecturer

Climatology; remote sensing.

Frederick Boal Professor

Urban geography.

George Dardis Lecturer

Land degradation; environmental change; glacial sedimentology.

Neville Douglas Senior Lecturer

Political geography.

David Livingstone Professor

History of geographical thought and cartography.

Bernard Maloney Lecturer

Palaeoecology; historical geography of south-east Asia.

Julian Orford Professor

Quantitative methods; coastal geomorphology.

Lindsay Proudfoot Reader

Historical geography.

Stephen Royle Lecturer

Urban geography; historical geography.

Peter Shirlow Lecturer

Economic geography; labour market analysis; production change.

Ian Shuttleworth Lecturer

Migration; youth labour market; geography of education.

Bernard Smith Reader

Geomorphology.

Roy Tomlinson Senior Lecturer

Biogeography; remote sensing; USSR.

Nicholas Tate Lecturer

GIS; spatial statistical analysis; computer applications in geography.

Brian Whalley Professor

Geomorphology; glaciology.

David Drew Senior Lecturer

Geomorphology and hydrology of limestone terrains; general groundwater and surface water hydrology; environmental archaeology and soils; special interest in the Burren and adjacent areas of western Ireland and in karst areas of the Mediterranean and tropics.

Harriet Emerson Lecturer

Rural geography; land use issues and related environmental measures; geography of development; Latin America and Africa.

Desmond Gillmor Associate Professor

Economic geography, with particular reference to Ireland; management of natural resources; geography of agriculture; economic and social aspects of rural areas; development and conservation in the countryside; geographic education.

Mark Hennessy Lecturer

Historical geography; history and philosophy of geography; history and theory of cartography; Australasia.

James Killen Senior Lecturer

Statistical methods, especially mathematical programming methods; transportation; North America.

Andrew MacLaran Lecturer

The role of finance capital and the property development sector in the changing structure of urban environments; geography of well-being; inner-city initiatives; ideology and the urban environment.

Michael Quigley Lecturer

Biogeography; geomorphology; environmental issues especially in Ireland.

Krysia Rybaczuk Lecturer (Joint with Environmental Sciences Unit)

Geographical information systems; computer cartography; western Mediterranean.



**UNIVERSITY COLLEGE CORK
DEPARTMENT OF GEOGRAPHY**

ADDRESS: University College Cork, CORK, Republic of Ireland.
Tel. +353 21 276871 Fax. +353 21 271980

HEAD OF DEPARTMENT: William Smyth

PROGRAMMES OF STUDY AND DEGREES OFFERED :

The Geography Department participates in five major undergraduate degree programmes :

- a) A three-year BA Degree, with geography as either a single honours subject or taken jointly with one of a range of other humanities subjects.
- b) A four-year BA Degree in European Studies in which geography anchors a regional and economic development programme and which also includes studies in two continental languages.

c) A four-year BSc Degree in Earth Science, which is taught mainly by the Geology Department but with inputs from the Departments of Geography, Mathematics, Zoology and Plant Science.

d) A four-year Evening BA Joint Honours Degree in Geography and another nominated subject.

e) A four-year Evening BA Joint Honours Degree in Policy Studies anchored jointly by the Departments of Applied Psychology, Economics, Geography and Sociology.

At postgraduate level, the degrees of MA and PhD are offered in both Geography and European Studies. The Department generally hosts about 35 research students who also assist as tutors and demonstrators.

THE DEPARTMENT :

The Geography Department is located in the former Dairy Science (now Geography) Building near the main entrance of the College. The building houses lecture and seminar rooms. The Department has the main College collection of maps and atlases and facilities for conventional cartographic work. There are also specialist laboratories for physical geography, air photo interpretation and remote sensing and for digitising and computer cartography. A range of microcomputers including advanced GIS facilities and links to the central College computer facilities are available.

The staff of the Department comprises twelve full-time members of academic staff, several part-time staff, a cartographer, an operative and three secretaries. The student-run Geographical Society, which was founded in 1967, organises lectures, social events and field trips and assists (with postgraduate direction) in the publication of the student geographical journal *Chimera*.

The Department anchors one Erasmus network, which includes the universities of Autonoma de Madrid, Bonn, Bordeaux III, Nantes, Lille I, Paris IV, Perugia, Pisa, Bologna, Rennes II, Santiago, Seville, Valladolid, Sundsvall (Sweden), London and Roskilde and participates in a second network anchored in Barcelona, which also includes Aix-Marseille II, Pau, Alicante, Bergen, Coventry, Venezia, Wien, Westfälische Wilhelms-Universität, Cardiff, Swansea and the University of Aegean. The Department has also developed East European links via the Tempus network with Polish and other Baltic universities.

ACADEMIC STAFF :

Darius Bartlett Lecturer

Geographical Information Systems; the impacts of information technology on society; landscape ecology and environmental management; eastern Europe and the Baltic region.

Barry Brunt Lecturer

Industrial development and its changing locational pattern in Ireland; regional planning in Ireland and the EC; changing patterns of port development and trade within Ireland.

Robert Devoy Statutory Lecturer

Problems of coastal change in the context of sea-level behaviour; coastal process functioning; dune development and coastal management especially in the Atlantic margins of western Europe, the western Pacific and Australia; problem of palaeoenvironmental reconstruction, especially diatom and pollen vegetation work in these regions; climate interactions, vegetation history and patterns of interglacial changes.

Kevin Hourihan Lecturer

The nature of urban renewal; the role of community associations in cities; social and support network studies; the geography of public and private housing.

Piarras MacEinri Lecturer (Part-Time)

European migration policies and patterns; Irish migration in Europe; comparative studies of immigration policies in the European state system.

James MacLaughlin Lecturer

Political geography - comparative perspectives; women in nineteenth-century Irish society; nationalist and development theory; geography and Marxism; the geography of ethnic minorities.

Nicholas Manseragh Lecturer (Part-Time)

Urban planning and policy.

Fideima Mullane Lecturer (Part-Time)

Rural planning; vernacular architecture and the material heritage of Ireland, France and Spain.

Una Ni Chaoimh Lecturer (Temporary)

Climate modelling, global climate change, palaeoclimate.

Ray O'Connor Lecturer (Part-Time)

Rural development and community development in Ireland and the EU, geography of agriculture and food.

Patrick O'Flanagan Associate Professor

Rural geography and rural and regional planning in Atlantic Europe; issues in rural development; historical geography of Iberia and Ireland.

Michael O'Sullivan Lecturer (Part-Time)

National and regional planning; strategic and forward planning; planning legislation.

Laura Smethurst Lecturer (Temporary)

Social/historical geography, housing gender, social relations and work.

William Smyth Professor

The historical geography of Ireland, 1680-1980; the social geography of Irish and Atlantic communities; comparative work on the European colonial worlds; the practice of geography with particular reference to Atlantic Europe and France.

John Tyrrell Lecturer

Climatic hazards and resources; environmental problems of towns and cities; historical climatology and climatic change; development problems in Africa.

Xuan Zhu Lecturer (Temporary)

Mapping, decision support systems, Geographical Information Systems, expert systems and the geography of China.



**UNIVERSITY COLLEGE DUBLIN
DEPARTMENT OF GEOGRAPHY**

ADDRESS: University College Dublin, Belfield, Dublin 4.
Tel. +353 1 7068179 Fax: +353 1 269 5597

HEAD OF DEPARTMENT: Anne Buttimer (Anngret Simms, 1995/6)

PROGRAMMES OF STUDY AND DEGREES OFFERED:

Geography may be studied in the Faculties of Arts and Social Sciences and offers a broad range of courses in both physical and human branches of the field. The three year course leads to a BA or BSoc Sc Honours degree. Three subjects are taken in first year and two subjects thereafter. Since 1992 when the Mode 1 programme was introduced geography may also be studied as a single subject.

At postgraduate level, the Department offers:

a) A one-year MA degree involving examined coursework and completion of a minor thesis

b) The degrees of MA and PhD by major thesis.

THE DEPARTMENT:

The Department of Geography, University College Dublin, founded in 1955 under the chairmanship of Professor Tom Jones-Hughes, is housed in the Arts/Commerce Building close to the main university library. Its facilities include laboratories for geomorphology, remote sensing, GIS and general teaching. A comprehensive map library, cartographic and reprographic studios and seminar rooms are provided. The department has a series of stand-alone microcomputer systems and associated printers. In 1995/6 there were eleven full-time staff members, two post-doctoral fellow, 22 postgraduates in the department and a further ten postgraduates from outside the department participating in the MA in European Studies in which the Geography Department offers courses.

Two specialist research study units, the Centre for Retail Studies and the Centre for Local and Heritage Studies, are associated with the Department. The Department participates in an Erasmus scheme with the Universities of Bonn, Düsseldorf, Göttingen, Grenoble, London, Lund, Madrid, Manchester, Paris and Turin. Several European and North American Students under Erasmus and Junior Year Abroad programmes joined the 400+ undergraduate students who were following courses in Geography.

ACADEMIC STAFF:

Joseph Brady Lecturer

Urban geography; social geography; development studies; Russia; computing; quantitative methods.

Anne Buttimer Professor

Social geography; history and philosophy of geography; environment and sustainable development.

Stuart Daultrey College Lecturer

Climatology; hydrology; the tropics; computer applications and data analysis.

Colman Gallagher College Lecturer

Glacial geomorphology; fluvial geomorphology.

Arnold Horner Statutory Lecturer

Economic geography; historical geography; Europe; cartography.

William McGaughey College Lecturer

Social geography; behavioural geography; perception studies.

William Nolan Lecturer

Historical geography; rural landscapes; community development; local and heritage studies.

Gerry O'Reilly Temporary Lecturer

Political geography; sustainable development.

Anthony Parker Statutory Lecturer

Urban geography and planning; electoral geography; retailing and consumer shopping behaviour.

Jacinta Prunty Temporary Lecturer

Social geography; historical geography; geography of gender; regional and local studies.

Anngret Simms Associate Professor

Historical rural and urban landscapes; Central Europe.

Martin Thorp Statutory Lecturer

Geomorphology; remote sensing and satellite image analysis; Africa; Asia.

Johann van Dijk Post-Doctoral Fellow

Land and water resources; geographical information systems.

Tom Waugh Temporary Lecturer

geographical information systems.



UNIVERSITY COLLEGE GALWAY
DEPARTMENT OF GEOGRAPHY

ADDRESS: Department of Geography, University College Galway, GALWAY, Ireland.
Tel. +353 91 524411 Fax. +353 91 525700

HEAD OF DEPARTMENT: Breandán S. Mac Aodha

PROGRAMMES OF STUDY AND DEGREES OFFERED:

The Department offers undergraduate courses in physical and human geography as part of a three-year BA degree programme. Four subjects are taken in the first year and two subjects thereafter. These may be physical geography and human geography or, alternatively, one of the foregoing combined with one of those offered by the Arts Faculty, normally history, archaeology, economics, mathematics, Irish, French, German, Italian and Latin. Geography may be taken at honours or pass level. A limited number of geography courses are also offered as options within the Commerce Faculty.

At postgraduate level, the degrees of MA and PhD are offered by thesis. There are currently ten postgraduate students in the Department.

THE DEPARTMENT:

The campus is located on the western bank of the River Corrib and extends from near the city centre to the mouth of Lough Corrib. The Department was established in 1962, the Chair of Geography in 1968. The Department is housed in new purpose-built accommodation between the Concourse and the river. It has a large practical room with cartographic facilities, a number of small laboratories, some microcomputers and a map collection.

ACADEMIC STAFF:

Mary Cawley *College Lecturer*

Rural geography; population studies; economic geography; medical geography, especially service provision and use; Ireland and the EU.

Austin Currie *Lecturer*

Urban geography; historical geography of Ireland; population studies.

Seamus Grimes *College Lecturer*

Philosophy of economic development, information technology and regional development.

Breandán S. Mac Aodha *Professor*

Historical geography of Ireland; placenames; planning; the Mediterranean world.

Seán P. Ó Cillín *Junior Lecturer*

The quaternary; geography of the oceans; USA; biogeography.

Micheál Ó Cinnéide *Associate Professor*

Local and regional development; rural development; climatology.



UNIVERSITY OF ULSTER, COLERAINE
SCHOOL OF ENVIRONMENTAL STUDIES

ADDRESS: University of Ulster, Cromore Road, COLERAINE, Co. Derry, BT52 1SA, Northern Ireland.

Tel. +44 1265 324401 or 324428 Fax. +44 1265 324911

HEAD OF SCHOOL: David Eastwood

PROGRAMMES OF STUDY AND DEGREES OFFERED:

The School offers three undergraduate, two full-time postgraduate and two part-time postgraduate degrees which embrace some teaching of geography. The undergraduate courses cover environmental science (geography, geology and biology), geography and European regional development (geography and economics with particular reference to the EU). All degrees are offered at honours or ordinary level. Each course involves three years of instruction at Coleraine. In addition, an intercalary year in a European university is an option in geography and environmental science and mandatory in European regional development. Students opting for the four-year programme are awarded a degree and a Diploma in Area Studies. All courses are modular. Language training in German, Spanish and Portuguese is available from *ab initio* level and in French at intermediate level.

At the postgraduate level the School teaches a full-time one year Diploma/MSc course in environmental management and part-time Diploma/MSc courses in geography, (currently not recruiting) and environmental management. A new masters course in research methods (MRes) also begins in October 1995 with a substantial geography contribution. The degrees of MPhil and DPhil are awarded for research by thesis.

THE SCHOOL:

The University of Ulster was formed in 1984 following the merger of the New University of Ulster (centred at Coleraine and Magee College, Londonderry) and the Ulster Polytechnic (at Jordanstown and Belfast). The School of Environmental Studies was formed in 1994 based on an upgrading of the former Department of Environmental Studies and is located in Coleraine. In 1994/5, the School had approximately 400 full-time undergraduates and 35 full-time and 30 part-time postgraduates. There are 30 teaching staff, six technicians and four secretaries.

The School occupies one wing connected to the Centre Buildings with direct access to shared lecture rooms. The School has its own map library, and shared Faculty, cartographic suite and laboratories for teaching and research work. The School operates a meteorological station and a freshwater laboratory at Traad Point on the shores of Lough Neagh, 60 km away. Field equipment includes drilling and coring rigs, surveying instruments (including an EDM), three boats, four vans, three cars and a land rover. Laboratory equipment includes a 60 PC teaching laboratory and a GIS remote sensing laboratory, satellite receivers and digitisers.

The School is a part of two Erasmus networks linking with universities in Brest, Copenhagen, Geissen, Groningen, Lisbon, Malaga, Nantes, Pau, Zaragoza Seigen, and Reggio di Calabria. Recently, Tempus links have been established with institutions in Bulgaria, Hungary, Poland and Romania.

Under the overall co-ordination of the Environmental Studies Research Unit (ESRU), the School's research operates in four recognised Research Groups - Coastal, Freshwater, Terrestrial and Energy Studies. The ESRU has an annual external grant income of about £1.3 million and in addition to academic staff, has about 35 research officers/research assistants and about 45 full-time and 10 part-time MPhil/DPhil students.

ACADEMIC STAFF:**Tony Andrew** *Lecturer*

Freshwater ecology.

Clare Carter *Lecturer*

Freshwater studies.

Andrew Cooper *Reader*

Coastal geomorphology.

Alan Cooper *Senior Lecturer*

Biogeography; plant ecology.

Keith Day *Senior Lecturer*

Natural and agricultural ecosystem.

David Eastwood *Professor*

Development studies; Latin America.

Martin Eaton *Lecturer*

Economic geography; Portugal.

Chris Edwards *Reader*

Agricultural geography.

Brian Graham *Reader*

Historical geography; Ireland; transport.

David Griffiths *Lecturer*

Freshwater ecology; aquaculture; statistics.

Claire Guyer *Lecturer*

Conservation; countryside planning.

David Jewson *Reader*

Freshwater studies.

Adrian Moore *Lecturer*

GIS; medical geography; statistics.

Marshall McCabe *Reader*

Geomorphology; Pleistocene sedimentology.

John McCloskey *Lecturer*

Environmental modelling; computing; earthquake hazard protection.

John McMullan *Professor*

Energy conservation; renewal energy.

Noel Murphy *Lecturer*

Energy studies; energy modelling and conservation.

Graham Nevin *Lecturer*

Resource management; energy conservation.

Steven Nutley *Lecturer*

Transport geography.

John Pollard *Senior Lecturer*

Economic geography; tourism; Caribbean.

Mike Poole *Lecturer*

Social geography; urban studies; statistical methods.

Brian Rippey *Lecturer*

Environmental chemistry; pollution control.

Christian Robinson *Lecturer*

Sedimentology; freshwater studies.

John Roberts *Senior Lecturer*

Environmental geology; rock mechanics.

Colin Thomas *Reader*

Population geography; historical geography; Eastern Europe.

Mike Tullet *Lecturer*

Meteorology and climatology; satellite imagery; computing.

Bill Watt *Professor*

Environmental chemistry.

Dave Wilcock *Professor*

Hydrology; remote sensing; statistics.

Peter Wilson *Senior Lecturer*

Pedology; quaternary studies.

Brian Wood *Professor*

Freshwater ecology; constructed wetlands.



THE OPEN UNIVERSITY

ADDRESS: 40 University Road, BELFAST BT7 1SU, Northern Ireland / The OU Enquiry and Advice Centre, Holbrook House, Holles Street, DUBLIN 2, Republic of Ireland.

Tel. +44 1232 245025 / +353 1 6785399 Fax. +44 1232 230565 / +353 1 6785442

REGIONAL DIRECTOR: Rosemary Hamilton

PROGRAMMES OF STUDY AND DEGREES OFFERED:

The Open University provides distance education through supported open learning. Geography and related courses are usually taken as part of a pass or honours BA or BSc degree but courses may also be taken singly, for points-rated credit. Students are free to construct their own degree-profile from across all Faculties so that geography may be the focus of or peripheral to the final degree. Teaching in the OU is Faculty-based and regionally organised. In Ireland, student support is co-ordinated through the Belfast office and delivered by locally-appointed tutors.

THE DEPARTMENT:

Human geography is based in the Social Sciences faculty; courses related to physical geography are presented by the Technology and Science faculties; Environment and (Third World) Development are taught on a cross-faculty basis. Most core texts are available through academic book-sellers. Courses are 'centrally' produced in Milton Keynes and 'locally' presented. Academic staff in geography make a major contribution to a range of inter-disciplinary courses, mainly in the social sciences and environment. The discipline group is particularly strong in economic and social geography. Doreen Massey is Professor of Geography and Philip Sarre is Head of Department.

ACADEMIC STAFF BASED IN IRELAND:**Pat Jess** *Lecturer in Geography, Staff Tutor in the Social Science Faculty*

Rural geography, rural development, distance education.

Jenny Meegan *Tutorial and Counselling Staff***Emily Rankin** *Tutorial and Counselling Staff*



MARY IMMACULATE COLLEGE, LIMERICK
DEPARTMENT OF GEOGRAPHY

ADDRESS: Mary Immaculate College, LIMERICK, Republic of Ireland.
Tel. +353 61 314588 Fax. +353 61 313632

HEAD OF DEPARTMENT: Desmond McCafferty

PROGRAMMES OF STUDY AND DEGREES OFFERED:

Geography may be studied to degree level within two programmes: a Bachelor of Arts (BA) Degree and a Bachelor of Education (BEd) Degree. Both of these degrees are awarded by the University of Limerick with which Mary Immaculate College has been formally linked since 1992.

The BA degree course is of four years duration. In the first year four subjects are taken, one of which may be geography. Two of these subjects are retained in the second and subsequent years. In addition, in each year of the course students take a number of elective modules which may be drawn from outside the main subject areas studied in that year. The third year is spent off-campus in a co-operative education (work experience) placement and/or studying abroad on an international student exchange programme. The BA degree is recognised by the Teachers Registration Council for entry into secondary school teaching.

The BEd degree course, which is of three years duration, is the main career path into primary teaching. In the first year students take education and Gaeilge together with two other subjects, one of which may be geography. In the second and third years education is taken along with one of the other first year subjects.

THE DEPARTMENT:

Mary Immaculate College was founded in 1898 initially to provide for the training of primary school teachers. The BEd degree was introduced in 1974, and the BA degree programme in 1992, following the establishment of the institutional link with the University of Limerick. The College campus is situated on the South Circular Road near the city centre. The Geography Department has a specialist teaching and resource area in the original College building, where a large collection of Irish maps and aerial photographs is housed, and there are facilities for conventional and computer-based cartography. The Department has access to two microcomputer laboratories.

The Department participates directly in two Erasmus networks: one linking with the universities of Bari, Castilla-La Mancha, Nantes, Plymouth, Saarlandes, and Turku; the other linking with Colleges of Education in Bedford, Belfast (St Mary's), Portalegre and Windesheim. In addition, a number of students from US universities with which the College is linked take geography modules for credit in Junior Year Abroad programmes. The principal source of such students is Frostburg University, Maryland.

ACADEMIC STAFF:

Michael Healy *Lecturer*

Geomorphology; quaternary science; biogeography; environmental management; cartography.

Anne Kane *Lecturer*

Europe; historical geography; geography of development; population geography.

Desmond McCafferty *Senior Lecturer*

Economic geography; urban geography and planning; regional and local development; quantitative methods.



ST MARY'S COLLEGE, BELFAST
DEPARTMENT OF GEOGRAPHY

ADDRESS: St Mary's College, 191 Falls Road, BELFAST BT12 6FE, Northern Ireland.
Tel. +44 1232 327678; Fax. +44 1232 333719

HEAD OF DEPARTMENT: Margaret Keane

PROGRAMMES OF STUDY AND DEGREES OFFERED:

Geography may be studied through one of two modular degree programmes, both of which lead to the award of an honours degree of The Queen's University of Belfast. Those studying for the BEd (Primary) take geography for four years alongside education. Most find employment in primary schools. Those studying for the BEd (Secondary) degree may select geography as a two-year subsidiary subject to accompany their main subject and education, both of which are studied for four years. These students generally enter teaching at the second level.

THE DEPARTMENT:

St Mary's College opened in 1900 and the Geography Department has been in existence since then. Degree courses have been offered since 1967. The Department is housed in the recently refurbished east wing of the Falls Road campus of the College. There are a number of teaching laboratories and tutorial rooms, a departmental resource centre and a small map library. The usual range of equipment for the teaching of physical and human geography is available. The Department has a range of computers with access to the Internet as well as a remote sensing facility and interactive video equipment. Curriculum and research links through Erasmus and other programmes have been established with a number of Geography Departments and with schools in other parts of Europe.

ACADEMIC STAFF:

Peter Finn *Senior Lecturer*

Political geography; geographical education, especially the European dimension; information technology in education.

Margaret Keane *Principal Lecturer*

Social and cultural geography; ethnically divided societies; Europe; geographical education, especially the European dimension.

Michael McEntee *Senior Lecturer*

Biogeography; soils; climatology; Ireland; geographical education.

Desmond O'Reilly *Principal Lecturer*

Geographical education; geomorphology; environmental issues.



ST PATRICK'S COLLEGE, DRUMCONDRA
DEPARTMENT OF GEOGRAPHY

ADDRESS : St Patrick's College, Drumcondra, DUBLIN 9, Republic of Ireland.
Tel. +353 1 8376191 Fax. +353 1 8376197

HEAD OF DEPARTMENT : Michael Dillon

PROGRAMS OF STUDY AND DEGREES OFFERED:

Two degree programmes are offered:

- a) A course of three years' duration leading to a Bachelor of Education (BEd) Honours degree
- b) A course of three years' duration leading to a Bachelor of Arts (BA) Honours degree in Humanities.

The BEd is intended for pre-service students, i.e. for persons seeking to enter the primary school teaching profession. In the first year, students take education and select two academic subjects. In second and third years, education is taken with one of the academic subjects studied in first year. Geography may be chosen as an academic subject.

For a BA in Humanities, students study three subjects in first year and continue with two of these subjects in the second and third years. Geography may be chosen as one of these subjects.

THE DEPARTMENT:

St Patrick's College, Drumcondra was founded in 1875. Since then, its function has been to provide teachers for the National School system in Ireland. Between 1974 and 1993, the College was a Recognised College of the National University of Ireland. Since September 1993, in accordance with an agreement for institutional linkage, St Patrick's College has been designated a College of Dublin City University.

ACADEMIC STAFF:

Michael Dillon *Head of Department*

World development issues; weather and climate; economic geography; resources and environment.

Patrick Kelly *Senior Lecturer*

Historical geography; geomorphology; urban geography and planning; social issues; history and philosophy of geography; geographic education.

James Hourihane *Lecturer*

Europe; political geography; population geography; social and development issues; geographic education.



STRANMILLIS COLLEGE, BELFAST
DEPARTMENT OF GEOGRAPHY

ADDRESS: Stranmillis College, BELFAST BT9 5DY, Northern Ireland
Tel. +44 1232 381271 Fax. +44 1232 664423

HEAD OF DEPARTMENT: Hilary Avery

PROGRAMMES OF STUDY AND DEGREES OFFERED:

The Department is concerned mainly with providing courses to undergraduates taking a four-year Bachelor of Education honours degree, which is awarded by the Queen's University of Belfast. The main components of the course, which leads to a career in teaching, are education, professional studies, a chosen academic subject and school experience. Students choosing geography as their academic subject also receive tuition on the teaching of the subject within the Department. A small element of the Department's work involves postgraduate students studying for the Postgraduate Certificate of Education awarded by The Queen's University.

THE DEPARTMENT:

Stranmillis College was founded in 1922 as a teacher-training college providing primary teachers. It is located in the southern suburbs of Belfast on a campus which includes student accommodation and recreational facilities. The Geography Department is housed in the Central Building. It includes a geographical laboratory, a seminar room and shared lecture theatres. The Department's resource centre has a number of books and journals, and supplements the college library, which has an extensive collection of books, journals, micro-films, video materials and sound tapes.

Students have the opportunity to participate in the Erasmus scheme. Under this scheme geography students have spent a semester studying at universities in France and Spain.

The Department was recently involved in a curriculum development project which produced materials to assist primary school teachers in the implementation of the revised Northern Ireland curriculum.

A particular emphasis is laid in the Department on fieldwork, which is currently undertaken on a regular basis in Ireland, Great Britain and Europe. The student Geographical Society organises various activities including field studies.

ACADEMIC STAFF:

Hilary Avery *Principal Lecturer*

Historical geography of Ireland, especially the prehistoric period; geographical curriculum development in the primary school.

Richard Greenwood *Senior Lecturer*

Coastal geomorphology; applied geomorphology; primary school geography and curriculum design.

Kathryn Logan *Lecturer (Part-Time)*

Social geography; European studies.

PART THREE: OTHER USEFUL ADDRESSES

The following list contains contact addresses for other geographical bodies in Ireland. Some addresses may be subject to change, but are valid as of 1 January 1996.

The **National Committee for Geography** is composed of representatives from each of the third-level institutions where geography is taught in Ireland, plus a variety of other bodies. The National Committee acts as the major link between geographers in Ireland and the International Geographical Union, instigates and co-ordinates occasional geographical projects within Ireland, and makes representations to government and other bodies on policy issues relating to geography. Correspondence with the Committee should be addressed to:

The Secretary,
National Committee for Geography,
Royal Irish Academy,
19 Dawson Street,
DUBLIN 2.

The **National Commission for the Teaching of Geography** operates under the auspices of the National Committee. The Commission organises conferences and keeps a watchful eye on all matters relating to geographical education in Ireland. Correspondence with the Commission should be addressed to:

The Secretary,
National Commission for the Teaching of Geography,
Royal Irish Academy,
19 Dawson Street,
DUBLIN 2.

The **Geographical Society of Ireland** organises meetings, conferences, fieldtrips and other events, which are held in Dublin and other venues in the Republic and Northern Ireland. The Society publishes *Irish Geography*, *GeoNews* and various other publications in a *Special Publications Series*. Membership is open to all persons interested in the geography of Ireland. Further details are available from:

The Membership Secretary,
Geographical Society of Ireland,
Department of Geography,
St Patrick's College,
Maynooth, Co. Kildare.

The **Association of Geography Teachers in Ireland** organises meetings, fieldtrips and other events of interest to geography teachers. It is based in a number of centres in the Republic of Ireland. The Association publishes the journal *Geographical Viewpoint*. Details of membership are available from:

The Treasurer,
Association of Geography Teachers in Ireland,
Hebron, Glenmore,
Blessington,
Co. Wicklow.

The UK based **Geographical Association** exists to further knowledge of geography with a particular emphasis on teaching. A wide range of interests including the needs of A-level students is catered for through the arrangement of meetings and fieldtrips. The Association's publications include *Geography* and *Teaching Geography*.

Details of the Belfast and N.W. Ulster (Coleraine) branches of the Association are available from:

The Secretary,
Geographical Association,
c/o Department of Geography,
The Queen's University,
BELFAST BT7 1NN.

The Secretary,
Geographical Association,
c/o School of Environmental Studies,
University of Ulster,
Cromore Rd.,
COLERAINE BT52 1SA.

The **Ordnance Survey of Ireland** produces a wide range of maps at various scales for the Republic of Ireland. Further details, including current prices, are available from:

The Director of Operations,
Ordnance Survey of Ireland,
Phoenix Park,
DUBLIN 8.

The **Ordnance Survey of Northern Ireland** produces a wide range of maps at various scales for Northern Ireland. Further details, including current prices, are available from:

The Director,
Ordnance Survey of Northern Ireland,
Stranmillis Court,
BELFAST BT9 5BJ.

PART FOUR: PUBLICATIONS

The list which follows gives details of books, monographs, chapters in books, published research reports and articles published in recognised journals written and/or edited by geographers working in Ireland and dated 1991 to 1995 inclusive. While every effort has been made to include all relevant works, the list, which is based on submissions from individual geographers and other sources, makes no claim to completeness. Unpublished consultancy reports, and other types of publication such as newspaper articles, book reviews, and conference abstracts, are not included to retain consistency with the Bibliography for the period 1987-1991.

The references are arranged alphabetically by author. In the case of joint authorship, a publication is listed only once under the first author of those listed who is a geographer and who was working in Ireland during the relevant time period. A cross-reference is given in the entry of any co-author who is also included in the list. In the absence of information about the principal author, the reference is listed under the author whose name is first in alphabetical order.

AALEN, F.H.A.

- (1991) Dublin's physical growth and rise to national pre-eminence, in MacLaran, A. (ed.) *Dublin in Crisis*, Trinity Papers in Geography 5, Department of Geography, Trinity College, Dublin, 2-16.
- (1992) (ed.) *Dublin City and County: From Prehistory to Present - Studies in Honour of J.H. Andrews*, Geography Publications, Dublin, 450pp. (Co-edited with Whelan, K.)
- (1992) Health and housing in Dublin, c.1850-1921, in Aalen, F.H.A. and Whelan, K. (eds) *Dublin City and County: From Prehistory to Present - Studies in Honour of J.H. Andrews*, Geography Publications, Dublin, 279-304.
- (1992) Ireland, in Pooley, C. (ed.) *The Comparative Study of Housing Strategies in Europe, 1880-1930*, Leicester University Press, 132-65.
- (1992) English origins, in Ward, S. (ed.) *The Garden City. Past, Present and Future*, Spon, London, 28-51.
- (1993) Rural Ireland under constructive unionism, 1880-1920, in *Proceedings, Fourth National Conference on American Planning History/Fifth International Conference Planning History Group 1991*, Society for American City and Regional Planning History, Ohio, 246-64.
- (1993) Constructive unionism and the shaping of rural Ireland, c. 1880-1921, *Rural History*, 4(2), 137-64.
- (1993) (ed.) *Atlas of the Irish Rural Landscape. Pilot project*. Royal Irish Academy, 100pp (Co-edited with Whelan, K.)
- (1994) Vernacular rural dwellings of the Wicklow Mountains, in Hannigan, K. and Nolan, W. (eds) *Wicklow: History and Society*, Geography Publications, Dublin, 581-624.
- (1994) Management of the rural landscape, in *The Irish Countryside - Evolution or Decline?*, Conference Proceedings, Irish Landscape Institute, Dublin, 20-28.
- (1994) Colloquium to integrate different approaches to study and management of landscapes, *Environmental Strategy*, IUCN (The World Conservation Union), 9, 19-21.

ANDERSON, J.

- (1991) The new right, enterprise zones and urban development corporations. *International Journal of Urban and Regional Research*, 14(3), 468-489.
- (1991) A Nova Direita e a privatizacao: malogros britanicos, liceos mundiais? *Espaço & Debates: Revista de Estudos Regionais e Urbanos*, 32, 12-24.
- (1991) Over the threshold? Public and private choices in new technology homeworking. in Gilbert, N. and Burrows, R. (eds) *Fordism and Flexibility: Divisions and Change*. Macmillan, London. (With Smith, S.)
- (1993) *A United Irish Economy? Economic and Political Aspects of Economic Integration*. Vol. 1, No. 2, Regional Studies Series, European Society for Irish Studies.
- (1993) European Integration and the national conflict in Ireland. in King, R. (ed.) *Ireland. Europe and the Single Market*, Geography Society of Ireland Special Publications. No.8, 16-29. (With Goodman, J.)
- (1993) Limited thinking, *Fortnight*, 315, 30-31. (With O'Dowd, L.)
- (1993) Eoraip iomlanaithe, Eire aontaithe? (Integrated Europe, united Ireland?). *Comhar*, 2, 4-7.
- (1994) Problems of inter-state economic integration: Northern Ireland and the Irish Republic in the European Community, *Political Geography*, 13(1), 53-72.
- (1994) Sectarian readings of sectarianism: interpreting the Northern Ireland census. *The Irish Review*, 16, 74-93. (With Shuttleworth, I.)
- (1994) European and Irish integration: contradictions of regionalism and nationalism. *European Urban and Regional Studies*, 1(1), 49-62. (With Goodman, J.)
- (1994) (ed.) *Society and Social Science: A Reader*. 2nd. Ed.. Open University, Milton Keynes, 368 pp. (Co-edited with Ricci, M.)
- (1994) Northern Ireland: dependency, class and cross-border integration in the European Union, *Capital and Class*, 54, 13-23. (With Goodman, J.)
- (1995) Regions, states and the European Union: modernist reaction or postmodern adaptation? *Review of International Political Economy*, 2(4), 600-631 (With Goodman, J.)
- (1995) 'Arrested federalization'? Europe, Britain, Ireland, in Smith, G. (ed.) *Federalism: The Multiethnic Challenge*, Longman, London, 279-293.
- (1995) Rundale, rural economy and agrarian revolution: Tírúgh 1715 - 1855. in Nolan, W., Ronayne, L., and Dunlevy, M. (eds) *Donegal: History and Society - Interdisciplinary studies on the history of an Irish county*, Geography Publications, Dublin, 447-469.
- (1995) (ed.) *A Global World?: Re-ordering political space*. Oxford University Press. (Co-edited with Brook, C. and Cochrane, A.)
- (1995) The exaggerated death of the nation state, in Anderson, J., Brook, C. and Cochrane, A. (eds) *A Global World?: Re-ordering political space*. Oxford University Press, 65-112.
- (1995) Euro-regionalism: national conflict and development. in Shirlow, P. (ed.) *Development Ireland*, Pluto Press, 1995, 39-53. (With Goodman, J.)

ANDREWS, J.H.

- (1991) Surveyors and surveying in James Williamson's autobiography. *Familia (Ulster Genealogical Review)*, 2, 7-11.
- (1992) *Mullingar*, Irish Historic Towns Atlas, No. 5. Royal Irish Academy, Dublin. (With Davies, K.M.)
- (1992) The cartography of Celtic placenames, *Ulster Local Studies*, 14, 7-21.
- (1993) Notes for a future edition of Brian Friel's 'Translations', *The Irish Review*, 13, 93-106.
- (1993) *History In The Ordnance Map. An Introduction For Irish Readers*. 2nd. edition. David Archer, Newtown, Montgomeryshire.

- (1993) New light on three eighteenth-century cartographers: Herman Moll, Thomas Moland and Henry Pratt, *Bulletin of the Irish Georgian Society*, 35, 17-24.
- (1994) Irish Country Towns, Mercier Press, Cork. (Co-edited with Simms, A.)
- (1994) Mullingar, in Andrews, J.H. and Simms, A. (eds) *Irish Country Towns*, Mercier Press, Cork, 179-190.
- (1994) *Meaning, Knowledge and Power in the Map Philosophy of J.B. Harley*, Trinity Papers in Geography, No. 6, Dublin, 27pp.
- (1994) Maps of Ireland, in Wallis, H. and McConnell, A. (eds) *Historians Guide to Early British Maps*, Royal Historical Society, London, 60-61.
- (1994) Irish placenames and the Ordnance Survey, *Cartographica*, 31(3), 60-61.
- (1995) The maps of Robert Lythe as a source for Irish place-names, *Nomina*, 16, 7-22.
- (1995) (ed.) More Irish Country Towns, Mercier Press, Cork. (Co-edited with Simms, A.)
- (1995) The study of Irish Country towns, in Andrews, J.H. and Simms, A. (eds) *More Irish Country Towns*, Mercier Press, Cork, 9-19.
- (1995) Kildare, in Andrews, J.H. and Simms, A. (eds) *More Irish Country Towns*, Mercier Press, Cork, 20-31.

BARRINGTON, T.

- (1994) The chimera of Irish regions, *LLASS Working Paper*, 9. University College, Dublin. (With Horner, A.)

BARTLETT, D.J.

- (1991) Seascape ecology: the landscape ecology of the coastal zone, *Ecology (CSFR)*, 10(1), 43-53. (With Carter, R.W.G.)
- (1991) Coastal erosion in Northern Ireland - Part I: sand beaches, dunes and river mouths. *Irish Geography*, 23(1), 1-67. (With Carter, R.W.G.)
- (1993) Space, time, chaos and coastal GIS, in *Proceedings, ICC/DKT '93*, 16th International Cartographic Conference, Cologne, Germany, 3-9 May 1993 and 42 Deutscher Kartographentag, 3-6 May 1993, Volume 1, 539-551.
- (1993) GIS and the coastal zone: overview, in St Martin, K. (ed.) *Explorations in Geographic Information Systems Technology, Volume 3: Applications in Coastal Zone Research and Management*, United Nations Institute for Training and Research (UNITAR), Geneva, Switzerland, 3-18.
- (1993) Geographical Information Systems for the coastal zone: an annotated bibliography, *NCGIA Technical Report 9/93*, National Centre for Geographic Information and Analysis, University of California at Santa Barbara and State University of New York at Buffalo, USA.
- (1994) *GIS and the Coastal Zone: Past, Present and Future*, AGI Publication No. 3/94, Association for Geographic Information, London (Information and Education Committee), 33pp.

See also DEVOY, R.J.N. and McKENNA, J.

BARTLEY, B.

- (1995) Mobility impacts, reactions and opinions: traffic demand management options in Europe - the MIRO project, *Traffic Management and Control*, 36(11), 596-603.
- (1995) The urban transformation, in *Sociology 2 : The Changing Social Environment*, Unit 21, OSCAIL, National Distance Education Council, Dublin City University.

- (1995) The internal structure of the modern city - the roots of urban Sociology, in *Sociology 2 : The Changing Social Environment*, Unit 22, OSCAIL, National Distance Education Council, Dublin City University.
- (1995) The internal structure of the modern city - the measurement of residential segregation, in *Sociology 2 : The Changing Social Environment*, Unit 23, OSCAIL, National Distance Education Council, Dublin City University.
- (1995) Managing cities - conflict interpretations of city organisation, in *Sociology 2 : The Changing Social Environment*, Unit 24, OSCAIL, National Distance Education Council, Dublin City University.
- (1995) Post modernity - confusion or choice? One city, many theories - making sense of diversity, in *Sociology 2 : The Changing Social Environment*, Unit 25, OSCAIL, National Distance Education Council, Dublin City University.

BETTS, N.L.

- (1991) Weather module, in Finn, P. (ed.) *Geography Satellite Project*, South Eastern Education and Library Board, Belfast, 23-59. (With Huey, S., O'Prey, E. and Richardson, J.)
- (1991) Remote sensing in geography, *Satellite News*, 1(1), 1-2
- (1992) The climate of the north-east of Ireland, in Hackney, P. (ed.) *Stewart and Corry's Flora of the North-east of Ireland* (3rd ed.), Institute of Irish Studies, Queen's University, Belfast, 45-57.
- (1992) The North Antrim flood of October 1990, *Irish Geography* 25(2), 138-148
- (1993) *The Geographical Enquiry*, Northern Ireland Schools Examinations and Assessment Council: Notes for the guidance of students (revised), Northern Ireland Schools Examinations and Assessment Council, Belfast, 10pp.
- (1994) Hydrological and landuse changes in North Antrim, in Keane, T. and Daly, E. (eds) *Balance of water - present and future*, AGMET Publications, Dublin, 205-214.
- (1994) The February storm of 1994: a case study of climate impact upon society in Ireland, *Journal of Meteorology*, 19, 221-226.
- (1994) Storm force winds of February 1994 blackout Ulster, *Irish Geography*, 27(1), 61-67.

BOAL, F.W.

- (1992) Integration, segmentation or separation? - the national capital region as Canada in microcosm, *London Journal of Canadian Studies*, 8, 1-16.
- (1992) Northern Ireland, 1969-90, in Barraclough, G. (ed.) *The Times Concise Atlas of World History* (4th ed.), Times Books, London, 136-137.
- (1993) Submission to Commission, in Pollak, A. (ed.) *A Citizen's Inquiry: The Opsahl Report on Northern Ireland*, Lilliput Press, Dublin, 135-136.
- (1993) One foot on each bank of the Ottawa, *Canadian Geographer*, 37(4), 320-332.
- (1993) Between too much and me, in Murtagh, B. (ed.) *Planning and Ethnic Space in Belfast*, University of Ulster, Centre for Policy Research Occasional Paper No. 5, 6-14.
- (1994) Belfast: a city on edge, in Clout, H.C. (ed.) *Europe's Cities in the Late Twentieth Century*, Royal Dutch Geographical Society, Utrecht/Amsterdam, 141-155.
- (1994) Encapsulation: urban dimensions of national conflict, in Dunn, S. (ed.) *Managing Divided Cities*, Ryburn Press for Fulbright Commission, Keele, 30-40.
- (1995) *Shaping a City: Belfast in the Late Twentieth Century*, Institute of Irish Studies, Queen's University, Belfast, 127pp.

BRADY, J.

- (1993) Ireland and the European Community: the geography of trade, in King, R. (ed.) *Ireland, Europe and the Single Market*, Geographical Society of Ireland, Special Publications No. 8, 68-83.
- (1994) Dublin: change and challenge, in Clout, H. (ed.) *Europe's Cities in the Late Twentieth Century*, Netherlands Geographical Studies 176, 64-84.
- (1994) (ed.) *Aspects of the Contemporary Geography of Ireland and the Czech Republic*, Acta Universitatis Carolinae, Geographica, Volume 29, Joint Publication of the Geography Departments of Charles University, Prague and U.C.D. (Co-edited with Stepanek, V. and Bicic, I.)
- (1994) EC membership and the transformation of Ireland's trade, *Acta Universitatis Carolinae Geographica*, 29(1), 81-98.
- (1994) Recent trends in the Irish urban system with particular reference to Dublin and Cork, *Acta Universitatis Carolinae Geographica*, 29(1), 31-46. (With McManus, R.)

BREATHNACH, P.

- (1991) Ireland, emigration and the new international division of labour, in King, R. (ed.) *Contemporary Irish Migration*, Geographical Society of Ireland, Special Publication No. 6, Dublin, 1-10. (With Jackson, J.)
- (1991) Popular perceptions of the quality of life in marginal regions in the West of Ireland, in Leroy, M. (ed.) *Regional Development Around the North Atlantic Rim*, International Society for the Study of Marginal Regions, Swansea, 395-412.
- (1991) An phleanáil réigiúnach in Éirinn: Nár mhaith an rud í?, *Oghma*, 3, 24-33.
- (1992) The development of the dairy industry in County Waterford, in Nolan, W. and Power, T.P. (eds) *Waterford: History and Society*, Geography Publications, Dublin, 707-732.
- (1992) Employment in Irish tourism: a gender analysis, *Labour Market Review*, 3(2), 15-26.
- (1992) The development of the Irish fish farming industry, *Irish Geography*, 25(2), 182-187.
- (1993) Women's employment and peripheralisation: the case of Ireland's branch plant economy, *Geoforum*, 24(1), 19-29.
- (1993) European industrial investment in Ireland: a geographical perspective, in King, R. (ed.) *Ireland, Europe and the Single Market*, Geographical Society of Ireland, Special Publications No. 8, Dublin, 44-56.
- (1993) The development of fish farming in the West of Ireland, in Flognfeldt, T. et al. (eds): *Conditions for Development in Marginal Regions*, (Proceedings of the 11th International Seminar on Marginal Regions), Oppland College, Lillehammer, Norway 257-269.
- (1994) Gender and Irish tourism, in Kinnaird, V.H. and Hall, D.R. (eds) *Tourism: A Gender Analysis*, John Wiley and Sons, Chichester, 52-73. (With Henry, M., Drea, S. and O'Flaherty, M.)
- (1994) Industrialisation and regional development in Ireland, *Acta Universitatis Carolinae Geographica*, Univerzita Karlova Praha, 24(1), 67-79. (With Walsh, J.A.)
- (1994) Comharchumainn mar a bhí, in Ó Fiannachta, P. (ed.) *An Comharchumannachas agus an Mheitheal*, An Sagart, An Daingean, 22-33.
- (1994) (ed.) *Irish Tourism Development*, Geographical Society of Ireland, Special Publication No. 9, Maynooth.
- (1994) Employment creation in Irish tourism, in Breathnach, P. (ed.) *Irish Tourism Development*, Geographical Society of Ireland, Special Publication No. 9, Maynooth, 41-59.
- (1994) Gender and employment in Irish tourism, in Kockel, U. (ed.) *Culture, Tourism and Development: The Case of Ireland*, Liverpool University Press, 47-60.

- (1995) Uneven development and Irish peripheralisation, in Shirlow, P. (ed.) *Development Ireland*, Pluto Press, London, 15-26.

BROWN, S.

- (1992) *Retail Location: A Micro-Scale Perspective*, Avebury, Aldershot.

BRUNT, B.

- (1993) Ireland as a peripheral region of Europe: structural funds and regional economic development, in King, R. (ed.) *Ireland, Europe and the Single Market*, Geographical Society of Ireland, Special Publication No. 8, 30-43.
- (1995) Regions and Western Europe, *Journal of Geography*, 94(1), 306-316.
- (1995) Energy trends and processes in western Europe, *Geographical Viewpoint*, 23, 5-24.

BUTTIMER, A.

- (1991) *Land-Life-Lumber-Leisure: Tensions of Local and Global Concern in the Human Use of Woodland*. Interim report on Swedish-Canadian Research Project, Royal Society of Canada, Ottawa, 343 pp. (With van Buren, J. and Hudson-Rodd, N.)
- (1991) Beyond optimism and pessimism, praise or blame. Reply to commentaries on 'Geography, Humanism and Global Concern', *Annals of the Association of American Geographers*, 81(2), 344-46.
- (1991) Commentary on 'Geographic perspectives on the occupational segregation of women' by S. Hanson and G. Pratt, *National Geographic Research*, 6(4), 376-99.
- (1992) (ed.) *History of Geographical Thought*. Special Issue of *GeoJournal* 26(2) for the IGU Commission on the History of Geographical Thought, 234pp.
- (1992) Woodland polyphony, in Svedin, U. and Aniansson, B. (eds), *Society and the Environment: A Swedish Research Perspective*, Kluwer, Dordrecht, 177-198.
- (1993) Landscape and life: appropriate scales for sustainable development, *LLASS Working Paper Series 1*, Department of Geography, University College Dublin.
- (1993) *Geography and the Human Spirit*, The Johns Hopkins University Press, Baltimore, Md. 285pp.
- (1994) Edgar Kant and 'Heimatkunde': Balto-Skandia and regional identity, in Hooson, D. (ed.) *Geography and National Identity*, Blackwell, Oxford, 161-183.
- (1994) Water symbolism, wholeness, and creativity, *Transforming Art*, 4(2), 53-62.
- (1994) The current state of geography: national comparisons, in Klemsdal, T. (ed.) *Geografiens Innhold og anvendelse. Rapport fra Norske Geograferes Forenings jubileumsseminar 1994*. Drammen 5-6 januar, 13-23.
- (1994) Impacts of EC agricultural policies on the Irish rural landscape, *Acta Universitatis Carolinae Geografica* 29(1), 5-17. (With McGauran, A.)
- (1994) Response to commentary on 'Grasping the Dynamism of Lifeworld' (1976), *Progress in Human Geography*, 18(4), 501-506.
- (1995) Gatekeeping geography through national independence: stories from Harvard and Dublin, *Erdkunde* 49(1), 1-16.
- (1995) The LLASS Research Partners' Multi-Disciplinary Forum: Summary and Review. *LLASS Working Paper*, 18. University College, Dublin. (With Whelan, K.)
- (1995) *Landscape and Life: Appropriate Scales for Sustainable Development [LLASS]*. Network research project under DGXII Area 3 European Commission Programme for Environment with partner teams in Germany, Ireland, the Netherlands and Sweden. Final Report on the Project. 130pp + Annex A: Team reports from Germany,

- Netherlands, and Sweden; Annex B: Evaluation of the pluri-disciplinary research forum at UCD and Working Paper series, MIMEO, Department of Geography, U.C.D. 20 pp. + 18 working papers. (With Stol, T. and Jenkins, W.)
- (1995) *Slieveardagh 1950-1990*. Report on the Irish Case Studies in LCLASS network project, Department of Geography, University College, Dublin, 214 pp. (With O'Reilly, G., Stol, T. and Jenkins, W.)

CARTER, W.R.G.

- (1991) Sea-level changes, in McWilliams, B. (ed.) *Climate Change: Studies on the Implications for Ireland*, Stationary Office, Dublin, 125-171.
- (1991) Near-future sea-level impacts on coastal dune landscapes, *Landscape Ecology*, 6(1/2), 29-39.
- (1991) Consequences of climatic change: sea-level rise, in Herdman, J. and Woolridge, J. (eds) *Ireland's Options in the Greenhouse*, Earthwatch, Cork, 16-20.
- (1992) Coastal Sedimentary Environments of Southern England, South Wales and Southeast Ireland, British Sedimentological Research Group, Cambridge, 86pp. (With Allen, J.R.L., Carr, A.P. Nicholls, R.L. and Orford, J.D.)
- (1992) (ed.) *Coastal Dunes: Geomorphology, Ecology and Management for Conservation*, Balkema, Rotterdam, 533pp. (Co-edited with Curtis, T.G.F. and Sheehy-Skeffington, M.J.)
- (1992) Dune development in the aftermath of steam outlet closure: examples from Ireland and California, in Carter, W.R.G., Curtis, T.G.F. and Sheehy-Skeffington, M.J. (eds) *Coastal Dunes: Geomorphology, Ecology and Management for Conservation*, Balkema, Rotterdam, 57-69. (With Bauer, B.O., Sherman, D.J., Davidson-Arnott, R.G.D., Gares, P.A., Nordstrom, K.F. and Orford, J.D.)
- (1992) Coastal conservation, in Barrett, M. (ed.) *Coastal Planning and Management*, Thomas Telford, London, 21-36.
- (1992) Sea-level changes - past, present and future, *Quaternary Proceedings*, 2, 111-132.
- (1992) Small scale sediment removal from beaches in Northern Ireland: environmental impact, community perception and conservation management, *Aquatic Conservation: Marine and Freshwater Ecosystems*, 2(1), 95-113. (With Eastwood, D.A., and Bradshaw, P.)
- (1993) How the British coast 'works': inherited and acquired controls, *Conserving the British Landscape*, 49-55.
- (1993) Retreat to the future, *The National Trust Magazine*, 28-29.
- (1993) Geology, hydrology and land-use of Lough Neagh and its catchment, in Wood, R.B. and Smith, R.V. (eds) *The Ecology of a Multipurpose Water Resource*, Kluwer, Netherlands, 11-33.
- (1993) The morphology, hydrodynamics and sedimentation processes of Lough Neagh, in Wood, R.B. and Smith, R.V. (eds) *The Ecology of a Multipurpose Water Resource*, Kluwer, Netherlands, 35-57.
- (1993) A method of establishing mesoscale (decadal to sub-decadal) domains in coastal gravel barrier retreat rate from tide-gauge analysis, in List, J.H. (ed.) *Large Scale Coastal Behaviour 1993*, US Geological Survey Open File Report, 93-381, USGS, 155-158. (With McCloskey, J. and Orford, J.)
- (1993) The Irish sea coast - a brief review of coastal processes, erosion and management, *Irish Sea Forum, Seminar Report 4; Rising Sea Level and Coastal Protection*, Liverpool University Press, 1-23. (With McKenna, J., Orford, J. and Devoy, R.J.N.)
- (1993) Modelisation de l'evolution d'une fleche littorale et relation avec une elevation du niveau marin: exemple du Sillon du Talbert, Bretagne, France, *GAIA*, 6, 59-64. (With Regnaud, H., Monnier, O. and McKenna, J.)
- (1993) Aeolian processes and deposits in Northwest Ireland, *Special Publications of Geological Society of London*, 72, 178-190. (With Wilson, P.)

- (1993) The morphodynamics of coarse clastic beaches and barriers: a short and long-term perspective, *Journal of Coastal Research, Special Issue No 15*, CERF, 158-179. (With Orford, J.D.)
- (1993) Man's impact on the coast of Ireland, in Wong, P.P. (ed.) *Tourism vs Environment: The Case for Coastal Areas*, Kluwer, Rotterdam, 211-225, 5749. (With Eastwood, D. and Pollard, H.)
- (1993) The impact of man on the shoreline environment of the Costa Del Sol, Southern Spain, in Wong, P.P. (ed.) *Tourism vs Environment: The Case for Coastal Areas*, Kluwer, Rotterdam, 189-210. (With McDowell, A. and Pollard, H.)
- (1993) Recent evolution of a paraglacial estuary under conditions of rapid sea-level rise, Chezzetcook Inlet, Nova Scotia, *Proceedings of the Geologist Association*, London, 103(4), 167-185. (With Orford, J.D., Jennings, C.S. Shaw, J. and Smith, J.P.)
- (1993) Age, origin and significance of the raised gravel barrier at Church Bay, Rathlin Island, County Antrim, *Irish Geography*, 26(2), 141-146.

See also BARTLETT, D. and ORFORD, J.

CAWLEY, M.E.

- (1991) Town population change 1971-1986: patterns and distributional effects, *Irish Geography*, 24(2), 105-15.
- (1991) Urban-related social change in the Republic of Ireland, in Brunet, P. (ed.) *Rural France and Great Britain*, Université de Caen, Caen, 237-5.
- (1991) Patterns of rural-urban and urban-rural migration, in King, R. (ed.) *Contemporary Irish Migration*, Geographical Society of Ireland, Special Publications No. 6, Trinity College, Dublin, 111-21.
- (1991) The voluntary sector and social service provision: the experience of Clare Social Service Council, in Varley, T., Boylan, T.A. and Cuddy, M.P. (eds) *Rural Crisis: Perspectives on Irish Rural Development*, Centre for Development Studies, University College, Galway, 172-89. (With Stuart, M.)
- (1992) Population change in the Republic of Ireland 1981-1991: trends and spatial patterns, *Hommes et Terres du Nord*, 1992(2), 89-96.
- (1992) Models of development: the spatial dimension, in Ó Cinnéide, M. S. and Cuddy, M. P. (eds) *Perspectives on Rural Development in Advanced Economies*, Centre for Development Studies, University College, Galway, 149-60.
- (1992) Smoking in pregnancy: how can it be discouraged?, *Journal of the Irish Colleges of Physicians and Surgeons*, 20, 198-99. (With Cahill, J. and Stevens, F.M.)
- (1994) Desertification: measuring population decline in rural Ireland, *Journal of Rural Studies*, 10(4), 395-407.
- (1994) Park entry charges, *Annals of Tourism Research*, 21(1), 158-60.
- (1994) Entry charges: a barrier to open country recreation? *Town and Country Planning*, 63(4), 126-28.
- (1994) Countryside recreational activity patterns: evidence from Connemara National Park, *Irish Geography*, 27(1), 48-60. (With Gallagher, B.M.) (1994) Northwest Connemara: processes and patterns of landscape change during the nineteenth century, in Collins, T. (ed.) *Decoding the Landscape*, Centre for Landscape Studies, University College, Galway, 99-113. (With Ní Scannláin, E.)
- (1995) Desertification: measuring population decline in rural Ireland, in Copus, A.K. and Marr, P.J. (eds) *Rural Realities: Trends and Choices*, Proceedings of the 35th EAAE Seminar, Aberdeen, June 1994, Aberdeen School of Agriculture, Aberdeen, Scotland, 15-33.
- (1995) Adoption of alternative farm enterprises in the West of Ireland, *Farm and Food*, 5(1), 4-8. (With Gillmor, D.A. and McDonagh, P.)

- (1995) *Farm diversification: studies relating to the West of Ireland*, Teagasc, Dublin, 193pp. (With Gillmor, D.A., Leavy, A. and McDonagh, P.)
- (1995) Irlannin masseudun kokemukset EU-integraatiosta (Impacts of EU integration in Ireland), published as an interview with Oksa, J. and Sireni, M., *Maaseudun Uusi Aika*, 1(3), 49-58.

CONVERY, F.

- (1994) Economy and environment in the 1990s, *LLASS Working Paper Series 12*, Department of Geography, University College, Dublin. (With Stol, T. and Stenseke, M.)

COOPER, A.C.

- (1991) Land use and ecological change in areas of outstanding natural beauty, in Jeffries D.W. and Madden, B (eds) *Bioindicators and Environmental Management*, Academic Press, London, 207-224. (With Murray, R. and McCann, T.)
- (1992) (ed.) *Managing Landuse Change*, Geographical Society of Ireland, Special Publication No. 7, Dublin, 110pp. (Co-edited with Wilson, P.)
- (1992) An environmental database for Northern Ireland and its application to countryside management, *Proceedings of Sustainable Land Use Planning*, Wageningen, The Netherlands, 161-165.
- (1992) A structured method of landscape assessment and countryside management, *Applied Geography*, 12(4), 319-338.
- (1992) Land use studies on peatland in the Sperrin area of outstanding natural beauty, in Bragg, O. (ed.) *Ecosystems and Man: An Impact Assessment*, International Peat Society/British Ecological Society, University of Dundee, Dundee, 271-275. (With Murray, R.)
- (1992) Monitoring environmental change: a land classification approach, in Cooper, A. and Wilson, P. (eds) *Managing Land Use Change*, Geographical Society of Ireland, Special Publications, No. 7, 35-42. (With Murray, R. and McCann, T.)
- (1992) *A Land Classification and Landscape Ecological Study of Northern Ireland*, University of Ulster, Coleraine, 257pp. (With Murray, R., and McCann, T.)
- (1993) Land classification and land cover correlations in Northern Ireland, *Proceedings of the International Association of Landscape Ecology Agricultural Landscapes in Europe*, Rennes, France, 164.
- (1993) Land cover monitoring in the Mourne environmentally sensitive area, *Proceedings of the Irish Botanists Meeting*, University of Ulster, Coleraine, 62. (With McCann, T. and Smith, D.)
- (1993) Factors affecting the plant species composition of hedges: implications for management, *Proceedings of the Irish Botanists Meeting*, University College, Cork, 22. (With Hegarty, C.A.)
- (1993) Species-rich hay meadows and their relationship to the socioeconomic status of farmers, in Hagger, R.J. and Peel, S. (eds) *Grassland Management and Nature Conservation*, Occasional Symposium No. 28, British Grassland Society, 190-194. (With Eakin, M.R.)
- (1994) *The Botanical Composition of Grassland Land Cover Types in Northern Ireland*, Report to Environment Service DOE (NI), Department of Environmental Studies, University of Ulster, Coleraine, 91. (With McCann, T.)
- (1994) An integrated study of landscape in Northern Ireland, *Landscape Issues*, 11(1), 30-37. (With Stott, A.)

- (1994) Land cover change in the Mourne environmentally sensitive area, *Proceedings of the Irish Botanists Meeting*, University of Ulster, Coleraine, 8-9. (With McCann, T. and Smith, D.)
- (1994) An environmental database for Northern Ireland and its application to countryside management, in Van Lier, H.N., Jaarsma, C.F., Jurgens, C.R. and de Buck, A.J. (eds) *Sustainable Land Use Planning*, Elsevier, Amsterdam, 281-290. (With Murray, R. and McCann, T.)
- (1994) Factors influencing the plant species composition of hedges - implications for management in environmentally sensitive areas, *Proceedings of the Irish Botanists Meeting*, University College Cork, Ireland, 22. (With Hegarty, C.A. and McAdam, J.H.)
- (1994) Factors influencing the plant species composition of hedges - implications for management in environmentally sensitive areas, in Boatman, N. (ed.) *Field Margins: Integrating Agriculture and Conservation*, British Crop Protection Council, Nottingham, 227-234. (With Hegarty, C.A., and McAdam, J.H.)
- (1994) *A Review of the Northern Ireland Module of the Countryside Information System*, Report to NERC, University of Ulster, Coleraine, 29pp. (With McCann, T.)

COOPER, J.A.G.

- (1993) Sedimentation in the cliff-bound, microtidal Mtamvuna Estuary, South Africa, *Marine Geology*, 112, 237-256.
- (1993) Is the Muoti Estuary degraded? Perception versus scientific evidence, *8th Southern African Marine Science Symposium*, 1. (With Harrison, T.D.)
- (1994) Sedimentary processes in the river-dominated Mvoti estuary, South Africa, *Geomorphology*, 9, 271-300.
- (1994) Sedimentation in a river dominated estuary, *Sedimentology*, 40, 979-1017.
- (1994) *Shoreline Changes on the Natal Coast: Mtamvuna River Mouth to Mkomazi River Mouth*. Report, Natal Town and Regional Planning Commission, Pietermaritzburg, South Africa, 53.
- (1994) The estuarine health index: a new approach to scientific information transfer, *Classification of Rivers and Environmental Health Indicators*, 271-280. (With Ramm, A.E.L., Harrison, T.D. and Singh, R.A.)
- (1995) Lagoons and microtidal coasts, in Woodroffe, R.W.G.C. and Woodroffe, C.D. (eds) *Coastal Evolution: Late Quaternary Shoreline Morphodynamics*, Cambridge University Press, Cambridge, 219-265.
- (1995) *Sea-level Rise and its Potential Physical Impacts on the Shoreline of KwaZulu-Natal*, Town and Regional Planning Commission, Pietermaritzburg, South Africa, 100pp.
- (1995) The role of estuaries in large marine ecosystems: examples from the Natal coast, South Africa, in Okemwa, E., Ntiba, M.J. and Sherman, K. (eds) *Status and Future of Large Marine Ecosystems of the Indian Ocean*, IUCN, Gland, Switzerland, 92-100. (With Harrison, T.D., and Ramm, A.E.L.)
- (1995) The Estuarine Health Index: a new approach in scientific information transfer, *Ocean and Coastal Management*, 25, 103-141. (With Ramm, A.E.L., and Harrison, T.D.)

COXON, C.E.

- (1994) Carbonate deposition in turloughs (seasonal lakes) on the western limestone lowlands of Ireland I: present-day processes, *Irish Geography*, 27(1), 28-35.
- See also COXON, P.

COXON, P.

- (1991) The Loch Lomond stadial glaciation in Britain and Ireland, in Ehlers, J., Gibbard, P.L. and Rose, J. (eds) *Glacial Deposits in Britain and Ireland*, Balkema, Rotterdam, 89-105. (With Gray, J.M.)
- (1991) Glacial deposits and landforms of central and western Ireland, in Ehlers, J., Gibbard, P.L. and Rose, J. (eds) *Glacial Deposits in Britain and Ireland*, Balkema, Rotterdam, 355-65. (With Browne, P.)
- (1991) Ireland's past vegetation and landscape history, in Plettenberg, J. (ed.) *Islands on the Edge of Europe: An Integrated Approach to Marine Development*, Connemara Environmental Education Centre, Letterfrack, 4-14.
- (1991) (ed.) *Fieldguide to the Quaternary of North Mayo*, Irish Association for Quaternary Studies (IQUA), Dublin, 56pp.
- (1991) The interglacial deposits at Derrynadivva and Burren Townland, in Coxon, P. (ed.) *Fieldguide to the Quaternary of north Mayo*, Irish Association for Quaternary Studies (IQUA), Dublin, 24-36. (With Hannon, G.)
- (1991) The Nephin Beg Range and the Late-glacial, in Coxon, P. (ed.) *Fieldguide to the Quaternary of North Mayo*, Irish Association for Quaternary Studies (IQUA), Dublin, 41-49. (With Browne, P.)
- (1992) Dublin in the grip of an ice age: the Quaternary geology of the Dublin region, *Geographical Viewpoint*, 20, 35-52.
- (1992) New evidence on the age and significance of the Gortian temperate stage: a preliminary report on the Cork Harbour site, *Proceedings of the Royal Irish Academy*, 92B, 21-43. (With Scourse, J.D., Allen, J.R.M., Austin, W.E.N., Devoy, R.J.N. and Sejrup, H.P.)
- (1993) A uranium-thorium dated Late Eemian or Early Midlandian organic deposit from near Kilfenora between Spa and Fenit, Co. Kerry, Ireland, *Journal of Quaternary Science*, 8(1), 31-43. (With Hejnis, H and Ruddock, J.)
- (1993) The geomorphological history of the Waveney Valley and the interglacial deposits at Hoxne, in Singer, R., Gladfelter, B.G. and Wymer, J.J. (eds) *The Lower Palaeolithic Site at Hoxne, England*, The University of Chicago Press, Chicago and London, 67-73.
- (1993) Irish Quaternary biogeography, climate and the interglacial record, in Costello, M.J. and Kelly, K.S. (eds) *Biogeography of Ireland: Past, Present, and Future*, Occasional publication of the Irish Biogeographical Society, No. 2, 5-23.
- (1993) Irish Pleistocene biostratigraphy, *Irish Journal of Earth Sciences*, 12, 83-105.
- (1993) *Glacial events. IQUA Annual Symposium 1993*, Dublin, Irish Association for Quaternary Studies, 31pp.
- (1994) Late-glacial re-sedimentation of drumlin till facies in Ireland, in Warren, W.P. and Croot, D.G. (eds) *Formation and Deformation of Glacial Deposits*, A.A. Balkema, Rotterdam, 127-137. (With Dardis, G.F. and Harvey, P.M.)
- (1994) Carbonate deposition in turloughs (seasonal lakes) on the western limestone lowlands of Ireland, II: The sedimentary record, *Irish Geography*, 27(1), 28-35. (With Coxon, C.E.)
- (1994) Climatic deterioration and the end of the Gortian Interglacial in sediments from Derrynadivva and Burren Townland, near Castlebar, County Mayo, Ireland, *Journal of Quaternary Science*, 9(1), 33-46. (With Hannon, G. and Foss, P.)
- (1994) (ed.) *Clare Island and Inisbofin*, Irish Association for Quaternary Studies (IQUA), Dublin, 105pp. (With O'Connell, M.)
- (1995) The genesis of the brown boulder clay of Dublin, *Quarterly Journal of Engineering Geology*, 28, 143-152. (With Doff, D.H., Farrell, E.R. and Pried'homme, L.)
- (1995) The floristic record of Ireland's Pleistocene temperate stages, in Preece, R.C. (ed.) *Island Britain; A Quaternary Perspective*, Geological Society Special Publication No. 96, 243-268.

See also McCABE, A.M.

CULLETON, N.

- (1994) Sustainability in Irish agriculture, *Irish Geography*, 27(1), 36-47. (With Tunney, H. and Coulter, B.)

DARDIS, G.F.

- (1992) Sedimentology of lee-side stratification sequences: Derrylard drumlin, in McCabe, A.M., Dardis, G.F. and Harvey, P.M. (eds) *Glacial Sedimentology in Northern and Western Ireland*, Anglia Polytechnic University, Cambridge, 21-26 (With McCabe, A.M.)
- (1992) Facies of subglacial channel sedimentation in drumlins: Jerrettspass, in McCabe, A.M., Dardis, G.F. and Harvey, P.M. (eds) *Glacial Sedimentology in Northern and Western Ireland*, Anglia Polytechnic University, Cambridge, 27-36. (With McCabe, A.M.)
- (1992) Sedimentology of a late Pleistocene icemarginal moraine complex: Killard Point, in McCabe, A.M., Dardis, G.F. and Harvey, P.M. (eds) *Glacial Sedimentology in Northern and Western Ireland*, Anglia Polytechnic University, Cambridge, 51-60. (With McCabe, A.M. and Harvey, P.M.)
- (1992) Cross-valley moraine zone, in McCabe, A.M., Dardis, G.F. and Harvey, P.M. (eds) *Glacial Sedimentology in Northern and Western Ireland*, Anglia Polytechnic University, Cambridge, 61-114.
- (1992) Lee-side deposits at Shinnan Hill, in McCabe, A.M., Dardis, G.F. and Harvey, P.M. (eds) *Glacial Sedimentology in Northern and Western Ireland*, Anglia Polytechnic University, Cambridge, 127-140. (With Harvey, P.M.)
- (1992) Late Pleistocene-early Holocene wave-influenced sediments, Keel, Achill Island, in McCabe, A.M., Dardis, G.F. and Harvey, P.M. (eds) *Glacial Sedimentology in Northern and Western Ireland*, Anglia Polytechnic University, Cambridge, 161 (With McCabe, A.M.)
- (1992) Sedimentology of coarse-clastic perimarine sediments, Cathedral Falls, Achill Island, in McCabe, A.M., Dardis, G.F. and Harvey, P.M. (eds) *Glacial Sedimentology in Northern and Western Ireland*, Anglia Polytechnic University, Cambridge, 161-162. (With McCabe, A.M.)
- (1992) Tullywee delta, in McCabe, A.M., Dardis, G.F. and Harvey, P.M. (eds) *Glacial Sedimentology in Northern and Western Ireland*, Anglia Polytechnic University, Cambridge, 164. (With McCabe, A.M.)
- (1992) Water escape structures in a late Pleistocene drumlin, Kanrawer, in McCabe, A.M., Dardis, G.F. and Harvey, P.M. (eds) *Glacial Sedimentology in Northern and Western Ireland*, Anglia Polytechnic University, Cambridge, 206. (With McCabe, A.M.)
- (1992) Sedimentology of the Barna drumlins, Galway Bay, in McCabe, A.M., Dardis, G.F. and Harvey, P.M. (eds) *Glacial Sedimentology in Northern and Western Ireland*, Anglia Polytechnic University, Cambridge, 218. (With McCabe, A.M.)
- (1994) Late glacial re-sedimentation of drumlin till facies in Ireland, in Croot, D.G. and Warren, W. (eds) *Formation and Deformation of Glacial Deposits*, A.A. Balkema, Rotterdam, 127-137. (With Harvey, P.M. and Coxon, P.)
- (1994) Subglacial processes, sediments and landforms - an introduction, *Sedimentary Geology*, 91, 1-5. (With McCabe, A.M.)

DARGAN, P.

- (1994) The morphology of Irish towns. Part 1 - urban genesis, *Geographical Viewpoint*, 22, 49-60.

DAULTREY, S.

- (1994) Climate variability in Ireland: are there signals amongst the noise? in Feehan, J. (ed.) *Climate variation and Climate Change in Ireland*, UCD Environmental Institute, Dublin, 26-40.

DAVIES, K.M.

- (1992) A bibliography of the writings of J.H. Andrews, in Aalen, F.H.A. and Whelan, K. (eds) *Dublin City and County: From Prehistory to Present*, Geography Publications, Dublin, 425-440. (With Haworth, R.)
- (1993) For health and pleasure in the British fashion: Bray, Co. Wicklow, as a tourist resort, 1750-1914, in O'Connor, B. and Cronin, M. (eds) *Tourism in Ireland: A Critical Analysis*, Cork University Press, Cork, 29-48.
- (1994) Bray, in Simms, A. and Andrews, J.H. (eds) *Irish Country Towns*, Mercier Press, Cork, 131-141.

See also ANDREWS, J.H.

DEVOY R.J.N.

- (1991) The study of inferred patterns of Holocene sea-level change from Atlantic and other European coastal margins as a means of testing models of earth crustal behaviour, in Sabadini, R. et al. (eds) *Glacial Isostasy, Sea-Level and Mantle Rheology*, Kluwer Academic Publications, Dordrecht, 213-236.
- (1991) Sea-level changes in Ireland: past impacts and future prospects, in Kiely, G., McKeogh, E.J. and O'Kane, J.P.J. (eds) *Proceedings of the First Irish Environmental Engineering Conference*, Dept. of Civil Engineering, U.C.C., Cork, 135-150.
- (1992) Questions of coastal protection and the human response to sea-level rise in Ireland and Britain, *Irish Geography*, 25(1), 1-22.
- (1992) (ed.) *Coastal Management and Engineering: A Workshop* (Proceedings of the First Irish Coastal Management and Engineering Workshop, Cork, Nov. 1990), Resource and Environmental Management Unit, Occasional Publication No. 2, U.C.C., Cork. (Co-edited with O'Mahoney, A.)
- (1992) Climate, sea-level change and Ireland: the nature of the management problem, present and future, in Devoy, R.J.N. and O'Mahoney, A. (eds) *Coastal Management and Engineering: A Workshop*, Resource and Environmental Management Unit, Occasional Publication No. 2, U.C.C., Cork.
- (1993) The determination and impact of relative sea-level changes, and the significance of climate induced events in such changes, upon Atlantic European coasts, *Terra Nova*, 5, 613. (With Delaney, C.)
- (1993) Evidence of sea-level and coastal control changes upon Atlantic European coasts, in van de Plassche, O. (ed.) *Quaternary Coastal Evolution Models, Processes and Local to Global Factors*, Extended Abstracts Volume, IGCP Project 274, Final Symposium Meeting, Oostduinkerke, Belgium, 26-30. (With Delaney, C.)
- (1994) Climate change and coastal management, in Feehan, J. (ed.) *Climate Change in Ireland*, Environmental Institute, University College Dublin, 100-104.
- (1994) Holocene environments in the Hawkesbury valley, New South Wales: a comparison of terrestrial and marine records, *Quaternary Science Reviews*, 13, 1-16. (With Dodson, J. R., Thom, B. G. and Nichols, S.)
- (1995) Deglaciation, earth crustal behaviour and sea-level changes in the determination of insularity: a perspective from Ireland, *Geological Society Special Publication*, 96, 181-208.

- (1995) Evidence from sites in Western Ireland of late Holocene changes in coastal environments, *Marine Geology*, 124, 273-287. (With Delaney, C.)
- (1995) Late Quaternary sea-level changes and the repercussions of glaciation upon continental shelf areas, *Terra Nova*, 7, 239-242. (With Plag, H-P., Austin, W. and Belknap, D.F.)
- (1995) Applications of Geographic Information Systems to coastal management approaches in Ireland, in Healy, M. and Doody, P. (eds) *Directions in European Coastal Management*, European Union of Coastal Conservation, Leiden, 235-242. (With McCall, S.)
- (1995) The application of dynamic segmentation in the development of a coastal Geographic Information System, in Furness, R. (ed.) *Coast GIS '95: International Symposium on GIS and Computer Mapping for Coastal Zone Management*, International Geographical Union, Canberra, 303-312. (With McCall, S., O'Connell, I., Bartlett, D.J. and Roche, C.)
- See also CARTER, W.R.G. and COXON, P.

DOHERTY, P.

- (1993) Agape to Zoroastrian: religious denomination in Northern Ireland 1961 to 1991, *Irish Geography*, 26(1), 14-21.
- (1995) *Ethnic Residential Segregation in Belfast*, Centre for the Study of Conflict, University of Ulster, Coleraine, 116pp. (With Poole, MA)
- (1995) Church attendance in Ireland: a survey of student behaviour, *Studies*, 84(335), 278-292. (With Pringle, D.G.)

DONOVAN, I.

- (1993) Geographic literacy and ignorance: a study of Dublin adults and school children, *Geographical Viewpoint*, 21, 73-92.

DOUGLAS, J.N.H.

- (1992) The Northern Ireland-Irish Republic boundary, *Espace, Populations, Societies*, 1992, No 2, 215-226. (With Compton, P.A.)
- (1992) Critical geography and cultural geography, *Espace, Population, Societies*, 1993, No 1, 394-396. (With Compton, P.A.)
- (1993) Amorphous peoples will not succeed - a lesson from the North, *Political Geography*, 12(2), 155-161.
- (1994) State formation and nation building in plural societies, in Dikshit, R.D. (ed.) *Developments in Political Geography. Progress in Theory and Practice*, Sage, London.

DREW, D.P.

- (1991) Karstification during the Holocene, in *The Post-Glacial Period. Fresh Perspectives*, Irish Association for Quaternary Studies, Dublin, 14-16.
- (1992) Hydrogeology of karstic terrains of Ireland, in *Hydrogeology of Selected Karst Regions*, International Association of Hydrogeologists, Heise, Hanover, 11-24.
- (1992) Water resource management and water tracing in a lowland karstic aquifer, western Ireland, in Hotzl, H. and Werner, A. (eds) *Tracer Hydrology*, Rotterdam, 221-5.
- (1993) *Groundwater and Karstification in Mid-Galway, South Mayo and North Clare*, Geological Survey of Ireland, Report Series 93/3, Dublin. (With Daly, D.)

DAULTREY, S.

- (1994) Climate variability in Ireland: are there signals amongst the noise? in Feehan, J. (ed.) *Climate variation and Climate Change in Ireland*, UCD Environmental Institute, Dublin, 26-40.

DAVIES, K.M.

- (1992) A bibliography of the writings of J.H. Andrews, in Aalen, F.H.A. and Whelan, K. (eds) *Dublin City and County: From Prehistory to Present*, Geography Publications, Dublin, 425-440. (With Haworth, R.)
- (1993) For health and pleasure in the British fashion: Bray, Co. Wicklow, as a tourist resort, 1750-1914, in O'Connor, B. and Cronin, M. (eds) *Tourism in Ireland: A Critical Analysis*, Cork University Press, Cork, 29-48.
- (1994) Bray, in Simms, A. and Andrews, J.H. (eds) *Irish Country Towns*, Mercier Press, Cork, 131-141.

See also ANDREWS, J.H.

DEVOY R.J.N.

- (1991) The study of inferred patterns of Holocene sea-level change from Atlantic and other European coastal margins as a means of testing models of earth crustal behaviour, in Sabadini, R. et al. (eds) *Glacial Isostasy, Sea-Level and Mantle Rheology*, Kluwer Academic Publications, Dordrecht, 213-236.
- (1991) Sea-level changes in Ireland: past impacts and future prospects, in Kiely, G., McKeogh, E.J. and O'Kane, J.P.J. (eds) *Proceedings of the First Irish Environmental Engineering Conference*, Dept. of Civil Engineering, U.C.C., Cork, 135-150.
- (1992) Questions of coastal protection and the human response to sea-level rise in Ireland and Britain, *Irish Geography*, 25(1), 1-22.
- (1992) (ed.) *Coastal Management and Engineering: A Workshop* (Proceedings of the First Irish Coastal Management and Engineering Workshop, Cork, Nov. 1990), Resource and Environmental Management Unit, Occasional Publication No. 2, U.C.C., Cork. (Co-edited with O'Mahoney, A.)
- (1992) Climate, sea-level change and Ireland: the nature of the management problem, present and future, in Devoy, R.J.N. and O'Mahoney, A. (eds) *Coastal Management and Engineering: A Workshop*, Resource and Environmental Management Unit, Occasional Publication No. 2, U.C.C., Cork.
- (1993) The determination and impact of relative sea-level changes, and the significance of climate induced events in such changes, upon Atlantic European coasts, *Terra Nova*, 5, 613. (With Delaney, C.)
- (1993) Evidence of sea-level and coastal control changes upon Atlantic European coasts, in van de Plassche, O. (ed.) *Quaternary Coastal Evolution Models, Processes and Local to Global Factors*, Extended Abstracts Volume, IGCP Project 274, Final Symposium Meeting, Oostduinkerke, Belgium, 26-30. (With Delaney, C.)
- (1994) Climate change and coastal management, in Feehan, J. (ed.) *Climate Change in Ireland*, Environmental Institute, University College Dublin, 100-104.
- (1994) Holocene environments in the Hawkesbury valley, New South Wales: a comparison of terrestrial and marine records, *Quaternary Science Reviews*, 13, 1-16. (With Dodson, J. R., Thom, B. G. and Nichols, S.)
- (1995) Deglaciation, earth crustal behaviour and sea-level changes in the determination of insularity: a perspective from Ireland, *Geological Society Special Publication*, 96, 181-208.

- (1995) Evidence from sites in Western Ireland of late Holocene changes in coastal environments, *Marine Geology*, 124, 273-287. (With Delaney, C.)
- (1995) Late Quaternary sea-level changes and the repercussions of glaciation upon continental shelf areas, *Terra Nova*, 7, 239-242. (With Plag, H-P., Austin, W. and Belknap, D.F.)
- (1995) Applications of Geographic Information Systems to coastal management approaches in Ireland, in Healy, M. and Doody, P. (eds) *Directions in European Coastal Management*, European Union of Coastal Conservation, Leiden, 235-242. (With McCall, S.)
- (1995) The application of dynamic segmentation in the development of a coastal Geographic Information System, in Furness, R. (ed.) *Coast GIS '95: International Symposium on GIS and Computer Mapping for Coastal Zone Management*, International Geographical Union, Canberra, 303-312. (With McCall, S., O'Connell, I., Bartlett, D.J. and Roche, C.)
- See also CARTER, W.R.G. and COXON, P.

DOHERTY, P.

- (1993) Agape to Zoroastrian: religious denomination in Northern Ireland 1961 to 1991, *Irish Geography*, 26(1), 14-21.
- (1995) *Ethnic Residential Segregation in Belfast*, Centre for the Study of Conflict, University of Ulster, Coleraine, 116pp. (With Poole, MA)
- (1995) Church attendance in Ireland: a survey of student behaviour, *Studies*, 84(335), 278-292. (With Pringle, D.G.)

DONOVAN, I.

- (1993) Geographic literacy and ignorance: a study of Dublin adults and school children, *Geographical Viewpoint*, 21, 73-92.

DOUGLAS, J.N.H.

- (1992) The Northern Ireland-Irish Republic boundary, *Espace, Populations, Societies*, 1992, No 2, 215-226. (With Compton, P.A.)
- (1992) Critical geography and cultural geography, *Espace, Population, Societies*, 1993, No 1, 394-396. (With Compton, P.A.)
- (1993) Amorphous peoples will not succeed - a lesson from the North, *Political Geography*, 12(2), 155-161.
- (1994) State formation and nation building in plural societies, in Dikshit, R.D. (ed.) *Developments in Political Geography. Progress in Theory and Practice*, Sage, London.

DREW, D.P.

- (1991) Karstification during the Holocene, in *The Post-Glacial Period. Fresh Perspectives*, Irish Association for Quaternary Studies, Dublin, 14-16.
- (1992) Hydrogeology of karstic terrains of Ireland, in *Hydrogeology of Selected Karst Regions*, International Association of Hydrogeologists, Heise, Hanover, 11-24.
- (1992) Water resource management and water tracing in a lowland karstic aquifer, western Ireland, in Hotzl, H. and Werner, A. (eds) *Tracer Hydrology*, Rotterdam, 221-5.
- (1993) *Groundwater and Karstification in Mid-Galway, South Mayo and North Clare*, Geological Survey of Ireland, Report Series 93/3, Dublin. (With Daly, D.)

- (1994) Geology and soils, caves, in *Burren, Co. Clare*, Irish Association of Quaternary Studies, Field Guide No. 18, Dublin, 1-4.
- (1994) Pollidubh and Cullaun 2 caves, in *Burren, Co. Clare*, Irish Association for Quaternary Studies, Field Guide No. 18, Dublin, 8-12.
- (1994) Geological note on megaliths in the Burren, in *Burren, Co. Clare*, Irish Association for Quaternary Studies, Field Guide No. 18, Dublin, 21.
- (1994) Ancient field boundaries, Ballyelly-Coolmeen area, Slieve Elva, in *Burren, Co. Clare*, Irish Association for Quaternary Studies, Field Guide No. 18, Dublin, 22-28.
- (1994) Environmental implications of land reclamation in the Burren, Co. Clare : a preliminary analysis, *Irish Geography*, 27(2), 81-96. (With Magee, E.)
- (1995) Potential groundwater contamination by silage effluent in the Burren, *Geological Survey of Ireland Groundwater Newsletter*, 26, 5-6.

DUFFY, P.J.

- (1992) Assisted emigration from the Shirley estate, 1843-54, *Clogher Record*, 14, 7-63
- (1993) *Landscapes of South Ulster: A Parish Atlas of the Diocese of Clogher*, Institute of Irish Studies, BelfaSt
- (1993) Irish Landscape heritage, *Newsletter of Group for the Study of Irish Historic Settlement*, 1, 5-6.
- (1994) The changing rural landscape: pictorial evidence, 1750-1850, in Kennedy, B. and Gillespie, R. (eds) *Art into History*, Town House, Dublin, and Rinchart, Colorado, 26-43.
- (1994) Conflicts in tourism and heritage, in Kockel, U, (ed.) *Culture, Tourism and Development. The case of Ireland*, Liverpool University Press, Liverpool, 77-87.
- (1995) Literary reflections on Irish migration in the nineteenth and twentieth centuries, in King, R., Connel, J. and White, R. (eds) *Writing Across Worlds: Literature and Migration*, Routledge, London, 20-39.
- (1995) Carrickmacross, in Simms, A. and Andrews, J.H. (eds) *More Irish Country Towns*, Mercier, Cork, 69-80.
- (1995) Perspectives on the making of the Cavan landscape, in Gillespie, R. (ed.) *Cavan - Essays on the History of an Irish County*, Irish Academic Press, Dublin, 14-37.

EASTWOOD, D.A.

- (1992) Technical aspects in the geography perception process, *Proceedings of V Coloquio De Geografia Cuantitativa, Zaragoza, 21-25 September 1992*, Departamento de Geografia V Ordencion del Territorio, Universidad de Zaragoza, 107-126.
- (1992) Amazonian colonization in Eastern Ecuador: land use conflicts in a planning vacuum, *Singapore Journal of Tropical Geography*, 13(2), 103-117. (With Pollard, J.H.)
- (1993) Aspects of contemporary return migration in Ireland: a case study, *Proceedings of the International Congress: The Cultural Periphery of Europe: Developmental and Sociocultural Problems*, Santiago de Compostela, 1-16. (With Frizelle, J.J.)
- (1994) *Growing a Green Economy: An Examination of Environmentally Based Economic Development And Employment Opportunities In Northern Ireland*, Report to The Department of Economic Development, Department Of Environmental Studies, University of Ulster, 42. (With Eaton, M.D., Nevin, G.H. and Stark, T.)
- (1994) *Growing a Green Economy: An Examination of Environmentally Based Economic Development And Employment Opportunities In Northern Ireland*, Executive Summary, Department of Environmental Studies, University of Ulster, 12. (With Eaton, M.D. and Stark, T.)

- (1995) Personality, perception and motivation in intra-rural migration: a case study in Merida State, Venezuela, *Revista Geografica Venezolana*, 34, 55-78.

See also CARTER, W.R.G.

EATON, M.

- (1991) The industrialisation of textile and clothing firms in Central Portugal, *Journal of the Association for Contemporary Iberian Studies*, 4(2), 47-57.
- (1991) Industrial assistance in Portugal: the role of the EFTA Fund, *Tijdschrift voor Economische en Sociale Geografie*, 82(3), 165-176.
- (1993) Portugal: the spatial impact of the EFTA industrial development fund, *Geoforum*, 24(4), 423-433.
- (1993) Foreign residences and illegal immigrants: os Negros em Portugal. *Ethnic and Racial Studies*, 16(3), 536-562.
- (1994) Regional development funding in Portugal, *Association of Contemporary Iberian Studies Journal*, 7, 36-46.
- (1995) British expatriate service provision in Spain's Costa del Sol, *The Service Industries Journal*, 15, 251-266.

See also EASTWOOD, D.

EDWARDS, C.J.W.

- (1991) Spatial changes in livestock production in Northern Ireland 1974-86, *Journal of Rural Studies*, 7(3), 277-283.
- (1992) Farm woodland policy: an assessment of the response to the farm woodland scheme in Northern Ireland, *Journal of Environmental Management*, 197-209. (With Guyer, C.F.)
- (1992) Changing farm enterprises, in Bowler, I.R. (ed.) *The Geography of Agriculture in Developed Market Economies*, Longman, Harlow, 134-161.
- (1994) Changing farm economies in Northern Ireland project: farm woodland survey. *Agroforestry Forum*, 5(1), 42-44. (With Guyer, C.F.)

EMERSON, H.J.

- (1995) Comparative bias between sampling frames for farm surveys, *Journal of Agricultural Economics*, 46(2), 241-251. (With MacFarlane, R.)

FINN, P.

- (1992) *Thinking European: Ideas for Integrating a European Dimension into the Curriculum*, Northern Curriculum Council, BelfaSt (With Keane, M.)

FLANAGAN, S.

- (1991) The role of the local authorities in developing a tourism strategy with specific reference to the Midlands East region, *Irish Geography*, 24(2), 136-143.

GALLAGHER, C.

- (1995) The fluvial concentration of heavy minerals in the Slieve Bloom mountains, central Ireland, *Irish Geography*, 28(1), 13-34. (With Thorp, M.B.)

GARDNER, C.M.K.

- (1991) Soil controls on recharge to aquifers, *Journal of Soil Science*, 41, 613-630. (With Cooper, J.D. and Mackenzie, N.)
- (1991) Groundwater recharge and water movement in the unsaturated zone, in Downing, R.A. and Wilkinson, W.B. (eds) *Advances in British Hydrology*, Oxford University Press, 54-76. (With Bell, J.P., Cooper, J.D., Darling, W.G. and Reeve, C.E.)
- (1994) A 15N tracer investigation into the importance of fissure flow in the Upper Chalk, *Journal of Hydrology*, 156, 459-469. (With Barraclough, D., Wellings, S.R. and Cooper, J.D.)

GIBSON, P.J.

- (1992) The interpretation of a major non-Caledonian structural lineament in northeast Ireland, *Irish Journal of Earth Sciences*, 11, 181-185. (With Lyle, P.)
- (1993) Evaluation of digitally processed geophysical data sets for the analysis of geological features in Northern Ireland, *International Journal of Remote Sensing*, 14(1), 161-170.
- (1993) Evidence for a major Tertiary dyke swarm in County Fermanagh, Northern Ireland, on digitally processed aeromagnetic imagery, *Special Paper Journal of the Geological Society*, London, 150, 37-38. (With Lyle, P.)
- (1993) Analysis and interpretation of major magnetic anomalies within the Tertiary basalts of northeast Ireland, *Irish Journal of Earth Sciences*, 12, 149-154. (With Lyle, P.)
- (1993) Geological and geomorphological applications of low-angle illumination satellite imagery in Northern Ireland, *Irish Geography*, 26(1), 58-64.
- (1994) Magnetometer profiling in the evaluation of potential waste disposal sites. *Proceedings of the Institute of Civil Engineers*, 107, 217-221. (With Lyle, P.)

GILLMOR, D.A.

- (1991) European perspectives on geography teaching, *Geographical Viewpoint*, 19, 102-108.
- (1991) Land ownership and farm size in the Republic of Ireland: stability and change, in Brunet, P. (ed.) *Rural France and Great Britain*, Centre de Recherches sur l'Evolution de la Vie Rurale, Université de Caen, Caen, 99-122.
- (1991) Demographic growth in Irish villages, in Leroy, M. (ed.) *Regional Development Around the North Atlantic Rim*, International Society for the Study of Marginal Regions and University of Cape Breton Press, Cape Breton, Canada, 555-72.
- (1991) Europe in the teaching of geography in the Republic of Ireland, in De Vecchis, G. (ed.) *The Teaching of Geography in a Changing Europe*, Serie Didattica Fascicolo 2, Libera Università 'Maria SS Assunta', Italy 23-43. (With King, R.)
- (1991) Third world experience: Malawi, *The Leitrim Guardian*, 23, 15-16.
- (1991) Republic of Ireland, *Eurogeo 5 - Agricultural Production*, 51-3.
- (1991) Agri without aggro, in Smyth, D. (ed.) *Opening the Field: Rural Perspectives*, Fortnight Educational Trust, Belfast, 12-13.
- (1992) Agricultural impacts and the Irish environment, *Geographical Viewpoint*, 20, 5-22.

- (1992) Dublin city's countryside, in Aalen, F.H.A. and Whelan, K. (eds) *Dublin City and County: From Prehistory to Present - Studies in Honour of J.H. Andrews*, Geography Publications, Dublin, 359-78.
- (1992) Farm diversification in Ireland: evidence from County Wicklow, *Irish Geography*, 25(1), 23-32. (With Kelly, C.E. and Ilbery, B.W.)
- (1992) The upsurge in private afforestation in the Republic of Ireland, *Irish Geography*, 25(1), 89-97.
- (1992) *Ireland: An Outline Geography*, Department of Foreign Affairs, Dublin, 6pp. (With Haughton, J.P.)
- (1992) Les mutations de l'agriculture en République d'Irlande: 1960-1990, *Hommes et Terres du Nord*, 2, 72-8.
- (1992) Twenty-nine articles on counties and provinces in the Republic of Ireland, in *The World Book Encyclopedia (International)*, World Book, London, 50pp.
- (1992) Organic agriculture in the Republic of Ireland, *Irish Geography*, 25(2), 149-59. (With Willer, H.)
- (1993) Afforestation in the Republic of Ireland, in Mather, A. (ed.) *Afforestation: Policy, Planning and Progress*, Belhaven, London and Florida, 34-48.
- (1993) Agricultural development in a Third World context: Malawi, in Jager, H. (ed.) *Internationale Beitrage zur geographischen Fachdidaktik und zur Regionalgeographie: Liber Amicorum Gunter Niemz*, Johann Wolfgang Goethe-Universität, Frankfurter Beitrage zur Didaktik der Geographie 12, Frankfurt am Main, 186-96.
- (1993) Rural Ireland and the Common Agricultural Policy, in King, R. (ed.) *Ireland, Europe and the Single Market*, Geographical Society of Ireland, Special Publication No. 8, Dublin, 84-100. (With Walsh, J.A.)
- (1993) Geographical patterns of tourism between Ireland and Europe, in King, R. (ed.) *Ireland, Europe and the Single Market*, Geographical Society of Ireland, Special Publication No. 8, Dublin, 110-27.
- (1993) County-level variations in agricultural adjustment in Ireland in the 1980s, *Geographical Viewpoint*, 21, 25-44. (With Walsh, J.A.)
- (1993) Topographical mapwork in geographical education, *Geographical Viewpoint*, 21, 101-09. (With Waddington, S.B.)
- (1993) Republic of Ireland, *Eurogeo 6 - Traffic and Transport*, 48-50.
- (1993) (ed.) *Our Way of Life: Heritage, Wildlife, Countryside, People*, Wolfhound, Dublin, 215 pp.
- (1993) Tourism in the Republic of Ireland, in Pompl, W. and Lavery, P. (eds) *Tourism in Europe: Structures and Developments*, C.A.B. International, Wallingford, Oxford, 149-66.
- (1994) (ed.) *Rural Land Use on the Atlantic Periphery of Europe: Scotland and Ireland*, Royal Irish Academy, Dublin, 219pp. (Co-edited with Fenton, A.)
- (1994) Irish land use in the twentieth century, in Fenton, A. and Gillmor, D.A. (eds) *Rural Land Use on the Atlantic Periphery of Europe: Scotland and Ireland*, Royal Irish Academy, Dublin, 55-73.
- (1994) Recent trends and patterns in Irish tourism, in Breathnach, P. (ed.) *Irish Tourism Development*, Geographical Society of Ireland, Special Publication No. 9, Maynooth, 1-28.
- (1994) International testing in geography: Ireland and the InterGeo project, *Geographical Viewpoint*, 22, 5-20.
- (1994) Tourism development and impact in the Republic of Ireland, in Kockel, U. (ed.) *Culture, Tourism and Development: the Case of Ireland*, Liverpool University Press, Liverpool, 17-34.
- (1995) Diversification on farms in the development of marginal regions: potential opportunities and constraints, in Byron, R. (ed.) *Economic Futures on the North Atlantic Margin*, Avebury, Aldershot, 163-181.



- (1995) Ireland, *Eurogeo 7 - Demography and Migration*, 44-46.
- (1995) The British Isles: tourism and regional development, in Montanari, A. and Williams, A.M. (eds), *European Tourism: Regions, Spaces and Restructuring*, Wiley, Chichester. (With Williams, A.M.)
- (1995) Geography and the White Paper on education, *Geographical Viewpoint*, 23, 130-136.
- See also CAWLEY, M.

GRAHAM, B.J.

- (1992) A conflict of interests: the European Commission's proposals for competition in the scheduled airline industry, *Area*, 24(2), 245-252.
- (1992) Landlords, planning and urban growth in eighteenth and early nineteenth century Ireland, *Journal of Urban History*, 18(3), 308-329. (With Proudfoot, L.J.)
- (1993) (ed.) *A Historical Geography of Ireland*, Academic Press, London, 454pp. (Co-edited with Proudfoot, L.J.)
- (1993) Introduction: A perspective on Irish Historical Geography, in Graham, B.J. and Proudfoot, L.J. (eds) *A Historical Geography of Ireland*, Academic Press, London, 1-18. (With Proudfoot, L.J.)
- (1993) Early medieval Ireland: settlement as an indicator of economic and social transformation, C500 - 1100 AD, in Graham, B.J. and Proudfoot, L.J. (eds) *A Historical Geography of Ireland*, Academic Press, London, 19-57.
- (1993) The High Middle Ages, C1100 - 1350, in Graham, B.J. and Proudfoot, L.J. (eds) *A Historical Geography of Ireland*, Academic Press, London, 58-97.
- (1993) The regulation of deregulation: a comment on the liberalisation of the UK's scheduled airline industry, *Journal of Transport Geography*, 1(2), 125-131.
- (1993) Airline services and airport provision in Northern Ireland, 1983-1993: network patterns, policies and trends, *Irish Geography*, 26(1), 65-78.
- (1993) The nature and extent of urban and village foundation and improvement in eighteenth and early nineteenth century Ireland, *Planning Perspectives*, 8(4), 259-281. (With Proudfoot, L.J.)
- (1994) Heritage conservation and revisionist nationalism in Ireland, in Ashworth, G.J. and Larkham, P.J. (eds) *Building a New Heritage: Tourism, Culture and Identity in the New Europe*, Routledge, London, 135-158.
- (1994) Regulation and liberalisation in the UK scheduled airline industry, *Environment and Planning C*, 12, 87-107.
- (1994) No place of the mind: contested Protestant representations of Ulster, *Ecumene*, 1(3), 257-287.
- (1994) The search for the common ground: Estyn Evan's Ireland, *Transactions of the Institute of British Geographers*, 19(2), 183-201.
- (1994) A redefinition of Irish landscape: revisionist attitudes to landlords and their transformation of place, in Bethemont, J. (ed.) *L'Avenir des Paysages Ruraux Européens*, Collection les Chemins de la Recherche, Lyon, 95-98.
- (1994) *Urban Improvement in Provincial Ireland 1700-1840*, Group for the Study of Irish Historic Settlement, Athlone, 68pp. (With Proudfoot, L.J.)
- (1994) Town tenant protest in late nineteenth and early twentieth-century Ireland, *Irish Economic and Social History*, 21, 39-57. (With Hood, S.)

GRAHAM, E.

- (1993) The urban heat island in Dublin city during the summer months, *Irish Geography*, 26(1), 45-57.

GRIMES, S.

- (1991) Postwar Irish immigration in Australia, in King, R. (ed.) *Contemporary Irish Migration*, Geographical Society of Ireland, Special Publication No. 6, Dublin, 42-54.
- (1992) Ireland: the challenge of development in the European periphery, *Geography*, 77(1), 22-32.
- (1992) Information technology and regional development: the Irish experience, *Netcom* (Networks and Communications Studies, International Geographical Union), 6(1), 281-296.
- (1992) (ed.) *Planning and Development of Marginal Areas*, Centre for Development Studies, University College Galway, 179pp. (Co-edited with Ó Cinnéide, M.)
- (1992) Fostering indigenous entrepreneurship in the European periphery, in Ó Cinnéide, M. and Grimes, S. (eds) *Planning and Development of Marginal Areas*, Centre for Development Studies, University College Galway, 59-69.
- (1992) A geographer's view of Centesimus Annus, *Position Paper* 221, 187-192.
- (1992) Social networks among Irish migrants, in O'Sullivan, P. (ed.) *Patterns of Migration*, Vol. 1, The Irish World Wide, Leicester University Press, London, 164-182.
- (1992) Information and communication technologies: the prospects for rural areas, in Ó Cinnéide, M. and Cuddy, M. (eds) *Perspectives on Rural Development in Advanced Economies*, Centre for Development Studies, University College Galway, 123-135.
- (1992) Beyond economics: redefining development, *Administration*, 40(2), 125-133.
- (1992) Exploiting information and communication technologies for rural development, *Journal of Rural Studies*, 8(3), 269-278.
- (1992) Immigration policy and the settlement of postwar immigrants in Australian cities, in Senn, W. and Capone, G. (eds) *The Making of a Pluralist Australia 1950-1990*, Peter Lang, Berne, 113-125.
- (1993) Residential segregation in Australian cities: a literature review, *International Migration Review*, 27(1), 103-120.
- (1993) Indigenous entrepreneurship in a branch plant economy: the case of Ireland, *Regional Studies*, 27(5), 484-489.
- (1993) Causes and consequences of fertility decline, *Administration*, 41(1), 56-70.
- (1993) Exploring the potential of telecommunications: perspectives from the European periphery, in Bakis, H., Abler, R. and Roche, E.M. (eds) *Corporate Networks, International Telecommunications and Interdependence*, Belhaven Press, London, 31-49.
- (1993) Information technology and rural areas: myths and reality, *Information Technology in Developing Countries*, 3(4), 4-6.
- (1994) Information technology and the periphery: the case of Ireland, *Information Technology in Developing Countries*, 4(1), 8-10.
- (1994) Fertility decline in Western Europe, *Population Research Institute Review*, 4(1), 1-6.
- (1994) Low growth, falling competitiveness and high unemployment as Europe approaches the 21st century, *Administration*, 42(1), 67-91.
- (1994) The ideology of population control in the UN draft plan for Cairo, *Population Research and Policy Review*, 13(3), 209-224.
- (1994) Information technology and rural development: unique opportunity or potential threat?, *Entrepreneurship and Regional Development*, 6(3), 219-237. (With Lyons, G.)
- (1994) The Green Paper on European Social Policy, *Regional Studies*, 28(8), 827-831.

- (1994) Residential concentration of Vietnamese in Australian cities, *Geographical Viewpoint*, 22, 37-48.
- (1995) *Ireland the Challenge of Developing a European Peripheral Region*, LLASS Working Paper No. 15, Department of Geography, University College Dublin, 15pp.

GUYER, C.

- (1995) Cruising in the North-West of Ireland: an expanding tourism development opportunity, *Irish Geography*, 28(2), 105-117. (With Pollard, H.J.)

HALTON, P.

- (1993) Tourism usage issues in the Burren, *Irish Geography*, 26(2), 158-169.

HEALY, M.G.

- (1991) Holocene sediment stratigraphy and the generation of observed data - An example from Mount's Bay, Cornwall, south-west England, in Duplessey, J.C., Pons, A. and Fantechi, R. (eds) *Climate and Global Change*, Commission of the European Communities, Luxembourg, 325-336.
- (1994) Past and future mine waste sedimentation on the Cornish coast, in Delaney, C. (ed.) *Sea-Level Change and the Coastal Environment*, Irish Association for Quaternary Studies, Geological Survey of Ireland, 11-13.
- (1995) The lithostratigraphy and biostratigraphy of a Holocene coastal sediment sequence in Marazion Marsh, west Cornwall, U.K. with reference to sea-level movements, *Marine Geology*, 124, 237-252.
- (1995) (ed.) *Directions in European Coastal Management*. Samara Publishing, Tresaith, Cardigan, 556pp. (Co-edited with Doody, J.P.)
- (1995) European coastal management: an introduction, in Healy, M.G. and Doody, J.P. (eds) *Directions in European Coastal Management*, Samara Publishing, Tresaith, Cardigan, 1-8.

HENRY, H.

- (1991) An assessment of the suitability of a range of chemical and biological tracers to monitor the movement of septic tank effluents, *Irish Geography*, 24(2), 91-105.

HERRIES DAVIES, G.L.

- (1995) *North From The Hook: 150 Years Of The Geological Survey Of Ireland*, The Geological Survey of Ireland, Dublin, 342 pp.

HICKEY, K.

- (1991) Sand dune movements and sand deflation: an example from the Culbin Sands, North East Scotland, in Firth, C.R. and Haggard, BA (eds) *Late Quaternary Coastal Evolution in the Inner Moray Firth Field Guide*, City of London Polytechnic, 29-32.
- (1992) A flood chronology for Cork City and its climatological background, *Irish Geography*, 24(2), 81-90. (With Tyrrell, J.G.)

- (1993) The historical climatology of aspects of coastal change in Scotland since A.D. 1500 and their links with climate and sea-level change, *Terra Nova*, 5, Abstract Supplement No. 1, 614.

HOOD, S.

- (1993) Sources for the history of eighteenth and nineteenth century Irish estate towns, in Evans, M.D. and O Dúill, E. (eds) *Aspects of Genealogy. Proceedings of the First Irish Genealogical Congress*, Genealogical Office of Ireland, Naas, 150-161.
- (1995) Authenticating the heritage: documentary evidence for the planned Irish town, in Fenion, J. (ed.) *The Town - Conservation in the Urban Area*, Irish Georgian Society, Dublin, 78-87.
- (1995) The Strokestown Park House archive, *History Ireland*, 3(4), 11-15.
- (1995) The Famine in Strokestown Park House archive, *The Irish Review*, 17/18, 107-119.
- (1995) Birr County Offaly: its history and its records, *Irish Roots*, 3, 27-29.
- (1995) Birr County Offaly: its history and its records, part 2, *Irish Roots*, 4, 21-23.
- (1995) The landlord influence in the development of an Irish estate town: Strokestown, County Roscommon, *Irish Geography*, 28(2), 118-130.

See also GRAHAM, B.J.

HORNER, A.

- (1992) From city to city-region - Dublin from the 1930s to the 1990s, in Aalen, F.H.A. and Whelan, K. (eds) *Dublin - City and County: From Prehistory to Present*, Geography Publications, Dublin, 327-358.
- (1993) Dublin's expanding golfscape, *Irish Geography*, 26, 151-157.
- (1993) Dividing Ireland into geographical regions, *Geographical Viewpoint*, 21, 5-24.
- (1993) Dublin: change and response in the city-region, *The European City and its Region: How can the Co-ordination of Physical Planning be Achieved?*, Department of the Environment, Dublin, 61-74.
- (1994) Physical change and administrative response within the Dublin city-region during the twentieth century, *Acta Universitatis Carolinae, Geographica*, 29, 127-143.
- (1994) Golf course development: dilemmas of activity tourism, in Breathnach, P. (ed.) *Irish Tourism Development*, Geographical Society of Ireland, Special Publications No.9, Maynooth, 87-101.
- (1994) Maynooth, in Simms, A. and Andrews, J.H. (eds) *Irish Country Towns*, Mercier Press, Cork, 59-70.
- (1994) Sir Robert Kane's land classification maps - a mid-nineteenth century cartographic initiative, *Irish Geography*, 27, 107-121.
- (1995) Monasterevan, in Simms, A. and Andrews, J.H. (eds) *More Irish Country Towns*, Mercier, Cork, 94-105.
- (1995) *Maynooth*, Irish Historic Towns Atlas, No. 7, Royal Irish Academy, Dublin, 12pp text + 8 maps + 2 plates.

See also BARRINGTON, T.

HOURIHAN, K.

- (1991) Rural settlement and change near Bantry, 1600-1845, *Journal of the Bantry Historical Society*, 1, 44-53.
- (1991) Culture, politics and the recent urbanisation of the Republic of Ireland, in Bannon, M.J., Bourne, L.S. and Sinclair, R. (eds) *Urbanization and Urban Development - Recent Trends in a Global Context*, Services Industries Research Centre, University

- College, Dublin, for the International Geographical Union Commission on Urban Systems and Urban Development, Dublin, 141-150.
- (1992) Population change in Irish cities 1981-86: County Boroughs, suburbs and daily urban systems, *Irish Geography*, 25(2), 160-168.
- (1992) People, doughnuts and edge cities, *Living Heritage*, 9(2), 17-18.
- (1993) The Evolution and Influence of Planning in Cork, in O'Flanagan, P. and Buttimer, N. (eds) *Cork: History and Society*, Geography Publications, Dublin.
- (1995) Service changes in a central place system: County Tipperary, Ireland, 1966-1986, *Rural Sociology*, 60(2), 244-259. (With Lyons, D.)

JACKSON, D.W.T.

- (1992) Sand transport in a cliff top dune system at Fonte de Telha, Portugal, in Carter, R.W.G., Curtis, T.G.F. and Sheehy-Skeffington, M.J. (eds) *Coastal Dunes: Geomorphology, Ecology and Management for Conservation*, Balkema, Rotterdam, 81-92. (With Nevin, G.H.)
- (1993) Aeolian sediment transport under offshore wind conditions: implications for sediment budget calculations, in Hildebrand, L.P. (ed.) *Coastlines of Canada*, 59-72. (With Gares, P.A., Nordstrom, K.F., Sherman, D.J., Bauer, B.O., Davidson-Arnott, R.G.D., Carter, W.R.G. and Gomes, N.)

JENKINS, W.

- (1994) Rationalisation of the dairy co-operatives 1950-1990 in the Slieveardagh region, south Tipperary, *LLASS Working Paper Series 13*, Department of Geography, University College Dublin.

JESS, P.

- (1995) (ed.) *A Place in the World? Places, Cultures and Globalisation*, Oxford University Press / Open University Press, Oxford. (Co-edited with Massey, D.)
- (1995) The contestation of place, in Massey, D. and Jess, P. (eds) *A Place in the World? Places, Cultures and Globalisation*, Oxford University Press / Open University Press, Oxford. (With Massey, D.)
- (1995) Places and cultures in an uneven world, in Massey, D. and Jess, P. (eds) *A Place in the World? Places, Cultures and Globalisation*, Oxford University Press / Open University Press, Oxford. (With Massey, D.)

KEANE, M.

- (1994) Managing schools in Northern Ireland, in Peck, B. and Ramsey, H.A.R. (eds) *The Training of School Directors for the European Dimension, Volume 1: Managing Schools in Europe*, University of Strathclyde, 94-101. (With Ramsey, H.A.R.)
- (1994) Case studies of managing the European dimension in two schools in Northern Ireland, in Peck, B. and Ramsey, H.A.R. (eds) *The Training of School Directors for the European Dimension, Volume 2: School Managers and the European Dimension*, University of Strathclyde, 69-81.
- (1994) Issues for school directors in managing the European dimension, in Peck, B. and Ramsey, H.A.R. (eds) *The Training of School Directors for the European Dimension, Volume 2: School Managers and the European Dimension*, University of Strathclyde, 97-136. (With Antonouris, G, Peck, B. and Ramsey, H.A.R.)

- (1995) Success factors in introducing the European dimension, in Antonouris, G., Bonnier, G., Keane, M.C., Peck, B. and Ramsey, H.A.R. (eds) *The Training of School Directors for the European Dimension. Volume 3: School Directors and the European Dimension. Towards a Training Programme*, University of Strathclyde, 3-14. (With Ramsey, H.A.R.)
- (1995) Planning a local focus to make Europe a reality for pupils, in Antonouris, G., Bonnier, G., Keane, M.C., Peck, B. and Ramsey, H.A.R. (eds) *The Training of School Directors for the European Dimension. Volume 3: School Directors and the European Dimension. Towards a Training Programme*, University of Strathclyde, 53-58.
- (1995) *Geography with a European Dimension*, National Commission for the Teaching of Geography, Royal Irish Academy, Dublin. (With McCartan, C.)
- (1995) Tourism development and management on Inis Oírr: balancing competing trade-offs, in Harrison, L. and Husbands, W. (eds) *Issues in Tourism: Case Studies in Planning, Development and Marketing*. (With Cunningham, C and Ó Cinnéide, M.)
- See also BOAL, F.W. and FINN, P.

KELLY, C.E.

- (1992) The decline of the herbage seed production industry in Ireland, *Irish Geography*, 25(1), 98-101. (With Culleton, N. and McCarthy, V.)

KELLY, N.

- (1994) Levels of European awareness in a Dublin secondary school, *Geographical Viewpoint*, 22, 86-99.

KILLEN, J.E.

- (1991) Transport in Dublin: recent trends and future prospects, in MacLaran, A. (ed.) *Dublin in Crisis*, Trinity Papers in Geography 5, Department of Geography, Trinity College, Dublin, 26-34. Reprinted in O'Sullivan, J. (ed.) *Transport in Dublin: Policy and Practice*, An Taisce, Dublin, 1-8.
- (1992) Transport in Dublin: past, present and future, in Aalen, F.H.A. and Whelan, K. (eds) *Dublin City and County: from Prehistory to Present - Studies in Honour of J.H. Andrews*, Geography Publications, Dublin, 279-304.
- (1992) (ed.) *Bibliography of Irish Geography: Report to the 27th International Geographical Congress in Washington DC, August 1992*, Royal Irish Academy, Dublin, 64pp. (Co-edited with Smyth, W.J.)
- (1992) Geography in Ireland 1988-1992, in Killen, J.E. and Smyth, W.J. (eds) *Bibliography of Irish geography 1987-1991*, Royal Irish Academy, Dublin, 1-6.
- (1992) Public passenger transport in the Sligo region, *Living Heritage*, 89(1), 30-31.
- (1993) Ireland's transport links with Europe, in King, R. (ed.) *Ireland, Europe and the Single Market*, Geographical Society of Ireland, Special Publication No. 8, Dublin, 57-67.
- (1994) EC transport policy with particular reference to Ireland as a peripheral region, in Blackwell, M. and Williams, A.M. (eds) *The European Challenge: Geography and Development in the European Community*, Oxford University Press, Oxford, 196-224. (With Smyth, A.)
- (1994) *Geography and Environmental Studies: A Guide to University and College Courses*, Royal Irish Academy, Dublin, 64pp.

- (1994) Recollections from 1965-1967 from a geographer's perspective, in Wyse Jackson, P. (ed.) *In Marble Halls - Geology in Trinity College*, Dublin, Department of Geology, Trinity College, Dublin, 107-9.
- (1995) Amtrak Revisited, *Rail Travel News*, 527, 11-15.

KING, R.L.

- (1991) (ed.) *Contemporary Irish Migration*, Geographical Society of Ireland, Special Publication No. 6, Dublin, 121pp.
- (1991) Europe's metamorphic demographic map, *Town and Country Planning*, 60(4), 111-13.
- (1991) Italy: multi-faceted tourism, in Williams, A.M. and Shaw, G. (eds) *Tourism and Economic Development: Western European Experiences*, Belhaven, Press, London, Second Edition, 61-83.
- (1991) Charlotte Gower Chapman, in Winter, C. (ed.) *International Dictionary of Anthropologists*, Garland, New York, 106-08. (With Patterson, G.)
- (1991) Core-periphery in the structure of regional economies, in *Le Développement Régional Rural en Europe*, Université de Caen, Centre de Recherches sur l'Évolution de la Vie Rurale, Volume 14, 15-30.
- (1991) Migration as a problem in regional rural development, in *Le Développement Régional Rural en Europe*, Université de Caen, Centre de Recherches sur l'Évolution de la Vie Rurale, Volume 14, 37-47.
- (1991) Italy: from sick man to rich man of Europe, *Geography*, 77(2), 153-69.
- (1992) From Milocca to Milena: the geo-anthropology of rural settlement change in central Sicily, *Papeles de Geografía*, 18, 129-58. (With Patterson, G.)
- (1992) The heterogeneity of rural Europe: posing the strategic issues, in Ó Cinnéide, M. and Cuddy, M. (eds) *Perspectives on Rural Development in Advanced Economies*, Centre for Development Studies and Social Sciences Research Centre, University College Galway, Galway, 37-50.
- (1992) *Patterns of Italian Migrant Labour: The Historical and Geographical Background*, University of Bristol, Centre for Mediterranean Studies, Occasional Paper No. 4, Bristol, 35pp.
- (1992) The evolution of the Italian community in Dublin, *Tuttitalia*, 5, 6-13. (With Reynolds, B.)
- (1992) Emigrants, returnees and non-migrants: Achill islanders at home and abroad, *Studi Emigrazione*, 106, 241-65. (With McGrath, F.)
- (1992) A note on the Irish in Rome, *Irish Geography*, 25(2), 188-94. (With Arbuckle, L.)
- (1992) Regional contrasts in Italy in the national curriculum, *Teaching Geography*, 17(3), 99-106.
- (1993) Italy reaches zero population growth, *Geography*, 73(1), 63-9.
- (1993) (ed.) *Mass Migrations in Europe: The Legacy and the Future*, Belhaven, London, 334pp.
- (1993) Introduction: Europe and the future of mass migration, in King, R. (ed.) *Mass Migrations in Europe, the Legacy and the Future*, Belhaven, London, 1-4. (With Öberg, S.)
- (1993) European international migration 1945-90: a statistical and geographical overview, in King, R. (ed.) *Mass Migrations in Europe: the Legacy and the Future*, Belhaven, London, 19-39.

See also GILLMOR, D.A.

KOCKEL, U.

- (1991) Countercultural migrants in the West of Ireland, in King, R. (ed.) *Contemporary Irish Migration*, Geographical Society of Ireland, Special Publication No. 6, Dublin, 70-82.
- (1991) *Regions, Borders and European Integration: Ethnic Nationalism in Euskadi, Schleswig and Ulster*. Occasional Papers in Irish Studies No.4, University of Liverpool.
- (1992) Provisory economy and regional development: towards a conceptual integration of informal activities, in Tykkyläinen, M. (ed.) *Development Issues and Strategies in the New Europe*, Avebury, Aldershot, 101-119.
- (1992) Mythos and Identität: Der Konflikt im Spiegel der Volkskultur, in Elvert, J. (ed.) *Das Nordirlandproblem in Geschichte und Gegenwart/The Northern Ireland Question, Past and Present*. Franz Steiner, Stuttgart.
- (1992) Towards a European perspective on Irish studies: a personal view, *Irish Ways*, 3, 24-27.
- (1992) Different Irelands: the problem of context in Irish ethnography, *Anthropological Journal on European Cultures*, 1(2), 7-36. (With Ruane, J.)
- (1993) Irish migration to mainland Europe: observations from Southern Germany, in King, R. (ed.) *Ireland, Europe and the Single Market*, Geographical Society of Ireland, Special Publications No. 8, Dublin, 128-136.
- (1993) The gentle subversion: informal economy and regional development in the West of Ireland, *European Library of Irish Studies*, Vol. 2, ESIS, Bremen, 183pp.
- (1994) Mythos und Identität: Der Konflikt im Spiegel der Volkskultur, in Elvert, J. (ed.) *Nordirland in Geschichte und Gegenwart/Northern Ireland - Past and Present*, HMRG Beiheft 9, Franz Steiner Wiesbaden, Stuttgart, 495-517.
- (1994) The Celtic quest: Beuys as magister ludi and hedge school master, in Thistlewood, D. (ed.) *Joseph Beuys - His Life and Work*, Tate Gallery and Liverpool University Press, Liverpool, 129-147.
- (1994) (ed.) *Culture, Tourism and Development: The Case of Ireland*. Liverpool University Press, Liverpool, ix+199pp.
- (1995) (ed.) *Landscape, Heritage and Identity, Case Studies in Irish Ethnography*. Liverpool University Press, Liverpool, 256pp.
- (1994) Heritage, Tourism and Development, in Munro, J. (ed.) *Cultural Tourism*, Gateway Europe, Hull, 1-14.
- (1995) Language and culture, *Manx Studies Research Review*, 1, 27-30.

LIVINGSTONE, D.N.

- (1991) Does geography have a nature?, *Annals of the Association of American Geographers*, 81, 334-337.
- (1991) The moral discourse of climate: historical considerations on race, place and virtue, *Journal of Historical Geography*, 17, 413-434.
- (1991) United Kingdom, in Dunbar (ed.) *Modern Geography: An Encyclopedic Survey*, Garland Publishing, New York and London, 184-187.
- (1991) Of design and dining clubs: geography in Britain and America, 1780-1860, *History of Science*, 29, 153-183.
- (1992) *The geographical tradition: episodes in the history of a contested enterprise*, Blackwell, Oxford and Cambridge, Ma.
- (1992) *The Preadamite theory and the marriage of science and religion*, American Philosophical Society, Philadelphia.
- (1992) In defence of situated messiness: geographical knowledge and the history of science, *GeoJournal*, 26, 228-229.
- (1992) 'Never shall ye make the crab walk straight': an inquiry into the scientific sources of American racial geography, in Diver, F. and Rose, G. (eds) *Nature and Science:*

- Essays in the History of Geographical Knowledge*, Historical Geography Research Series, No 28, 37-48.
- (1992) A geologist by profession, a geographer by inclination: Nathaniel Southgate S. Haler and geography at Harvard, in Elliott, C. and Rossiter, M. (eds) *Harvard University as a context for science: Historical Approaches at the end of Three and a Half Centuries*, Associated University Press, London and Toronto, 146-166.
- (1992) A brief history of geography, in Goudie, A. et al. (eds) *Students' Companion to Geography*, Blackwell, Oxford, 27-35.
- (1992) Darwinism and Calvinism: the Belfast-Princeton connection, *Isis*, 83, 408-428.
- (1993) Darwinism, in Johnston, R.J. et al. (eds) *Dictionary of Human Geography* (3rd ed.), Blackwell, Oxford, 119-121.
- (1993) Environmental determinism, in Johnston, R.J. et al. (eds), *Dictionary of Human Geography* (3rd ed.), Blackwell, Oxford, 162-164.
- (1993) Exploration, in Johnston, R.J. et al. (eds), *Dictionary of Human Geography* (3rd ed.), Blackwell, Oxford, 179-183.
- (1993) Geography, history of, in Johnston, R.J. et al. (eds), *Dictionary of Human Geography* (3rd ed.), Blackwell, Oxford, 223-227.
- (1993) Lamarck(jan)ism, in Johnston, R.J. et al. (eds), *Dictionary of Human Geography* (3rd ed.), Blackwell, Oxford, 312-314.
- (1993) Social Darwinism, in Johnston, R.J. et al. (eds), *Dictionary of Human Geography* (3rd ed.), Blackwell, Oxford, 559-561.
- (1994) Classics in human geography revisited: commentary on David Lowenthal 'Geography, experience and imagination: towards a geographical epistemology', *Progress in Human Geography*, 18, 209-210.
- (1994) Climate's moral economy: science, race and place in post-Darwinian British and American geography, in Smith, N. and Godlewska, A. (eds) *Geography and Empire*, Blackwell, Oxford, 132-154.
- (1994) The historical roots of our ecological crisis: a reassessment, *Fides et Historia*, 26, 38-55.
- (1994) Science and religion: foreword to the historical geography of an encounter, *Journal of Historical Geography*, 20, 367-383.
- (1994) (ed.) *Charles Hodge, What is Darwinism? and Other Writings on Science and Religion*, Grand Rapids, Baker. (Co-edited with Noll, MA)
- (1994) Lost in space, *The Times Higher Education Supplement*, 1114(11), March 1994, 15.
- (1994) Of evolution and revolution: situating the devil's chaplain, *Journal of Historical Geography*, 20, 197-203.
- (1994) A commentary on Darwin, *Journal of the American Scientific Affiliation*, 46, 123-127.
- (1995) The spaces of knowledge: contributions towards a historical geography of science, *Society and Space*, 13, 5-34.
- (1995) The polity of nature: representation, virtue, strategy, *Ecumene*, 2, 353-377.
- (1995) Geographical traditions, *Transactions of the Institute of British Geographers*, NS, 20, 420-422.
- (1995) Conversing with my critics, *Scottish Geographical Magazine* 111, 197-198.
- McALISTER, J.J.**
- (1995) Mineralogy, chemistry and palaeoenvironmental significance of an early Terra Rossa from N Ireland: a preliminary review, *Geomorphology*, 12, 63-73. (With Smith, B J)
- (1995) A rapid preparation technique for x-ray diffraction analysis of clay minerals in weathered rocks, *Microchemical Journal*, 52, 53-61. (With Smith, B J)
- (1995) A pressure membrane technique to prepare clay samples for x-ray diffraction analysis, *Journal of Sedimentary Research*, A65, 569-571. (With Smith, B J)

- (1994) Clays in weathered granitoid rocks: an improved technique for the identification of minerals in low concentrations, in Bell, E. and Cooper, T.P. (eds) *Granite weathering and Conservation*, Director of Buildings Office, Trinity College, Dublin.

Mac AODHA, B.S.

- (1991) The big house in Ireland, in Genet, J. (ed.) *The Big House in Ireland: Reality and Representation*, Brandon Book Publishers, Dingle, 19-29.
- (1991) Distribution, function and architecture, in Genet, J. (ed.) *The Big House in Ireland: Reality and Representation*, Brandon Book Publishers, Dingle, 43-57.
- (1991) Ellimintí fisciúla in áitainmneacha Ard Mhacha, *Seanchas Ard Mhacha*, 14(2), 149-60.
- (1992) *Na Leaganacha Gaeilge d'Ainmneacha Sráideanna, Bóithre agus Eastát: Treoirilinte (Irish Versions of Street, Road and Estate Names: Guidelines)*, An Coimisiún Logainmneacha, Baile Átha Cliath. (With Mac Mathúna, L. and Ó Dubhthaigh, B.)
- (1992) The priest and the mass in Irish placenames, *Nomina*, 14, 77-82.
- (1992) Dobharainmneacha Chontae an Longfoirt, *Teathbha*, 2(3), 221-24.
- (1992) Áitainmneacha Béarla na mBaile Fearainn i gContae Chill Dara, *Studia Hibernica*, 26, 217-26.
- (1993) Murdoch Mackenzie's charts as a source for Irish place-names, *Nomina*, 15, 97-105.
- (1993) Some commemorative British place-names in Dublin city, *Nomina*, 16, 71-77.
- (1994) Aithint na n-áitainmneacha ar léarscáil Phetty: mionstaidéar ar lathar na Gaillimhe, *Ainm*, 5, 37-51.
- (1994) Áitainmneacha an Dúin Mhóir ar léarscáil Phetty, *Ainm*, 5, 85-91.
- (1995) *Eolaí Póca: Carraigeacha agus Mianraí*, An Gúm, Baile Átha Cliath, 128pp. (Aistriú ar *Rocks and Minerals*, le Fejer, E., Frampton, S. agus Fitzsimons, C.)
- (1995) Execution and Irish place-names, *Nomina*, 17.
- (1995) *Eolaí Póca: An Aimsir*, An Gúm, Baile Átha Cliath, 128pp. (Aistriú ar *Weather*, le Lawrence, E. agus van Loon, B.)
- (1995) *Eolaí Póca: Iontaisí*, An Gúm, Baile Átha Cliath, 128 pp. (Aistriú ar *Fossils*, le Gee, H., Fitzsimons, C. agus McCormick, S.)

McCABE, A.M.

- (1991) Glaciomarine deposits of the Irish Sea Basin: the role of glacioisostatic disequilibrium, in Ehlers, J., Gibbard, P.L. and Rose, J. (eds) *The Glacial Deposits of the British Isles*, Balkema, Rotterdam, 311-331. (With Eyles, N.)
- (1991) The distribution and stratigraphy of drumlins in Ireland, in Ehlers, J., Gibbard, P.L. and Rose, J. (eds) *The Glacial Deposits of the British Isles*, Balkema, Rotterdam, 421-435.
- (1992) (ed.) *Glacial sedimentology in Northern and Western Ireland, Field guide for symposium on subglacial processes, sediments and landforms, University of Ulster, July 1992*, Anglia Polytechnic University, Cambridge, 236pp. (Co-edited with Dardis, G.F. and Hanvey, P.M.)
- (1992) The Late Devensian (<22,000 BP) Irish Sea Basin: the sedimentary record of a collapsed ice sheet margin; discussion and reply, *Quaternary Science Reviews*, 11, 387-392. (With Eyles, N.)
- (1993) The 1992 Farrington Lecture: drumlin bedforms and related ice-marginal depositional systems in Ireland, *Irish Geography*, 26(1), 22-44.
- (1993) Glaciomarine facies from the western sector of the last British ice sheet, Malin Beg, Co. Donegal, Ireland, *Quaternary Science Review*, 12, 35-45. (With Bowen, D.E. and Penney, D.)

- (1993) A Carpinus-dominated interglacial peat ball within glaciomarine delta sediments, Blackwater, Co. Wexford: evidence for part of the last interglacial cycle? *Proceedings of the Geologists' Association*, 114, 201-207. (With Coxon, P.)
- (1994) Sand and gravel landscapes in Northern Ireland, *Earth Heritage*, 2, 18-22.
- (1994) Glaciotectonically induced water-throughflow structures in a Late Pleistocene drumlin, Kanrawer, County Galway, Western Ireland, *Sedimentary Geology*, 91, 173-190. (With Dardis, G.F.)
- (1994) Sedimentation in a subglacial lake, Enniskerry, eastern Ireland, *Sedimentary Geology*, 91(1), 57-95. (With O'Cofaigh, C.)
- (1994) A shallow marine emergent sequent from the northwestern sector of the last British ice sheet, Portballintrae, Northern Ireland, *Marine Geology*, 117, 19-34. (With Carter, R.W.G. and Haynes, J.R.)
- (1994) A late Devensian age for the basement till of Holderness, UK: a record of deformation beneath a surging ice sheet, *Quaternary Science Reviews*, 13, 727-759. (With Eyles, N. and Bowen, D.Q.)
- (1995) Late Pleistocene morainal bank facies at Greystones, eastern Ireland: an example of sedimentation during ice marginal re-equilibrium in an isostically depressed basin, *Sedimentology*, 42, 647-663. (With O'Cofaigh, C.)
- (1995) Fawnmore ice marginal terrace, in Wilson, P. (ed.) North-West Donegal, Field Guide No. 19, Irish association for Quaternary Studies, 67-70.
- (1995) Bloody Foreland - glacial sediments, in Wilson, P. (ed.) North-West Donegal, Field Guide No. 19, Irish association for Quaternary Studies, 73-76.
- See also DARDIS, G.F.

McCAFFERTY, D.

- (1993) *A Socio-Economic Profile of St Munchin's Parish, Limerick*, The Family Resource Centre, Ballynanty, 38pp.
- (1994) *Redesign Study for O'Malley Park*, O'Malley Park Estate Management Group, Limerick, 59pp.
- (1995) *Nominating and Reporting Procedures for the Board of the PAUL Partnership*, PAUL Partnership, Limerick.

McCLOSKEY, J.

- (1991) Evidence for chaotic behaviour in seismic wave scatterings, *Geophysical Research Letters*, 18(10), 1901-1904. (With Bean, C.J. and Jacob, A.W.B.)
- (1992) Time and magnitude predictions in shocks due to chaotic fault interactions, *Geophysical Research Letters*, 19(2), 119-122. (With Bean, C.J.)
- (1993) A hierarchical model for earthquake generation on coupled segments of a transform fault, *Geophysical Journal International*, 115, 538-551.
- (1993) An earthquake model with magnitude sensitive dynamics, *Geophysical Research Letters*, 20(13), 1403-1406. (With Bean, C.J. and O'Reilly, B.)
- (1993) Power-law random behaviour of seismic reflectivity in boreholes: implications for chaotic crustal deformation models, *Earth and Planetary Science Letters*, 117, 423-429. (With Bean, C.J.)
- See also CARTER, W.R.G.

Mac ÉINRÍ, P.

- (1991) The Irish in Paris: an aberrant community? in King, R. (ed.) *Contemporary Irish Migration*, Geographical Society of Ireland, Special Publication No. 6, Dublin, 32-42.
- (1992) La migration contemporaine Irlandaise: quelques perspectives, *L'Irlande Politique et Sociale*, No. 4, Spring, 105-115.

McENTEE, MA

- (1993) The use of magnetic susceptibility measurements to interpret soil history: an example from mid-County Down, *Proceedings of the Royal Irish Academy*, 93B, 3, 175-180.

Mac HAFFIE, F.

- (1995) Facilities for transit: the Congested Districts Board and steamship services, *Irish Geography*, 28(2), 91-104.

McKENNA, J.

- (1992) Coast erosion in Northeast Ireland - Part II: cliffs and shore platforms, *Irish Geography*, 25(2), 111-128. (With Carter, R.W.G. and Bartlett, D.)
- See also CARTER, W.R.G. and ORFORD, J.D.

MacLARAN, A.

- (1991) Creating the built environment: forces shaping the city of Dublin, in Bannon, M.J., Bourne, L.S. and Sinclair, R. (eds) *Urbanization and Urban Development - Recent Trends in a Global Context*, Services Industries Research Centre, University College, Dublin, for the International Geographical Union Commission on Urban Systems and Urban Development, Dublin, 163-73.
- (1991) *Offices 1991*, Hamilton Osborne King, Dublin, 40pp. (With O'Connell, R.)
- (1991) Serving the capital, in O'Sullivan, J. (ed.) *Transport in Dublin*, An Taisce, Dublin 75-8.
- (1991) (ed.) *Dublin in Crisis*, Trinity Papers in Geography No. 5, 42pp.
- (1991) Property development and the changing face of Dublin, in MacLaran, A. (ed.) *Dublin in Crisis*, Trinity Papers in Geography No. 5, 35-42.
- (1992) *HOK Offices 1992*, Hamilton Osborne King, Dublin, 32pp.
- (1992) Dublin: the creation of a regional problem, in Gorzelak, G. and Kuklinski, A. (eds) *Dilemmas of Regional Policies in Eastern and Central Europe*, European Institute for Regional and Local Development, University of Warsaw, Warsaw, 332-45.
- (1992) *Industrial Property Development in Dublin 1960-1991*, Sherry Fitzgerald, Dublin, 18pp. (With Wilson, K. and Drudy, P.J.)
- (1993) Inner area decline, state policy and the property development sector in Dublin, in Musil, J. (ed.) *Urban Planning and Environmental Policy in the Context of Political and Economic Changes in Central Europe*, Institute of Sociology, Academy of Sciences of the Czech Republic, Prague, 81-93.
- (1993) *Dublin: The Shaping of a Capital*, Belhaven, London, 242pp.
- (1993) *Offices 1993*, Hamilton Osborne King, Dublin, 32pp. (With O'Connell, R.)
- (1993) Dublin: a region in crisis, in *What Future for Dublin?* Dublin City Centre Business Association, Dublin, 17-19.
- (1994) Dublin: la genèse d'un problème régional/Dublin: the creation of a regional problem, *Régions d'Europe - Revue de l'Assemblée de Régions d'Europe*, August 1994, 17-

27. Reprinted in Ventura, J. (ed.) *Forum*, Scientific Committee of the Assembly of European Regions, 103-13.
- (1994) *HOK Offices 1994*, Hamilton Osborne King, Dublin, 26pp. (With Airey, P. and O'Connell, R.)
- (1994) *Dublin: Economic and Social Trends - Volume I*, Centre for Urban and Regional Studies, Trinity College, Dublin, 39pp. (With Drudy, P.J.)
- (1994) Irlanda, area periferica della Comunità Europea, in Santoro Lezzi, C. and Trono, A. (eds), *Prospettive Regionali del Mercato Unico*, Pàtron Editore, Bologna, 179-97. (With King, R.)
- (1995) *HOK Offices 1995*, Hamilton Osborne King, Dublin, 28pp. (With O'Connell, R.)

Mac LAUGHLIN, J.

- (1991) Difficulties in dating nations, *Multilingual & Multicultural Matters*, 19(6), 332-339.
- (1991) Social characteristics and destinations of recent emigrants from selected regions in the West of Ireland, *Geoforum*, 22(3), 319-331.
- (1991) Third World wars and the militarisation of underdevelopment, *Trocaire Development Review*, 73-90.
- (1991) Geopolitics and the politics of destruction - lesson of the Gulf War, *Ireland and the Wider World*, 41, 14.
- (1992) Geopolitics and the politics of destruction, *Third World Now*, 40, 9.
- (1992) Towards a critical geography of Irish partition, *Espace - Populations - Sociétés*, Sept., 1-6.
- (1993) Defending the frontiers: the political geography of race and racism in the European Community, in Williams, C. (ed.) *The Political Geography of the New World Order*, Belhaven Press, London, 20-45.
- (1993) Place, politics and culture in nation-building Ulster: constructing nationalist hegemony in post-Famine Donegal, *Canadian Review of Studies in Nationalism*, 20(4), 236-257.
- (1993) The changing world system: geocultural issues, *Journal of Multilingual and Multicultural Matters*, 14(6), 112-121.
- (1993) The politics of culture and race in African and Latin American literature, *Trocaire Development Review*.
- (1993) Emigration and the underdevelopment of rural Ireland, *International Migration*, 12(4), 312-348.
- (1994) Historical and Recent Irish Emigration: A Critique of Core-periphery and Behavioural Models, University of North London Irish Studies Occasional Papers Series.
- (1993) Geopolitics and geoculture in world-systems theorizing, *Studies in Comparative International Development*, 28(3), 110-142.
- (1993) France's overseas frontiers: départements et territoires d'outre-mer. A review essay, *History of European Ideas*, 15(6), 121-127.
- (1994) Ireland: The Emigrant Nursery and the World Economy, Undercurrent Series, Cork University Press, Cork.
- (1993) Emigration and the peripheralization of Ireland in the global economy: a world-system perspective. Review, *Journal of the Fernand Braudel Centre*, 17(2), 243-273.
- (1994) Globalization and territorial identities: a review of recent literature on the politics of place and cultural resistance, *Journal of Multilingual and Multicultural Development*, 12(3), 1-13.
- (1994) The familiar side of emigration, *The Irish Reporter*, 15.
- (1995) *The Travellers and Ireland: Whose History, Whose Country?* Undercurrent Series, Cork University Press, Cork.

- (1995) Commemorations, memories and myths: remembering the Great Famine, *The Irish Reporter*, 19, 3-5.
- (1995) What's new about 'new wave' emigration?, *Poverty Ireland*, March/April.
- (1995) The politics of nation-building in post-famine Donegal, in Nolan, W. et al. (eds) Donegal, Society and History, Geography Publications, Dublin, 324-368.

McLOUGHLIN, D.

- (1994) Women and sexuality in nineteenth century Ireland, *Irish Journal of Psychology*, 15(2/3), 266-275.
- (1994) A most peculiar eclipse: E. Estyn Evans and Irish studies, *Irish Review*, 15, 79-96.
- (1995) Superfluous and unwanted deadweight - the emigration of nineteenth century Irish pauper women, in O'Sullivan, P. (ed.) *The Irish World Wide: Vol. 4 Irish Women And Irish Migration*, Leicester University Press, 68-89.

MALONEY, B.K.

- (1991) Late quaternary sedimentation and palaeoclimates in a tropical river basin, North Thailand, National Research Council of Thailand, 56 pp. (With Bishop, P. and Godley, D.)
- (1991) River bank erosion and the decline of the Sisatchanalai ceramics industry of north central Thailand, *The Holocene*, 2, 159-163
- (1991) Palaeoenvironments of Khok Phanom Di: the pollen pteridophyte spore and microscopic charcoal record, in Highman, C.F.W. and Bannanurag, R. (eds) *The Excavation of Khok Phanom Di*, Research Reports of the Society of Antiquaries, London, 1-19.
- (1991) Khok Phanom Di: the physical environment, in Highman, C.F.W. and Bannanurag, R. (eds) *The Excavation of Khok Phanom Di*, Research Reports of the Society of Antiquaries, London, 21-44.
- (1991) Field and laboratory methods and problems of Interpretation, in Highman, C.F.W. and Bannanurag, R. (eds) *The Excavation of Khok Phanom Di*, Research Reports of the Society of Antiquaries, London, 45-52
- (1991) Sedimentary stratigraphy and dating, in Highman, C.F.W. and Bannanurag, R. (eds) *The Excavation of Khok Phanom Di*, Research Reports of the Society of Antiquaries, London, 53-62.
- (1991) Pollen analysis: results and discussion, in Highman, C.F.W. and Bannanurag, R. (eds) *The Excavation of Khok Phanom Di*, Research Reports of the Society of Antiquaries, London, 63-89.
- (1991) The pollen, pteridophyte spore and microscopic charcoal: conclusions, in Highman, C.F.W. and Bannanurag, R. (eds) *The Excavation of Khok Phanom Di*, Research Reports of the Society of Antiquaries, London, 91-94.
- (1991) Tables showing taxa with less than 1% representation, in Highman, C.F.W. and Bannanurag, R. (eds) *The Excavation of Khok Phanom Di*, Research Reports of the Society of Antiquaries, London, 95-112.
- (1991) Notes on pollen and pteridophyte spore types, in Highman, C.F.W. and Bannanurag, R. (eds) *The Excavation of Khok Phanom Di*, Research Reports of the Society of Antiquaries, London, 113-134.
- (1991) The phytoliths, in Highman, C.F.W. and Bannanurag, R. (eds) *The Excavation of Khok Phanom Di*, Research Reports of the Society of Antiquaries, London, 135-138. (With Rovner, I.)
- (1992) Late Holocene climate change in southeast Asia: the palynological evidence and its implications for archaeology, *World Archaeology*, 24(1), 25-34.

- (1992) The origin of the coconut: integration of the pollen evidence, *Indian Ocean Review*, 5(2), 23-24.
- (1993) Some thoughts on Lascelles 'Diatoms as reconstituted Quaternary tephra', *Quaternary Newsletter*, 70, 23-28. (With McVicar, J.)
- (1993) Palaeoecology and the origin of the coconut, *Geojournal*, 31, 355-362.
- (1993) The palaeoenvironments of Coolarcken Pollnagollum (Pollnagollum of the Boats) Cave, Co. Fermanagh, N Ireland, *Cave Science*, Transactions of the British Cave Research Association, 20(1), 13-15. (With Thompson, P.)
- (1993) Climate, man and thirty thousand years of vegetation change in North Sumatra, *Indonesian Environmental History Newsletter*, 2, 3-4.
- (1993) Climatic change and early forest clearance in highland North Sumatra, *Indian Ocean Review*, 6(4), 23-27.
- (1994) The prospects of using palynology to trace the origins of tropical agriculture: the case of south east Asia, in: Hather, J. (ed.) *Tropical Archaeobiology: Applications and New Developments*, Routledge, 139-171.
- (1994) Pea Bullok: a preliminary account of a 30,000 year record of vegetation and climatic change from highland North Sumatra, *Quaternary Newsletter*, 73, 7-14.
- (1995) *A review of the vegetation of South east Asian Tertiary*, School of Geosciences QUB Occasional Paper, No 6, 16pp.
- (1995) Dry periods and forest fires in Indonesia, *Indonesian Environmental History Newsletter*, 5, 9-12.
- (1995) A brief reinterpretation of the pollen record from Khok Phanom Di, Central Thailand, and its archaeological significance, *Antiquity*, 69, 264, 601-602.

MELDON, J.

- (1991) Land use strategy and transportation policy in Dublin 1971-1991, in *Transport in Dublin Policy and Practice*, An Taisce, Dublin.
- (1992) *Structural Funds and the Environment: Problems and Prospects*, An Taisce, Dublin, 69pp. (With Hickie, D., O'Sullivan, Jack and O'Sullivan, John)
- (1993) Structural funds and sustainable development, *Pleanail*, 11, 39-52.
- (1993) (ed.) *Aquaculture in Ireland - Towards Sustainability*, An Taisce, Dublin, 90pp.
- (1993) Structural funds and the environment, in van der Kamp, H. (ed.) *EC Funds: Getting It Right*, Regional Studies Association (Irish Branch), Dublin.
- (1993) The environment and development: towards a sustainable future?, *Geographical Viewpoint*, 21, 57-66.
- (1994) Tourism and the environment, in Kockel, U. (ed.) *Culture, Tourism and Development*, Liverpool University Press, Liverpool, 87-96.
- (1994) Sustainable tourism development and EC structural funds, in Breathnach, P. (ed.) *Irish Tourism Development*, Geographical Society of Ireland, Maynooth, 125-135.
- (1995) Structural funds and sustainable regional development in Ireland, in Byron, R. (ed.) *Economic Futures on the North Atlantic Margin*, Avebury Press, Aldershot, 315-327. (With Walsh, J.)
- (1995) Use zoning by quality and sensitivity, in *Coastal Zone Management: From Needs to Action*, Coastwatch Europe Network, 88-96.
- (1995) Tourism and the environment, *Geographical Viewpoint*, 23, 104-110.

MITCHELL, G.F.

- (1992) Cryoturbated drift with silicified limestone at 570m in the Knockmealdown Mountains, *Irish Geography*, 25(1), 102-103.

MOLES, R.

- (1991) Integrating equal opportunity in the curriculum of teacher education 1988-1991: TENET programme dissemination phase, *Irish Education Studies*, 10, 279-281.
- (1991) Surveillance of recent vegetation change in the Burren, Co. Clare, Republic of Ireland, *Global Ecology and Biogeography Letters*, 1, 151-156.
- (1991) Feminist theory and teaching post-primary geography, *Geographical Viewpoint*, 19, 69-77.
- (1992) *Futures: Exploring Equal Opportunities - Geography*, Department of Education, Dublin.
- (1992) Trampling damage to vegetation and soil cover at paths within the Burren National Park, Mullach Mor, Co. Clare, *Irish Geography*, 25(2), 129-137.
- (1994) Should the Burren interpretative centre be contemplated? An exploration of some of the issues, *GeoNews*, 34, 14-23.
- (1994) Boys need to move the goalposts. A pilot project on gender equity through post-primary geography teaching, *Geographical Viewpoint*, 22, 61-67.
- (1995) Exploration of equal opportunity issues through second level geography teaching in the Republic of Ireland, in Ruotinen, H., Lahelma, E., Boysen, L. and Krogh-Jespersen, K. (eds) *Content and Gender: Transforming the Curriculum in Teacher Education*, Association for Teacher Education in Europe, Series on Equal Opportunities and Teacher Education in Europe, Volume 4, Pavic Publications, Sheffield, 63-78.
- (1995) Changes at the edges of Burren grassland patches, 1979-92, in Jeffrey, D., Jones, M. and McAdam, J. (eds) *Irish Grasslands. Their Biology And Management*, Royal Irish Academy, Dublin.
- (1995) Evidence for the presence of Quaternary loess-derived soils in the Burren karstic area, western Ireland, *Irish Geography*, 28(1), 48-63.
- (1995) Long-term change within lowland bird communities in relation to field boundary attributes, *Biology and Environment, Proceedings of the Royal Irish Academy*, 95B, 203-216.

MOORE, A.J.

- (1992) Religious persuasion and mode of attendance at general practitioner services in the Coleraine urban area, Northern Ireland, *GeoJournal*, 26(1), 31-41.
- (1992) Utilising post-coded address-based datasets in social area analysis: a case study in Northern Ireland, *Actas del V Coloquio de Geografia Cuantitativa*, 194-210. (With Poole, MA)
- (1994) GIS and Health Service Delivery in Northern Ireland, *GIS Spatial Analysis and Public Policy* 94, 54-55. (With Robinson, G. and Devine, P.)
- (1995) Deprivation payments in general practice: some spatial issues in resource allocation in the UK, *Health and Place*, 1(2), 121-125.

MULLANE, F.

- (1993) White lace: gender and heritage presentation in Ireland, *Proceedings of the Second Irish Heritage Management Conference*, University College, Cork, 42-46
- (1994) Traditional buildings and reconstruction, in Ni Fhloinn, B. and Dennison G. (eds) *Traditional Architecture and its Role in Rural Development and Tourism*, Environmental Institute, University College Dublin, 48-53.
- (1994) Heritage interpretation, ideology and tourism, in Breathnach, P. (ed.) *Irish Tourism Development*, Geographical Society of Ireland, Special Publication No.9, Maynooth, 79-86.

MURPHY, L.

- (1991) A fragmented tenure: low status home ownership in suburban Dublin, *Irish Geography*, 24(2), 57-69.

MURTAGH, H.

- (1994) *Athlone*, Irish Historic Towns Atlas, No. 6, Royal Irish Academy, Dublin.

NEVIN, G.H.

- (1993) Aeolian sediment transport in the beach-dune zone-methodology: results from case studies in Ireland and Portugal, *Proceedings of the 3rd International Geomorphology Conference*, McMaster's University, Hamilton, Canada, 162. (With Jackson, D.W.T. and Carter, R.W.G.)

See also EASTWOOD, D., JACKSON, D.W.T. and McCLOSKEY, J.

NOLAN, W.

- (1993) (ed.) *Cork: History and Society*, Geography Publications, Dublin.
 (1993) (ed.) *Waterford: History and Society*, Geography Publications, Dublin.
 (1994) (ed.) *Tipperary: History and Society*, Geography Publications, Dublin.
 (1994) (ed.) *Wicklow: History and Society*, Geography Publications, Dublin.
 (1995) (ed.) *Donegal: History and Society*, Geography Publications, Dublin.

NUTLEY, S.D.

- (1992) Rural areas: the accessibility problem, in Hoyle, B.S. and Knowles, R.D. (eds) *Modern Transport Geography*, Belhaven, London, 125-154.
 (1992) Mobility in rural Ulster: travel patterns, car ownership and local services, *Irish Geography*, 25(1), 67-82. (With Thomas, C.)
 (1993) Rural accessibility and public transport in Northern Ireland, *Irish Geography*, 26(2), 120-132. (With Jordan, C.)
 (1994) A social psychological approach to the relative immobility of disadvantaged groups, in Smith, J. (ed.) *Transport and Welfare*, Transport Geography Study Group, Institute of British Geographers, Salford, 21-34. (With Stringer, P.)
 (1995) Spatial mobility and social change: the mobile and the immobile, *Sociologia Ruralis*, 35, 24-39. (With Thomas, C.)

Ó CINNÉIDE, M.S.

- (1991) Tourism and regional development in Ireland, *Geographical Viewpoint*, 19, 47-68. (With Walsh, J.A.)
 (1991) Stimulating local development through educational intervention, *Education (Malta)*, 4, 14-19.
 (1991) Applying strategic planning to local economic development: the case of the Connemara Gaeltacht, Ireland, *Town Planning Review*, 61(4), 475-486.
 (1991) Diversifying the rural economies of the European periphery, in Gade, O., Miller, V.P. and Sommers, L.M. (eds) *Planning Issues in Marginal Areas*, Appalachian State University, Boone, 111-122.
 (1991) Strategic planning and local economic development with special reference to the marine environment and adjacent coastal areas of Ireland, in Plettenberg, J. (ed.)

Islands on the Edge of Europe: an Integrated Approach to Marine Development, Connemara Environmental Education Centre, Letterfrack, 40-59.

- (1991) Using a community development competition as a means of promoting local development, in Leroy, M. (ed.) *Regional Development Around the North Atlantic Rim*, The International Society for the Study of Marginal Regions, Cape Breton, 359-378.
 (1991) Competition as a means of promoting local development: an assessment of a community development scheme in the Irish Gaeltacht, in Varley, T., Boylan, T. and Cuddy, M. (eds) *Rural Crisis: Perspectives on Irish Rural Development*, Centre for Development Studies, University College Galway, 208-225. (With Ó Conghaile, M.)
 (1991) Promoting local initiative through a community development competition, *Journal of Rural Studies*, 6(3), 325-29. (With Ó Conghaile, M.)
 (1992) Some spatial dimensions of tourism in Ireland, in Ó Cinnéide, M. and Grimes, S. (eds) *Planning and Development in Marginal Regions*, Centre for Development Studies, University College Galway, 37-58.
 (1992) (ed.) *Perspectives on Rural Development in Advanced Economies*, Centre for Development Studies, University College Galway, 232pp. (Co-edited with Cuddy, M.)
 (1992) Introduction, in Ó Cinnéide, M. and Cuddy, M. (eds) *Perspectives on Rural Development in Advanced Economies*, Centre for Development Studies, University College Galway, 1-12.
 (1992) Approaches to the development of peripheral rural areas: some lessons from the Irish experience, in Tykkäinen, M. (ed.) *Development Issues and Strategies in the New Europe*, Avebury, 77-88.
 (1992) Restructuring of rural areas in Ireland, in Huigen, P.P., Paul, L. and Volkers, K. (eds), *Netherlands Geographical Studies*, Utrecht, 153, 87-98.
 (1992) Will the CAP fit? Agriculture and rural development, in Quinn, J. (series producer) *The Rural Development School*, Radio Teilifís Éireann, Dublin, 23-26.
 (1992) Feirmeoirí in Éirinn fé bhrú ó athruithe i gComhbheartas Talamhaíochta an Chomhphobail Eorpach, in Ó Fiannachta, P. (ed.) *An Bhó, Iris na hOidhreachta*, 4, Oidhreacht Chorca Dhuibhne, Baile an Fheirtéaraigh, 18-30.
 (1993) An innovative approach to local development in Inishowen, Republic of Ireland, in Flognfeldt, T., Hansen, J.C., Nordgreen, R. and Rohr, J.M. (eds), *Conditions for Development in Marginal Regions*, The International Society for the Study of Marginal Regions and Oppland College, Lillehammer, 239-48.
 (1993) Ways to develop the competitiveness of the European periphery: the example of Ireland, in Lundqvist, L. and Persson, L.D. (eds) *Visions and Strategies in European Integration: A North European Perspective*, Springer-Verlag, Berlin, 209-24.
 (1994) *Facilitating the Process of Local Economic Development*, LCLASS Working Paper No. 5, Department of Geography, University College Dublin, 8pp.
 (1994) Stimulating local development in marginal areas: the experience of the European Community's LEDA programme, in Wiberg, U. (ed.) *Marginal Areas in Developed Countries*, CERUM, Umeå, 235-48.
 (1994) Oileáin Bheaga Chóstacha san Aontas Eorpach, in Ó Fiannachta, P. (ed.) *An Bhó, Iris na hOidhreachta*, 7, An Sagart, Daingean Uí Chúis.
 (1995) The development of community rural tourism in Ireland, in Tykkyläinen, M. and Neil, C. (eds) *The Potential for Local Economic Development in Rural Resource Communities*, WIDER, United Nations University. (With Burke, J.)

See also KEANE, M. and GRIMES, S.

O'DONNELL, M.

- (1993) Farm clusters in north west Inishowen, c. 1850, *Irish Geography*, 26(2), 101-119.

O'FLANAGAN, P.

- (1993) La geografía histórica de Galicia: una aproximación, in *Xunta de Galicia*, Actas, Congreso Internacional da Cultura Gallega, Santiago de Compostela, 137-145.
 (1993) (ed.) *Cork History and Society*, Geography Publications, Dublin. (Co-edited with Buttimer, N.)
 (1993) Three hundred years of urban life. Villages and towns in County Cork, c.1600-1900, in O'Flanagan, P. and Buttimer, N. (eds) *Cork History and Society*, Geography Publications, Dublin, 391-468.
 (1993) Grandes caminos, sociedades, paisajes y ciudades: un estudio comparativo, in Torres Luna, M.P., Perez Alberti, A. and Lois Gonzalez, R.C. (eds), *Los Caminos de Santiago y el Territorio*, Santiago de Compostela, 501-513
 (1994) Surveys, maps and the study of rural settlement development, in Ó Corrain, D. (ed.) *Irish Antiquity*, Dublin, 320-326
 (1994) Bandon, in Simms, A. and Andrews, J.H. (eds) *Irish County Towns*, Cork University Press, 83-97.

O'REILLY, G.

- (1992) Territory Briefing - Gibraltar: Spanish and U.K. Claims, *International Territory Briefing Series*, International Boundaries Research Unit, Durham.
 (1993) Disputed territories in the Gibraltar region: the Crown Colony of Gibraltar and the Spanish Sovereign Territories in North Africa, *Mediterranean Social Science Review*, 1(2), 7-16.
 (1993) Disputed territories in the Gibraltar region, in Blake, R. and Schofield, C. (eds) *Mediterranean Social Sciences Review*, Special Edition: Boundary and Territorial Conflict in the Mediterranean Basin.
 (1994) Centa and the sovereign territories: Spanish and Moroccan claims, *Boundary Territory Briefing*, 1, International Boundaries Research Unit, Durham.
 (1994) Integrated rural development: the role of Littleton peatlands, *LLASS Working Paper 7*, Department of Geography, University College Dublin, 41pp.
 (1994) Farmers' attitudes towards forestry: Cross cultural differences, *LLASS Working Paper 8*, Geography Department, UCD. (With Ni Dhubháin, A. and Gardner, J.J.)
 (1995) Forestry or farmland: a dilemma for land use and management policy, *LLASS Working Paper 16*, Geography Department, UCD. (With Divilly, P. and Carey, M.)
 (1995) The peace processes and Israel/Palestine, *Geographical Viewpoint*, 23, 66-75.

ORFORD, J.D.

- (1991) Quantitative grain form analysis, in Syvitski, J. (ed.) *Principles, Methods and Application of Particle Size Analysis*, 88-109. (With Whalley, W.B.)
 (1991) Coarse clastic barrier environments: evolution and implications for Quarternary sea-level interpretation, *Quaternary International*, 9, 87-104.
 (1992) Environmental understanding for coastal planning in Ireland: sea-level change and coastal response, in Devoy, R. J. and Mahoney, A. (eds) *Coastal Engineering and management*. Resource and Environmental Management Unit, Cork, Occasional Publications No 2, Cork University, 29-45.
 (1992) A tidal link between sea-level rise and coastal response of a gravel-dominated barrier; Story Head, Nova Scotia, in Woodworth, P., Pugh, D.T., De Ronde, J.,

Warrick, R.G. and Hannah, J. (eds) *Sea-level Changes: Determination and Effects*, Geophysics Monograph Series, 69, American Geophysical Union, Washington DC, 71-79. (With Hinton, A.C., Carter, R.W.G. and Jennings, S.C.)

- (1992) Environmental understanding necessary for coastal planning in Ireland: sea-level change and coastal response, *Occasional Papers No 1*, School of Geosciences, Queen's University, Belfast, 29pp.
 (1992) Erosion, sediment movement, littoral drift: beach responses, *Short course notes for Basic Coastal Engineering*, Institute of Engineers of Ireland, Dublin, 30pp.
 (1993) R. W. Carter: an appreciation, *Irish Geography*, 26, 147-150.
 (1993) R. W. Carter: an appreciation, in Carter, R.W.G. and Woodroffe, C.D. (eds) *Coastal Evolution: Late Quarternary Shoreline Morphodynamics*, Cambridge University Press, xi-xv.
 (1993) Coastal environments, in Nath, B., Hens, L., Compton, P. and Devuyt, D. (eds) *Environmental Management Vol II: the Ecosystems Approach*, 15-57.
 (1993) Late-Holocene salt marsh development under a regime of rapid relative sea-level rise: Chezzetcook Inlet, Nova Scotia. Implications for the interpretation of palaeo-marsh sequences, *Canadian Journal of Earth Sciences*, 30, 1374-1384. (With Jennings, S.C. and Carter, R.W.G.)
 (1993) Long-term morphodynamic evolution of beaches and barriers: examples from paraglacial coasts, in List, J.H. (ed.) *Large Scale Coastal Behaviour 1993, US Geological Survey Open File Report*, 93-381, USGS, 25-28. (With Carter, R.W.G., Forbes, D.L., Jennings, S.C., Shaw, J. and Taylor, R.B.)
 (1993) Development of clast size and shape facies on a gravel beach at Malin Head, Ireland, *Sedimentology*, 40, Blackwell, London, 1139-1152. (With Sherman, D.J. and Carter, R.W.G.)
 (1994) Bruun rule, overtopping, overwashing, in Goudie, A. et al. (eds) *The Encyclopedic Dictionary of Physical Geography*, Blackwell, London, 72, 366-367.
 (1995) The relationship between the rate of mesoscale sea-level rise and the retreat rate of swash-aligned gravel-dominated coastal barriers. *Marine Geology*, 124, 177-186. (With Carter, R.W.G., Jennings, S.C. and McKenna, J.)
 (1995) Processes and timescales by which a coastal gravel-dominated barrier responds geomorphologically to sea-level rise: Story head barrier, Nova Scotia, in *Earth Surface Processes and Landforms*, 20, BGRG/Wiley, 21-37. (With Carter, R.W.G., Jennings, S.C. and Hinton, A.C.)
 (1995) The sensitivity of salt marshes to relative sea-level rise, *Marine Geology*, 124, 129-136. (With Jennings, S.C. and Carter, R.W.G.)
 (1995) Examination of mesoscale forcing of a swash-aligned gravel barrier, *Marine Geology*, 126, 201-211. (With Carter, R.W.G.)
 (1995) Morphodynamic evolution, self-organisation and instability of coarse-clastic barriers on paraglacial coasts, *Marine Geology*, 126, 63-86. (With Forbes, D.L., Carter, R.W.G., Taylor, R.B., Shaw, J. and Jennings, S.C.)
 (1995) Coastal evolution in the Quarternary: IGCP 274, *Marine Geology*, 124, ix-xii. (With Van de Plasche, O., Chrzastowski, M., Long, A. and Hinton, A.)

See also CARTER, W.R.G.

PARKER, A.J.

- (1991) *Late Night Shoppers in Dublin*, Centre for Retail Studies, University College, Dublin, 40pp. (With Poole, D.)
 (1991) *Direct Marketing - The Direct Route to Retail Success ?*, Centre for Retail Studies, University College, Dublin, 85pp. (With Poole, D.)

- (1991) *Retailing in Irish Towns and Cities: Expenditure and Hinterland Analyses*, Centre for Retail Studies, University College, Dublin, 150pp. (With Kyne, D.M., McGauran, A.M. and Mullen, J.)
- (1991) *Retailing in Irish Towns and Cities*, 2 volumes, Centre for Retail Studies, University College, Dublin, 700pp. (With Kyne, D.M. and McGauran, A.M.)
- (1991) *The Retail and Wholesale Industry in Ireland - A Preliminary Sectoral Study of Manpower and Training Needs (Final Report)*, Centre for Retail Studies Research Report for An Foras Aiseanna Saothair, University College, Dublin, 90pp. (With Brady, J. and Poole, D.)
- (1991) *Irish Shopping Centres: A Statistical Digest*, Centre for Retail Studies, University College, Dublin, 132pp. (With Kyne, D.M.)
- (1991) *Dublin Shopping Centres: Statistical Update*, Centre for Retail Studies, University College, Dublin, 70pp. (With Kyne, D.M.)
- (1991) Retail environments: into the 1990s, *Irish Marketing Review*, 5(2), 61-72.
- (1991) The Identification of Retail Hinterlands and Expenditure, Centre for Retail Studies, University College, Dublin, 25pp. (With Mullen, J.)
- (1991) *The Dublin City Centre Shopper*, Centre for Retail Studies, University College, Dublin, 74pp. (With Poole, D.)
- (1992) *The City Centre Shopper 1991*, Centre for Retail Studies, University College, Dublin, 45pp.
- (1992) The demand for shopping and its implications for transportation, *Proceedings of the International Conference on Transportation and Land Use Planning*, Dublin, 159-78.
- (1992) Consumer attitudes to the retail environment: a case study of the city centre, in Heinritz, G. (ed.) *The Attraction of Retail Locations*, International Geographical Union Commission: Geography of Commercial Activities, Volume 1, Kallmünz u.Regensburg, 155-72.
- (1992) *Dublin Shopping Centre Profiles*, Centre for Retail Studies, University College, Dublin, 98pp. (With Brady, J., Kyne, D.M. and Mullen, J.)
- (1992) The Changing Face of Irish Retailing, *AIB Review*, May, No.60.
- (1992) Education and training needs in the retail grocery industry: a case study of Ireland, *Proceedings of the International Conference on Education in Commercial Distribution*, Milan., (With Brady, J. and Poole, D.)
- (1992) A Comparison of Twenty One Irish Towns and Cities : Economic and Retail Performance, Centre for Retail Studies, University College, Dublin, 36pp. (With Kyne, D.M.)
- (1993) *Dublin Retail Warehouses: A Directory*. Centre for Retail Studies, University College, Dublin, 117pp. (With Mullen, J. and Kyne, D.M.)
- (1993) *Dublin Shopping Centres: Statistical Digest, 1993*. Centre for Retail Studies, University College, Dublin, 120pp. (With Kyne, D.M. and Cunningham, N.)
- (1993) *Irish Shopping Centres: Statistical Digest, 1993*, Centre for Retail Studies, University College, Dublin, 160pp. (With Kyne, D.M. and Cunningham, N.)
- (1993) A Profile of Dublin Shoppers: City Centre and Suburban Shopping Centre Consumers, Centre for Retail Studies, University College, Dublin, 36pp. (With McGauran, A.M.)
- (1993) A Profile of Dublin Shoppers: City Centre Consumers, Centre for Retail Studies, University College, Dublin, 45pp. (With McGauran, A.M.)
- (1993) A Profile of Dublin Shoppers: Suburban Shopping Centre Consumers, Centre for Retail Studies, University College, Dublin, 46pp. (With McGauran, A.M.)
- (1993) The Christmas Shopper : A Profile of Dublin City Centre Consumers, Centre for Retail Studies, University College, Dublin, 57pp. (With Mullen, J.)
- (1993) *A Comparison of Dublin Shopping Centre Profiles*, Centre for Retail Studies, University College, Dublin, 29pp. (With Brady, J., Kyne, D.M. and Mullen, J.)

- (1993) Political and economic conditions affecting entrepreneurship in non-store retailing - a discussion, *Proceedings of the DSEF/FEDSA Non Store Retailing International Academic Symposium*, Berlin.
- (1993) A tale of two cities - a comparative analysis of consumer profiles and shopping behaviour in the city centre, *Proceedings of the 7th International Conference on Research in the Distributive Trades*, Stirling, 484-495.
- (1994) Strategic planning in Dublin: a case study of retail location and organisation, in Vandermotten, C. (ed.) *Planification et Stratégies de Développement dans les Capitales Européennes*, Editions de l'Université de Bruxelles, Brussels, 113-126.
- (1994) *Retailing in Irish Towns and Cities 1993-1994*, 3 volumes, Centre for Retail Studies, University College, Dublin, ca. 700pp. (With Kyne, D.M. and Cunningham, N.)
- (1995) Retailing and retail planning policies in Ireland, *Proceedings of the 8th International Conference on Research in the Distributive Trades*, Milan, pp.A3.18-3.28.
- (1995) Retail planning policies in the Irish Republic, in Davies, R.L. (ed.) *Retail Planning Policies within Western Europe*, Routledge, London, 120-43.
- (1995) Direct selling and consumer purchase decisions, *Proceedings of the FEDSA Direct Selling in Eastern and Central Europe Academic Symposium*, Prague.

POLLARD, H.J.

- (1993) Tourism and Torremolinos: recession or reaction to environment, *Tourism Management*, 14(4), 247-258. (With Dominguez Rodriguez, R.)
- (1994) Recreation as a land use in Ireland, Dublin, in Fenton, A. and Gillmor, D.A. (eds) *Rural Land Use in the Atlantic Periphery of Europe: Scotland and Ireland*, Royal Irish Academy, Dublin, 153-172.
- (1994) Tourism and the Environment, in Breathnach, P. (ed.) *Irish Tourism Development*, Geographical Society of Ireland, Maynooth.
- (1995) Unconstrained growth: the development of a Spanish resort, *Geography*, 80(1), 33-44. (With Dominguez Rodriguez, R.)
- See also CARTER, W.R.G., GUYER, C. and EASTWOOD, D.

POOLE, MA

- (1991) Recent urban changes in the Northern Ireland settlement system, in Bannon, M.J., Bourne, L.S. and Sinclair, R. (eds) *Urbanization And Urban Development: Recent Trends In A Global Context*, Service Industries Research Centre, Department Of Regional And Urban Planning, University College Dublin, for the International Geographical Union Commission on Urban Systems and Urban Development, Dublin, 174-186..
- (1995) The spatial distribution of political violence in Northern Ireland: an update to 1993, in O'Day, A. (ed.) *Ireland, Tourism's Laboratory: The Case of Northern Ireland*, Dartmouth Publishing Company, Aldershot, 27-45.
- See also DOHERTY, P. and MOORE, A.J.

PRINGLE, D.G.

- (1991) Urban growth and economic change in the Republic of Ireland, 1971-81, in Bannon, M.J., Bourne, L.S. and Sinclair, R. (eds) *Urbanization And Urban Development: Recent Trends In A Global Context*, Service Industries Research Centre, Department Of Regional And Urban Planning, University College Dublin, for the International Geographical Union Commission on Urban Systems and Urban Development, Dublin, 151-62.

- (1991) *The Maynooth University Micro Mapping System (MUMMS 4.0): User Manual*, Department of Geography, St Patrick's College, Maynooth, 118pp.
- (1991) *Computer Access To CSO Small Area Population Statistics*, Department of Geography, St Patrick's College, Maynooth, 44pp.
- (1991) Variations regionales de la mortalite en Republique d'Irlande, *Espace, Populations, Societes*, 1991/1, 113-125. (With Creton, D.)
- (1992) Further cracks in the mould? The 1992 general election, *Irish Geography*, 25(2), 177-181.
- (1993) An Irish perspective on the English question, *Political Geography*, 12(2), 161-164.
- (1994) AIDS in Africa: a developing crisis, *Geographical Viewpoint*, 22, 21-36.
- (1995) An assessment of the evidence suggesting social or physical environmental causes of Schizophrenia in east County Cavan, *Irish Geography*, 28(1), 1-13. (With Waddington, J. and Youssef, H.)
- (1995) 'Ulster (part of) says no, but Dublin says yes: the 1995 divorce referendum, *Irish Geography*, 28(2), 150-155.

See also DOHERTY, P.

PROUDFOOT, L.J.

- (1991) Landlord motivation and urban improvement on the Duke of Devonshire's Irish property, c. 1816-1891, *Irish Economic and Social History* 18, 5-23.
- (1992) Landscaped demesnes in pre-famine Ireland: a regional case study, in Verhoeve, A. and Vervioet, A.J. (eds) *The Transformation of the European Rural Landscape: Methodological Issues and Agrarian Change 1770-1914*, Staring, Brussels, 230-237.
- (1992) The estate system in mid 19th century Co Waterford, in Nolan, W. and Power, T.P. (eds) *Waterford: History and Society. Interdisciplinary essays on the history of an Irish county*, Geography Publications, Dublin, 519-540.
- (1993) Regionalism and localism: religious change and social protest, 1700 - c.1900, in Graham, B.J. and Proudfoot, L.J. (eds) *A Historical Geography of Ireland*, Academic Press, London, 185-218.
- (1993) Spatial transformation and social agency: property, society and improvement, c.1700 - c.1900, in Graham, B.J. and Proudfoot, L.J. (eds) *A Historical Geography of Ireland*, Academic Press, London, 219-257.
- (1995) *Urban patronage and Social Authority. The Management of the Duke of Devonshire's Towns in Ireland* (incl 30 figs and 21 Tables), Catholic University of America Press, Washington DC, 398pp.

See also GRAHAM, B.

PRUNTY, J.

- (1995) Margaret Aylward, 1810-1889, in Luddy, M. and Cullen, M. (eds) *Women, Consciousness and Power*, Attic Press, Dublin, 55-88.
- (1995) The textile industry in nineteenth century Dublin: its geography, structure and demise, in Balkestein, M. and Diederiks, H. (eds) *Occupational Titles, Their Classification: The Case of the Textile in Past Times*, Max-Planck Institut fur Geschichte, Gottingen, 193-216.
- (1995) From City Slums to City Sprawl: Dublin in the Nineteenth and Twentieth Centuries, in Clarke, H. (ed.) *The Irish Cities*, The Thomas Davis Lecture Series, Mercier Press, Cork, 109-122.
- (1995) The Designated Areas urban renewal schemes, Dublin 1986-1994, in McCabe, D. (ed.) *European Urbanisation, Social Structure and Problems between Eighteenth and Twentieth Century*, Centre for Urban History, University of Leicester, 7-24.

- (1995) Residential urban renewal schemes in Dublin 1986-1994, *Irish Geography*, 28(2), 131-143.

QUIGLEY, M.

- (1991) (ed.) *A Guide to the Sand Dunes of Ireland*, European Union for Dune Conservation and Coastal Management, c/o Department of Geography, Trinity College, Dublin, 93pp.
- (1991) Introduction, in Quigley, M. (ed.) *A Guide to the Sand Dunes of Ireland*, European Union for Dune Conservation and Coastal Management, c/o Department of Geography, Trinity College, Dublin, 1-5.
- (1991) *Guide to the Field Centres of Ireland*, Geographical Society of Ireland Field Guide Series No. 1, Dublin, 22pp. (With Lawless, J.)
- (1993) Environmental issues in Ireland: a European perspective, in King, R. (ed.) *Ireland, Europe and the Single Market*, Geographical Society of Ireland, Special Publication No. 8, Dublin, 101-09.
- (1994) The effects of EC policy on the rural landscape and environment of Ireland, in Blacksell, M. and Williams, A. (eds) *The European Challenge: Geography and Development in the European Union*, Oxford University Press, Oxford, 343-71.

QUINN, B.M.

- (1994) Images of Ireland in Europe: a tourism perspective, in Kockel, U. (ed.) *Culture, Tourism and Development: The Case of Ireland*, Liverpool University Press, Liverpool, pp 61-73.
- (1995) The economy of the arts: managing the growth of cultural industries, *Cultural Policy*, 1(2), 385-390.
- (1995) *The Value of the Live Music Industry - A Case Study of the Temple Bar Blues Festival*, Working Paper 15, Service Industries Research Centre, University College Dublin.

REA, B.R.

- (1994) Joint control in the formation of rock steps in the subglacial environment, in Robinson, D.A. and Williams, R.B.G. (eds) *Rock Weathering and Landform Evolution*, Wiley, Chichester, 473-486.
- (1994) Subglacial observations from Øksfjordøkelen, North Norway, *Earth Surface Processes and Landforms*, 19, 659-673. (With Whalley, W.B.)
- (1994) A digital surface roughness meter, *Earth Surface Processes and Landforms*, 19, 809-814. (With Whalley, W B)

REDMOND, D.

- Housing management in Ireland: transition and change, *Regional Studies*, 29(3), 312-316. (With Walker, R.)

ROULSTON, S.

- (1994) Protestant and Catholic school childrens' information surfaces of the U.K. and the Republic of Ireland, *Geographical Viewpoint*, 22, 100-117.

ROYLE, S.A.

- (1991) The world's remaining colonies: tugging at the apron strings, *Geographical Magazine*, 63, 14-16.
- (1991) The world's remaining colonies: St Helena, a colonial case study, *Geographical Magazine*, 63, 16.
- (1991) St Helena: a geographical summary, *Geography*, 76, 266-268.
- (1991) The socio-spatial structure of Belfast in 1837: evidence from the first valuation, *Irish Geography*, 24, 1-9.
- (1991) The economics of dependency: St Helena, in Lockhart, D.D. and Drakakis-Smith, D.W. (eds) *Environmental and Economic Issues in Small Island Development*, Developing Areas Research Group, Monograph No 6, The Commonwealth Foundation, 63-78.
- (1992) Attitudes and aspirations on St Helena in face of continued economic dependency, *The Geographical Journal*, 158, 31-39.
- (1992) An early American 'kibbutz': the Amana Colonies, Iowa, *Kibbutz Trends*, 6, 36-39.
- (1992) Urban change in Brazil: a case study, *Geography Review*, 6, 17-21.
- (1993) Industrialisation, urbanization and urban society in post-famine Ireland c. 1850 - 1921, in Graham, B.J. and Proudfoot, L.J. (eds) *An Historical Geography of Ireland*, Academic Press, 258-292.
- (1992) Population, society and economy on Tory Island, Co Donegal, *Irish Geography*, 24, 169-176. (With Scott, D)
- (1992) The small island as colony, *Caribbean Geography*, 3, 261-269.
- (1993) The colonial cities of the Atlantic Islands with particular reference to Stanley, Falkland Islands, *Urban Morphology Newsletter*, 12, 9-12.
- (1993) Communal and post-communal experiences on the American frontier with special reference to the Amana Colonies, Iowa, *School of Geosciences Occasional Paper 3*, Queen's University, Belfast, 24pp.
- (1993) The Atlantic colonies, *Wirebird*, 8, 19-24.
- (1993) A settlement network in operation: a study from Mallorca, Spain, *Geographical Viewpoint*, 21, 67-72.
- (1993) Only 30 minutes from the Great Circle route, Canada's peripheral Atlantic Islands, *Scottish Geographical Magazine*, 109, 171-179.
- (1994) Changes to the Falkland Islands since the conflict of 1982, *Geography*, 79, 172-176.
- (1994) The social geography of Cork City elections 1801 - 1830, *Irish Historical Studies*, 113, 13-43. (With Jupp, P.J.)
- (1994) Aspects of urban development in Dublin: conservation, philanthropic and early municipal housing. A self-guided field trip, *School of Geosciences Occasional Paper 5*, Queen's University, Belfast, 33pp.
- (1994) Renewable energy in Northern Ireland, *Geography*, 79, 232-245. (With Robinson, J. and McCrea, A.)
- (1994) The planning and development of an island capital city: Hamilton, Bermuda, *Urban Morphology Newsletter*, 14, 11-16.
- (1994) The Connemara airport: a decision-making exercise, *Geographical Viewpoint*, 22, 68-80. (With Robinson, J)
- (1994) Too small and too scattered: the geographical problems of the Irish islands, *An t-Oileánach*, September 1994, 8-9.
- (1995) The growth and decline of an industrial city: Belfast from 1750, in Clarke, H. (ed.) *Irish Cities: The Thomas Davis Lecture Series*, Mercier, Cork, 8-40.
- (1995) Population and resources in Mauritius, *Geography Review*, 8, 34-61.
- (1995) Health in small island communities: the UK's South Atlantic colonies, *Journal of Health and Place*, 1, 257-264.
- (1995) The first world in the Indian Ocean, *Geographical Magazine*, 67, 28-29.
- (1995) The empire strikes back, *Geographical Magazine*, 67, 10.

- (1995) Economic and political prospects for the British Atlantic dependent territories, *The Geographical Journal*, 161, 307-322.
- (1995) Wilberforce Arnold: St Helena Colonial Surgeon, 1903 - 1925, *Wirebird*, 12, 23-28. (With Cross, A B)
- See also BETTS, N.

RYBACZUK, K.

- (1991) Rybaczuk, K. and Blakemore, M.J. (eds) *Mapping the Nations: Proceedings of the International Cartographic Association 1991*, International Cartographic Association, London, 2 volumes, 978pp.
- (1993) Using information based rules for silver polypon removal in GISs, in, Fischer, M. and Nijkamp, P. (eds) *Geographic Information Systems, Spatial Modelling and Policy Evaluation*, Springer-Verlag, Heidelberg, 85-102.
- (1993) Information supply, availability and costs, ethics and freedom. challenges for "open Europe", *Mapping Awareness*, 7(1), 20-23 (With Blakemore, M.J.)
- (1993) Southern Europe and the international division of labour: from emigration to immigration, in *The New Geography of European Migrations*, Belhaven, London, 175-206 (With King, R.)
- (1993) GIS: issues of data versus technology, *The GSI Groundwater Newsletter*, 23, 6-7.
- (1993) Demonstration of the role of geographic information systems (GIS) in utilising Quaternary geological data in groundwater protection studies, *Glacial Events: Papers given at the Annual Symposium of IQUA*, IQUA, Dublin, 8-10 (With Coxon, C., Mills, P. and Pipes, S.)
- (1994) The role of geographic information systems: for groundwater vulnerability assessment in the West of Ireland, *Proceedings of the Fifth European Conference on Geographical Information Systems*, EGIS Foundation, Utrecht, 1992-4 (With Pipes, S., Mills, P. and Coxon, C.)
- (1994) A handbook and multimedia support tool to aid the assessment of data quality issues in GIS databases, *Proceedings of the Fifth European Conference on Geographical Information Systems*, EGIS Foundation, Utrecht, 426-33 (With Giordano, A. and Bianchin, A.)
- (1994) The role of geographic information systems for aquifer protection in the West of Ireland, *Proceedings of GIS in Ecological Studies and Environmental Management*, GRID, Warsaw, 173-8 (With Coxon, C., Mills, P. and Pipes, S.)
- (1994) Geographic information systems in Trinity College Dublin, *IIS News 2(2)*, 9-10.
- (1994) The role of GIS for groundwater vulnerability assessment, in Fisher, P. (ed.) *Proceedings of the GIS Research UK Conference*, Department of Geography, University of Leicester, 315-20 (With Pipes, S., Mills, P. and Coxon, C.)
- (1995) The value of geographic information. A review of international policies in cost recovery, privatisation and commercialisation of information gathering and dissemination, *Proceedings of NCGIA specialist meeting on law, information policy and spatial databases*, NCGIA, Maine, 93-103. (With Blakemore, M.J.)
- (1995) *Accessing Geographic Information For Ireland*, IIS/Forbairt, Dublin, 30pp.

SHIRLOW, P.

- (1993) Sunrise sunset, *Fortnight*, 316.
- (1994) The fear of employment, *Parliamentary Brief*, 3(3).
- (1994) Training, migration and the new world order: a case study of foreign capital restructuring and training policy in the Republic of Ireland, in Finlay, A. and Gould, W. (eds) *Migration and the New World Order*, Wiley, Chichester, 99-112. (With Shuttleworth, I.)

- (1995) (ed.) *Development Ireland: Contemporary Issues*, Pluto Press, London.
- (1995) Youth migration, local labour markets and locality in the west of Ireland, in Fielding, A. and Blotvogel, H. (eds) *People, Jobs and Regional Restructuring in Europe*, Belhaven, London, 91-125. (With Shuttleworth, I.)

SHUTTLEWORTH, I.

- (1992) The costs and losses of graduate migration? The case of Ireland, in King, R. (ed.) *Mass Migrations in Europe: The Legacy and the Future*, Belhaven, London, 310-326.
- (1992) Population change in Northern Ireland, 1981 - 1991: preliminary results of the 1991 census of population, *Irish Geography*, 25(1), 83-88.
- (1992) Trends in Irish student migration, 1980 - 1990: the implications of cross-boarder flows, *Geographical Viewpoint*, 20, 64-73.
- (1992) Currencies of co-operation, *Fortnight*, 312 (December), 18-20. (With Anderson, J.)
- (1993) The geographical mobility of Irish third-level students: a survey of 1987 entrants from the Republic of Ireland to Northern Ireland universities, *Oideas*, 40, 72-92. (With McGuinness, S.)
- (1993) The characteristics and attitudes of young people on the Youth Training Programme, *Training and Employment Agency Bulletin*, May, 19-23. (With Armstrong, D.)
- (1993) Bordering on the difficult, *Fortnight*, 313 (January), 26-27. (With Anderson, J.)
- (1993) Post-school destinations: the example of 1991 school-leavers, *Training and Employment Agency Bulletin*, November, 22-24.
- (1994) The relationship between social deprivation, as a measure by free school meal eligibility, and educational attainment in CSEs in Northern Ireland, *British Educational Research Journal*, 21/41, 487-504.
- (1994) An analysis of community differences in the pilot Northern Ireland Secondary Education Leavers Survey, *Central Community Relations Unit Paper 3*, BelfaSt
- (1994) Educational attainment, subject choice and the first destinations of Northern Ireland school leavers, *Discussion paper WP94/19*, Department of Economics, University College, Dublin.
- (1994) The fear of employment, *Parliamentary Brief*, 3(3), 43-44. (With Shirlow, P.)
- (1995) The emigration and employment of Irish graduates: the export of high-quality labour from the periphery of Europe, *European Urban and Regional Studies*, 12/11, 21-40. (With King, R.)
- (1995) Education, identity and migration: the case of young, highly educated Irish migrants, *Studi Emigrazione*, 117, 159-176.
- (1995) Population, religion and post-school outcomes in Northern Ireland, in Boregegard and Findlay, A (eds) *Population Planning and Politics*, Centre for Regional Science, Umea.
- (1995) The 1991 Northern Ireland Census of Population and the Irish language, in Nic Craith, M. (ed.) *Minority Languages in Europe*, Liverpool University Press, Liverpool. (With Nic Craith, M.)

See also ANDERSON, J. and SHIRLOW, P.

SIMMS, A.

- (1991) Dublin vom wikingischen Seehandelsplatz zur Anglo-Normannischen Rechtsstadt, in Brachmann (ed.) *Europaische Hauptstadte*, Academy of Science, Berlin, 246-257.
- (1992) Villages in County Dublin: their origins and inheritance, in Aalen, F.H.A. and Whelan, K (eds) *Dublin City and County: From Prehistory to Present*, Studies in Honour of J.H. Andrews, 79-119. (With P. Fagan)

- (1992) The early origins and morphological inheritance of European towns, in Whitehand, J. and Larkham, P. (eds) *Urban Landscapes: International Perspectives*, Routledge, London, 23-42.
- (1992) Mullingar in J.H. Andrews and M. Davies (eds) *Irish Historic Towns Atlas*, No. 5.
- (1994) *Irish Country Towns* (joint ed), Mercier, Cork, 11-21. (With J.H. Andrews).
- (1994) The Origin of Irish Towns, in Simms, A. and J.H. Andrews (eds) *Irish Country Towns*, Mercier, Cork, 11-21.
- (1994) Kells, in Simms, A. and J.H. Andrews (eds) *Irish Country Towns*, Mercier, Cork, 21-34.
- (1994) Athlone (by H. Murtagh) (joint ed) *Irish Historic Towns Atlas*, No. 6.
- (1995) Temple Bar: a historical quarter within the inner city of Dublin, in McCabe, D. (ed.) *European Urbanisation, Social Structure and Problems Between the Eighteenth and Twentieth Century*, Centre for Urban History, Leicester, 1-6.
- (1995) The Origins of Towns in Medieval Ireland. The European Context, in Duvosquel, J.M. and Thoen, E. (eds) *Peasants and Townsmen in Medieval Europe*, Gent, 99-116.
- (1995) *More Irish Country Towns*, (joint ed) Mercier, Cork. (With J.H. Andrews).
- (1995) Maynooth (by A. Horner) (joint ed) *Irish Historic Towns Atlas*, No. 7.
- Historic Towns Atlases. Urban History through Maps. The International Commission for the History of Towns, and the patronage of the Credit Communal de Belgique, Brussels. (With F. Oplli, Vienna).

See also ANDREWS, J.H.

SMITH, B.J.

- (1991) Simulated aeolian abrasion of pannonian sands and its implications for the origins of Hungarian loess, *Earth Surface Processes and Landforms*, 16, 745-752. (With Wright, J.S. and Whalley, W.B.)
- (1992) Background and local contributions to acidic deposition and their relative impact on building stone decay: a case study of Northern Ireland, in Longhurst, J.W.S. (ed.) *Acid Deposition: Origins, Impacts and Abatement Strategies*, Springer Verlag, 241-266. (With Whalley, W.B. and Magee, R.W.)
- (1992) Effects of particulate air pollution on materials. Investigation of surface crust formation, in Webster, R.G.M. (ed.) *Stone Cleaning and the Nature Soiling and Decay Mechanisms of Stone*, Donhead, London, 227-234. (With Whalley, W.B. and Magee, R.W.)
- (1992) Assessment of building stone decay: a geomorphological approach, in Webster, R.G.M. (ed.) *Stone Cleaning and the Nature Soiling and Decay Mechanisms of Stone*, Donhead, London, 249-257. (With Whalley, W.B. and Magee, R.)
- (1992) Landuse change and erosion hazard in the Niteroi district of southeast Brazil, *Geographical Review*, 6, 37-41. (With Sanchez, BA)
- (1993) Decay of granite in a polluted environment, in Hernandez, MAV. et al. (eds) *Alteracion de Granitas y Rocas Afines. Consejo Superiore Investigaciones Cientificas*, Salamanca, 159-162. (With Magee, R.W. and Whalley, W.B.)
- (1993) Fluvial communication of and the production of loess-sized quartz silt, *Geografiska Annaler*, 75A, 25-34. (With Wright, J.)
- (1993) Desert environments, in Nath, B., Hens, L., Compton, P. and Devuyt (eds) *Environmental Management: The Ecosystems Approach*, Vubpress, Brussels, 45.
- (1993) A note on the role of the lichen *Collema Auriforma* in solution basin development on a carboniferous limestone substrate, *Earth Surface Processes and Landforms*, 18, 363-368. (With Moses, C.A.)
- (1993) Footpath erosion in the Mourne Mountains, a case of the Brandy Pad, *Irish Geography*, 26, 133-140. (With Ferris, T.M.C. and Lowther, K.A.)

- (1994) Weathering processes and forms, in Abrahams, A. and Parsons, A. (eds) *Geomorphology of Desert Environments*, Chapman and Hall, London, 39-63.
- (1994) The contribution of highway run-off to river sedimentation and implications for the impounding of urban estuaries: a case study of Belfast, N Ireland, *Science of Total Environment*, 146/7, 507-514. (With Watts, S.)
- (1994) Sulphation, dry deposition, occult deposition, halons, in Goudie, A.S. *Dictionary of Physical Geography*, Blackwell, Oxford.
- (1994) A comparative study of deep weathering and weathering products: case studies from Ireland, Corsica and Southeast Brazil, in Robinson, D.A. and Williams, R.B.G. (eds) *Rock Weathering and Landform Evolution*, Wiley, Chichester, 21-40. (With Power, E.T.)
- (1994) Limestone weathering in the supra-tidal zone: an example from Mallorca, in Robinson, D.A. and Williams, R.B.G. (eds) *Rock Weathering and Landform Evolution*, Wiley, Chichester, 433-451. (With Moses, C.A.)
- (1994) Breakdown patterns of Quartz sandstone in a polluted urban environment: Belfast, N Ireland, in Robinson, D.A. and Williams, R.B.G. (eds) *Rock Weathering and Landform Evolution*, Wiley, Chichester, 131-150. (With Magee, R.W. and Whalley, W.B.)
- (1994) Short-term rock temperature fluctuations under simulated hot desert conditions: some preliminary data, in Robinson, D.A. and Williams R.B.G. (eds) *Rock Weathering and Landform Evolution*, Wiley, Chichester, 57-70. (With Warke, P.A.)
- (1994) Clays in weathered granitoid rocks: an improved technique for the identification of minerals in low concentrations, in Bell, E. and Cooper, T.P. (eds) *Granite Weathering and Conservation*, Trinity College, Dublin, 57-64. (McAlister, J.J.)
- (1994) Inheritance effects on the efficacy of salt weathering mechanisms in thermally cycled granite blocks under laboratory and field conditions, in Bell, E. and Cooper, T.P. (eds) *Granite Weathering and Conservation*, Trinity College, Dublin, 19-27. (With Warke, P.A.)
- (1995) Mineralogy, chemistry and palaeoenvironmental significance of an Early Tertiary terra rossa from Northern Ireland: a preliminary review, *Geomorphology*, 12, 63-73. (With McAlister, J.J.)
- (1995) A pressure membrane technique to prepare clay samples for x-ray diffraction analysis, *Journal of Sedimentary Research*, A65, 569-571. (With McAlister, J.J.)
- See also McALISTER, J.J.

SMYTH, W. J. (St Patrick's College, Maynooth)

- (1992) Irish emigration, 1720-1920, in Emer, P.C. and Morner, M. (eds) *European Expansion and Migration: Essays on the Intercontinental Migration From Africa, Asia and Europe*, Berg, Oxford, 49-79.
- (1992) Irish emigration to Canada: the directive role of William Hutton, *Familia: Ulster Genealogical Review*, 2(8), 159-174. (With Houston, C.J.)
- (1992) Geographical transiency and social mobility: the illustrative odyssey of Irish emigrant Wilson Benson, a well-known Canadian unknown, *British Journal of Canadian Studies*, 7(2), 345-356. (With Houston, C.J.)
- (1992) The limits to growth: immigration and the Canadian Shield in nineteenth-century Ontario, *The London Journal of Canadian Studies*, 8, 83-94. (With Houston, C.J.)
- (1993) The Irish diaspora, in Graham, B. and Proudfoot, L. (eds) *An Historical Geography of Ireland*, Academic Press, 338-366. (With Houston, C.J.)
- (1993) Community development and institutional supports: life on the agricultural frontier of Mono and Adjala, in McGowan, M. and Clarke (eds) *Catholics at the 'Gathering*

Place'. *Historical Essays on the Archdiocese of Toronto, 1841-1911*, Canadian Historical Association, 5-23.

See also KILLEN, J.E.

SMYTH, W. J. (University College, Cork)

- (1991) Towns and townlife in mid-seventeenth century County Tipperary, *Tipperary Historical Journal*, 162-170.
- (1991) Exploring the changing social and cultural topographies of sixteenth and seventeenth century County Dublin, in Aalen, F.H.A. and Whelan, K. (eds) *Dublin City and County - Prehistory to Present*, Geography Publications, Dublin, 121-179
- (1993) Social, economic and landscape transformations in County Cork for c.1740 to c.1840, in O'Flanagan, P. and Buttimer, N. (eds) *Cork History and Society*, Geography Publications, Dublin, 655-698.
- (1993) Making the documents of conquest speak, in Silverman, M. and Gulliver, P. (eds) *Approaching the Past: Anthropological Approaches to the Irish Past*, Columbia University Press, New York, 236-290.
- (1993) The making of Ireland - agendas and perspectives in Cultural Geography, in Graham, B.J. and Proudfoot, L.J. (eds) *A Historical Geography of Ireland*, Academic Press, London, 399-438.
- (1995) The regional development of the arts: issues of creativity, access and participation, in Mulderbig, M. (ed.) *The Regional Development of the Arts in Ireland*, Cork Arts Development Committee, Cork.

STOCKDALE, A.

- (1991) Recent trends in urbanisation and rural repopulation in Northern Ireland, *Irish Geography*, 24(2), 70-80.

STOUT, G.

- (1993) Grant-aided change in the Boyne Valley Archaeological Park: agricultural grants 1950-1990, *Irish Geography*, 26(1), 79-88.

STOUT, M.

- (1991) Ringforts in the south-west midlands of Ireland, *Proceedings of the Royal Irish Academy*, 91C(8), 201-43.
- (1992) Patterns in the past: County Dublin 5000 BC-1000 AD, in Aalen, F.H.A. and Whelan, K. (eds) *Dublin City and County: From Prehistory to Present - Studies in Honour of J.H. Andrews*, Geography Publications, Dublin, 5-41. (With Stout, G.)
- (1992) Plans from plans: an analysis of the 1:2500 OS series as a source for ringfort morphology, *Proceedings of the Royal Irish Academy*, 92C(2), 37-53.

SWEENEY, J.

- (1992) Geographical variations in precipitation yields and circulation types in Britain and Ireland, *Transactions of the Institute of British Geographers*, 17(4), 448-463. (With O'Hare, G.)
- (1992) The Dubliners breathe better these days, *Systema Terra*, 1(2), 36-37.

- (1992) Our environment under threat: the Irish perspective, in Bell, J. (ed.) *The Environment and Society: The Challenge of the Nineties*, Litho Press, Dublin, 7-16.
- (1992) The potential impacts of increased Carbon Dioxide on Irish agricultural land use, in Cooper, A. and Wilson, P. (eds) *Managing Land Use Change*, Geographical Society of Ireland, Special Publication No. 7, Dublin.
- (1992) Modelling Dublin smoke pollution - an epilogue?, in Feehan, J. (ed.) *Environment and Development in Ireland*, The Environmental Institute, University College Dublin, 232-239.
- (1993) Lamb's circulation types and British weather: an evaluation, *Geography*, 78(1), 43-62. (With O'Hare, G.)
- (1994) Climate scenarios for Ireland, in Feehan, J. (ed.) *Climate Variation and Climate Change in Ireland*, The Environmental Institute, University College Dublin, 110-127.

TATE, N.J.

- (1992) A combined GIS/geostatistical analysis of PCB concentrations in soil samples from the Panteg District South Wales, in Lovett, A.A., Harts, J., Ottens, H.F.L. and Scholen (eds) *Proceedings of the third European conference on geographical information systems*, Vol 2, EGIS Foundation, Utrecht. (With Lovett, A.A.)

THOMAS, C.

- (1991) Centre and circumference: the re-modelling of Moscow, in Lewis, C.R. (ed.) *Urban Essays for Harold Carter*, Cambria, Swansea, 78-101.
- (1992) Reconstruction of settlement cores and colonization margins in Wales, in Verhoeve, A. and Vervloet, J.A.J. (eds) *The Transformation of the European Rural Landscape: Methodological Issues and Agrarian Change, 1770-1914*, FNRS, Brussels, 99-108. Republished as: Methodological issues and agrarian change 1770-1914, *Bulletin de la Societe Belge d'Etudes Geographiques*.
- (1993) A cultural-ecological model of agrarian colonisation in upland Wales, *Landscape History*, 14, 37-50.
- (1993) Geopolitics, transport and regional development in the south Slav lands, in Hall, D.R. (ed.) *Transport and Economic Development in the New Central and Eastern Europe*, Belhaven, London, 183-205.
- (1995) *Images of the Past: Perceptions of Landscapes in Wales*, The University of Wales, Aberystwyth, 19pp.

See also NUTLEY, S.D.

THORP, M.

- (1992) The timing of alluvial sedimentation and floodplain formation in the lowland humid tropics of Ghana, Sierra Leone and Western Kalimantan (Indonesian Borneo), *Geomorphology*, 4, 409-422. (With Thomas, M.F.)
- (1992) Landscape dynamics and surface deposits arising from later Quaternary environmental fluctuations at the Forest-Savanna boundary, in Furley, P.A., Proctor, J. and Ratter, J.A. (eds) *Nature and Dynamics of Forest-Savanna Boundaries*, Chapman and Hall, London. (With Thomas, M.F.)
- (1993) The geomorphology of some Quaternary placer deposits, *Zeitschrift fur Geomorphologie Supptbd. 87 Applied Geomorphology*, 183-194. (With Thomas, M.F.)
- (1993) Late Pleistocene sedimentation and landform development in Western Kalimantan (Indonesian Borneo) Reply by the authors, *Geologie en Mijnbouw*.

- (1994) Regolith and landscape evolution in the Koidu Basin of Sierra Leone, in Robinson, D. and Williams, R. (eds) *Rock Weathering and Landform Evolution*, John Wiley, Chichester, 101-120. (With Teeuw, R.M. and Thomas, M.F.)
- (1995) Geomorphic response to rapid climatic and hydrologic change during the late Pleistocene and early Holocene in the humid and sub-humid tropics, *Quaternary Science Reviews* 14, 193-207. (With Thomas, M.F.)
- (1995) Response of fluvial geomorphic systems to climatic and hydrologic change during the Late Glacial and Early Holocene in the Humid Tropics, in Gregory, K.J., Starkel, L. and Baker, V.R. (eds) *Global Continental Palaeohydrology*, Wiley, Chichester. (With Thomas, M.F.)

See also GALLAGHER, C.

TOMLINSON, R.W.

- (1991) Symposium on geographical information systems: GIS and machine peat extraction, *Journal of the Statistical and Social Inquiry Society of Ireland*, 26(3), 295-307.
- (1992) GIS and upland land use in Northern Ireland, *Mapping Awareness and GIS in Europe*, 6(4), 63-66. (With Cruickshank, M., Bond, D. and Devine, P.)
- (1993) A peatland database for Northern Ireland - methodology and a potential resource, *Biology and Environment*, Proceedings Royal Irish Academy, 93B, 13-24. (With Cruickshank, M.)
- (1993) Upland and mountain environments, in Nathan, B. et al. (eds) *Environmental Management Vol 2, The Ecosystems Approach*, Vubpress, Brussels, 93-122. (With Whalley, W.B.)
- (1995) Peat extraction, conservation and the rural economy in Northern Ireland, *Applied Geography* 15, 365-383. (With Cruickshank, M.M., Bond, D., Devine, P. Edwards, C.)

TYRRELL, J.

- (1991) Space-time factors in urban air quality monitoring networks, in Kiely, G.K., McKeough, E.J. and O'Kane, J.P.J (eds) *Proceedings of First Irish Environmental Engineering Conference*, Environmental Resource and Teaching Group, University College, Cork, 354-360.
- (1991) Eighteenth Century Weather Records in Cork, *Irish Meteorological Society Newsletter*, 20, 1-3.
- (1993) Game theory to simulate linkages between climate and food production in Africa, *Connect*, 18(4), 5-6.
- (1994) Climate and Irish history, in Feehan J. (ed.) *Climate Variation and Climate Change in Ireland*, Environmental Institute, University College Dublin, 25-31.
- (1995) Paraclimatic statistics and the study of climatic change: the case of the Cork region in the 1750s, *Climatic Change*, 29, 231-245
- (1995) Weather forecasts and 'freak' waves in the Celtic Sea, *Journal of Meteorology*, 20, 197, 77-81.

See also HICKEY, K.

WADDINGTON, S.B.

- (1991) Geography teaching in a Japanese Junior High school, *GeoNews*, 29, 16-18.
- (1992) Maynooth development plan exercise, *Geographical Viewpoint*, 20, 104-110.
- (1993) Contrasts in European awareness between Irish and Zimbabwean students, *Geographical Viewpoint*, 21, 93-100. (With Walsh, J.A.)
- (1994) Developing contour line skills, *Geographical Viewpoint*, 22, 81-85.
- (1994) Maynooth tourism development exercise, *Geographical Viewpoint*, 22, 118-122.

- (1995) The reactions of teachers to the Junior Certificate geography course, *Geographical Viewpoint*, 23, 37-46.
- (1995) The Human Development Index as an analytical tool in development geography, *Geographical Viewpoint*, 23, 47-58. (With Walsh, J.A.)
- See also GILLMOR, D.A.

WALSH J.A.

- (1991) *Local Economic Development and Administrative Reform*, Regional Studies Association, Dublin.
- (1991) A regional analysis of enterprise substitution in Irish agriculture in the context of a changing Common Agricultural Policy, *Irish Geography*, 24(1), 10-23.
- (1991) The turn-around of the turn-around in the population of the Republic of Ireland, *Irish Geography*, 24(2), 116-124.
- (1991) Population change in the Republic of Ireland in the 1980s, *Geographical Viewpoint*, 19, 89-98.
- (1991) Inter-regional migration in the Republic of Ireland: patterns and processes, in King, R. (ed.) *Contemporary Irish Migration*, Geographical Society of Ireland, Special Publications No. 6, 96-110.
- (1991) Regional and local development in Ireland in the 1990s, in *Local Economic Development and Administrative Reform*, 10-24.
- (1992) Using demographic statistics in Ireland: a spatial perspective, *GeoNews*, 31, 30-35.
- (1992) Adoption and diffusion processes in the mechanisation of Irish agriculture, *Irish Geography*, 25(1), 33-53.
- (1992) Economic restructuring and labour migration in the European periphery: the case of the Republic of Ireland, in Ó Cinnéide, M. and Grimes, S. (eds) *Planning and Development of Marginal Areas*, Centre for Development Studies, Galway, 23-36.
- (1992) The Republic of Ireland, in Townroe, P. and Martin, R. (eds) *Regional Development in the 1990s: The British Isles in Transition*, Jessica Kingsleys, London, 127-135.
- (1992) Education, migration and regional development, in Davis, J. P. (ed.) *Education, Training and Local Economic Development*, Regional Studies Association (Irish Branch), Dublin, 34-49.
- (1993) Planning for local and regional development in Ireland, *Irish Banking Review*, Autumn, 36-49.
- (1993) Neue Ansätze landlicher Entwicklungsstrategien, *RAUM*, Österreichische Zeitschrift für Raumplanung und Regionalpolitik, 10, June, 25-28.
- (1993) *Models for Regional and Local Development*, Centre for Local and Regional Development, St Patrick's College, Maynooth.
- (1993) Demographic and labour force adjustments in the context of economic restructuring: Ireland in the 1980s, in Flognfeldt, T. et al. (eds), *Conditions for Development in Marginal Regions*, Oppland College, Norway, 31-44.
- (1993) Modernisation and marginalisation under the Common Agricultural Policy: Irish agriculture in transition, in Flognfeldt, T. et al. (eds), *Conditions for Development in Marginal Regions*, Oppland College, Norway, 185-193.
- (1993) Regional development in Ireland under the Community Support Framework: review and prospects, in Van der Kamp, H. (ed.) *EC Funds for Ireland: Getting it Right*, Regional Studies Association (Irish Branch), Dublin, 55-74.
- (1994) *Kildare LEADER II Development Plan*, Kildare Leader Company. (With Boyle, G.E.)
- (1994) *The Information Needs of Small and Medium Size Enterprises in Kildare*, Centre for Local and Regional Development, Maynooth College. (With Griffin, K. and Trant, K.)
- (1994) *Directory and Database of Small and Medium Size Enterprises in Kildare*, Centre for Local and Regional Development, Maynooth College. (With Trant, K.)

- (1994) Ireland: a changing landscape, *This is Ireland*, 5, 30-31.
- (1994) Agriculture as a landuse in Ireland, in Gillmor, D. and Fenton, S. (eds) *Rural Landuse on the Atlantic Periphery of Europe: Scotland and Ireland*, Royal Irish Academy, Dublin, 99-116.
- (1994) Demographic statistics - a spatial perspective, *Proceedings of Seminars on Labour Market and Demographic Statistics*, Central Statistics Office, Dublin, 41-49.
- (1995) *Regions in Ireland: A Statistical Profile*, Regional Studies Association, Dublin.
- (1995) Economic geography: how Ireland's wealth is dispersed, in D'Arcy, M. and Dixon, T. (eds) *Border Crossings: Developing Ireland's Island Economy*, Gill and Macmillan, Dublin, 53-65.
- (1995) EC structural funds and economic development in the Republic of Ireland, in Shirlow, P. (ed.) *Developing Ireland: Contemporary Issues*, Pluto Press, Dublin, 59-74.
- (1995) The EU LEADER I initiative in Ireland, *Living Heritage*, 12(1), 42-43.
- (1995) Economic restructuring within the European periphery: the experience of Ireland, in Albrechts, L. et al. (eds) *An Enlarged Europe: Regions in Competition?*, Jessica Kingsley, London, 295-309. (With Greer, J. and Murray, M.)
- (1995) *Kildare Enterprise Action Plan*, Kildare County Enterprise Board. (With Boyle, G. E.)
- (1995) *EU LEADER I Initiative in Ireland: Evaluation and Recommendations*, Government Publications, Stationery Office, Dublin. (With Kearney, B. and Boyle, G.)
- (1995) Regional disparities in Europe, in Sweeney, G. (ed.) *Regional and Local Development*, BERG, Dublin, 1, 77-98.
- (1995) Regional development in Europe in theory and practice: Ireland, in Sweeney, G. (ed.) *Regional and Local Development*, BERG, Dublin, 1, 232-251.
- (1995) *Evaluation of Impacts of Compensatory Allowances in Less Favoured Areas of Ireland*, Department of Agriculture, Food and Forestry, Dublin. (With Kearney, B. and Boyle, G.)
- (1995) A new demographic revolution - changing structures in the European Union, *Geographical Viewpoint*, 23, 111-124. (With McDonagh, P.)
- (1995) The Irish school leaver trail: links between education and migration, *Geographical Viewpoint*, 23, 88-103. (With McHugh, C.)
- (1995) Ireland: the human resource warehouse of Europe, in Rees, P. et al. (eds) *Migration and the European Community*, Wiley, London.
- (1995) Ireland: region and state in the European Union, in Rhodes, M. (ed.) *The Regions of the New Europe: Patterns in Core and Periphery Development*, Manchester University Press, Manchester, 200-228. (With O'Donnell, R.)
- (1995) Regional development indicators, in Convery, F. and Feehan, J. (eds) *Assessing Sustainability in Ireland*, The Environmental Institute, University College, Dublin, 38-40.
- See also BREATHNACH, P., GILLMOR, D., MELDON, J., Ó CINNÉIDE, M.S. and WADDINGTON, S.

WHALLEY, W.B.

- (1992) The contribution of W.R.B. Battle to mechanical weathering studies, *Permafrost and Periglacial Processes*, 2, 341-346. (With McGreevy, J.P.)
- (1992) Rock properties as controls on free-face debris fall activity, *Permafrost and Periglacial Processes*, 2, 311-319. (With Douglas, G.R. and McGreevy, J.P.)
- (1992) Living with permafrost, *Geographical Magazine*, 64, October.
- (1992) Rock glaciers: II models and mechanisms, *Progress in Physical Geography*, 16, 127-186. (With Martin, E.H.)

- (1992) A rock glacier in South Ellendallen, Lyngen Alps, *Norsk Geogr Tidsskrift*, 46, 158-161.
- (1992) Formation of fluted moraine surfaces, Lyngsdalen, North Norway, *Quaternary Science Reviews*, 11, 709-731. (With Gordon, J.E., Gellatly, A.F. and Vere, D.M.)
- (1992) Short-term exposure of limestone test specimens in Venice, in Rodriguez, D., Henriques, F. and Jeremias, F. Telmo (eds) *Proceedings, 7th International Conference Stone Deterioration and Durability, Lisbon*, Laboratorio Nacional de Engenharia Civil, Lisbon, 287-296.
- (1994) Ice exposures in rock glaciers, *Journal of Glaciology*, 40, 135, 427-429. (With Palmer, C., Hamilton, S. and Gordon, G.)
- (1994) Models of flow of rock glaciers: analysis, critique and a possible test, *Permafrost and Periglacial Processes*, 5, 37-51. (With Azizi, F.)
- (1994) Mineralogical aspects of crack development and free-face activity in some basalt cliffs, County Antrim, Northern Ireland, in Robinson, D.A. and Williams, R.B.G. (eds) *Rock Weathering and Landform Evolution*, Wiley, Chichester, 71-88. (With Douglas, G.R. and McGreevy, F.J.P.)
- (1994) The importance of microfractures in granitic rock breakdown with reference to building stone decay, in Bell, E. and Cooper, T.P. (eds) *Granite Weathering and Conservation*, Director of Buildings Office, Trinity College, Dublin, 36-45. (With Rainey, M.M.)
- (1994) Environmental interpretation of rock glaciers in Northern Iceland, *Münchener Geographische Arbeiten*, B12, 289-308. (With Martin, H.E.)
- (1994) Lichenometric measurements on rock glaciers from Tröllaskagi, North Iceland, *Münchener Geographische Arbeiten*, B12, 205-224. (With Martin, H.E., Orr, J. and Caseldine, C. J.)
- (1995) The dynamics of rock glaciers: data from Tröllaskagi, north Iceland, in Slaymaker, O. (ed.) *Steepland Geomorphology*, Wiley, Chichester. (With Hamilton, S.J., Palmer, C.F., Gordon, J.E. and Martin, H.E.)
- (1995) Preliminary results from the lichenometric study of the Nautardalur rock glacier, Tröllaskagi, Northern Iceland, *Geomorphology*, 12, 123-132. (With Hamilton, S.J.)
- (1995) Rock glacier nomenclature: a reassessment, *Geomorphology*, 14, 73-80. (With Hamilton, S.J.)
- (1995) Recent historical fluctuations of the Glacier du Taillon, French Pyrenées, *Physical Geography*, 15, 399-413. (With Gellatly, A.F., Grove, J.M., Bücher, A. and Latham, R.)
- (1995) Teaching and learning on the Internet/WWW, *Active Learning*, 2, 25-29.
- (1995) An assessment of rock glacier sliding using seventeen years of velocity data: Nautárdalur Rock Glacier, North Iceland, *Arctic and Alpine Research*, 313-335. (With Palmer, C.F. and Hamilton, S.J.)
- (1995) Lichenometric sampling strategy comparisons and implications for future field study, *Arctic and Alpine Research*. (With Hamilton, S.J.)
- See also ORFORD, J., REA, B.R. and SMITH, B.J.

WHEELER, A.J.

- (1992) Vegetational succession, acidification and allogenic events as recorded in Flandrian peat deposits from an isolated Fenland embayment, *New Phytologist*, 122, 745-756
- (1995) Saltmarsh development from fen: analysis of late Holocene deposits from north-central Fenland, UK, *Quaternary International*, 26, 139-145.
- (1995) The Holocene lithostratigraphy of Fenland, eastern England: a review and suggestions for redefinition, *Geological Magazine*, 132, 223-233. (With Waller, M.P.)

WHELAN, K.

- (1992) Beyond a paper landscape. John Andrews and Irish historical geography, in Aalen, F.H.A. and Whelan, K. (eds) *Dublin City and County: From Prehistory to Present - Studies in Honour of J.H. Andrews*, Geography Publications, Dublin, 379-424.
- (1992) Town and village in Ireland 1600-1900, in Verhoeve, A. and Verloot, P. (eds) *The Landscape History of Europe*, University of Ghent, 298-305.
- (1992) Ireland in the Atlantic world 1600-1800, in Nitz, H. and Buttin, R. (eds) *The Early Modern World System in Geographical Perspective*, University of Gottingen, 56-71.
- (1992) The power of place, *Irish Review*, 12, 22-28.
- (1993) The geography of hurling, *History Ireland*, 1, 17-24.
- (1993) The bases of Irish regionalism, in Ó Drisceáil, P. (ed.) *Regions in Ireland: Identity and Power*, Dublin, 4-62.
- (1993) (ed.) *The United Irishmen. Republicanism, Radicalism and Rebellion*, Lilliput, Dublin. (Co-edited with Dickson D. and Keogh, D.)
- (1993) The United Irishmen, the Enlightenment and popular culture, in Dickson, D., Keogh, D. and Whelan, K. (eds) *The United Irishmen. Republicanism, Radicalism and Rebellion*, Lilliput, Dublin, 269-95.
- (1994) Settlement patterns in the west of Ireland in the pre-Famine period' in Collins, T. (ed.) *Decoding the landscape*, Galway, 60-78.
- (1994) An interview with Louis Cullen, *History Ireland*, 2(3), 8-12.
- (1994) The future of the Irish rural landscape, in Bethemont, J. (ed.) *Avenir des paysages ruraux Européens*, Lyon, 271-276.
- (1995) Enniscorthy, in Simms, A. and Andrews, J.H. (eds) *Irish Country Towns*, Mercier, Cork.
- (1995) Pre and post famine landscape change, in Porteir, C. (ed.) *The Great Irish Famine*, Mercier, Cork, 19-33.
- (1995) Wexford, in Andrews, J.H. and Simms, A. (eds) *More Irish Country Towns*, Mercier, Cork, 191-204.
- (1995) (ed.) *Nations and Nationalism in Eighteenth Century Europe*, Voltaire Foundation, Oxford. (Co-edited with O'Dea, M.)
- (1995) United and disunited Irishmen: the discourse of sectarianism in the 1790s, in O'Dea, M. and Whelan, K. (eds) *Nations and Nationalism in Eighteenth Century Europe*, Voltaire Foundation, Oxford, 231-247.
- See also AALEN, F.H.A.

WILCOCK, D.N.

- (1991) Arterial drainage, stream flow and the river environment, in Steer, M. (ed.) *Irish Rivers: Biology and Management*, Royal Irish Academy, Dublin, 205-218. (With Essery, C.I.)
- (1992) Image processing and habitat change in the Antrim Coast and Glens Area of Outstanding Natural Beauty, in Cooper, A. and Wilson, P. (eds) *Managing Land Use Change*. Geographical Society of Ireland, Special Publication No. 7, Dublin, 43-49.
- (1993) Rivers and inland water environments, in Nath B., Hens L., Compton P. and Devuyt, D. (eds) *Environmental Management - The Ecosystems Approach*, UNESCO, Vubpress, Brussels, 59-92.
- (1993) Rivers and inland water environments, in Nath B., Hens L., Compton P. and Devuyt, D. (eds) *Environmental Management - The Ecosystems Approach*, Vrije Universiteit Press, Brussels, 59-91.
- (1993) Managing urban watercourses in Northern Ireland's small towns. *Hydropolis - the role of water in urban planning*, Proceedings of the International UNESCO-International Hydrological Programme Workshop, 131-136.

- (1994) Implementing environmental policy in Northern Ireland, *UK Centre for Economic and Environmental Development Bulletin*, 45, 8-10.

WILSON, P.

- (1991) Buried soils and coastal aeolian sands at Portstewart, Co. Londonderry, Northern Ireland, *Scottish Geographical Magazine*, 107(3), 198-202.
- (1992) Occurrence and significance of ventifacts in the Falkland Islands, South Atlantic, *Geografiska Annaler A*, 74(1), 35-46.
- (1992) Trends and timescales in soil development on coastal dunes in the North of Ireland, in Carter, R.W.G., Curtis, T.G.F. and Sheehy-Skeffington, M.J. (eds) *Coastal Dunes: Geomorphology, Ecology and Management for Conservation*, Balkema, Rotterdam, 153-162.
- (1992) Small-scale patterned ground, Comeragh Mountains, South-East Ireland, *Permafrost and Periglacial Processes*, 3(1), 63-70.
- (1993) Ploughing-boulder characteristics and associated soil properties in the Lake District and Southern Scotland, *Scottish Geographical Magazine*, 109(1), 18-26.
- (1993) Description and origin of some talus-foot debris accumulations, Aghla mountains, Co Donegal, Ireland, *Permafrost and Periglacial Processes*, 4(3), 231-244.
- (1993) Morphology and causes of recent peat slides on Skerry Hill, Co Antrim, Northern Ireland, *Earth Surface Processes and Landforms*, 18, 593-601. (With Hegarty, C.A.)
- (1994) Valley of moraines in Borrowdale, *The Quaternary of Cumbria: Field Guide*, Quaternary Research Association, Oxford 153-156. (With Clark, R.)
- (1994) Origin, chronology and environmental significance of Holocene aeolian and alluvial sands at Blue Mountain, Falkland Islands, *The Holocene*, 4(1), 42-52.
- (1994) Some recent earth science and ecological studies in the Falkland Islands, *The Falkland Islands Journal*, 6, 10-25. (With Clark, R., Simpson, N. and Nolan, R.)
- (1994) Présence d'un étage périglaciaire à sols structures actifs au sommet des montagnes quartzitiques du Donegal (Irlande) L'exemple du Muckish, *Environnements Périglaciaires*, 1, 71-86. (With Sellier, D.)
- (1994) Characteristics, age and significance of buried podzols in the Grangemore sand dunes, Co Londonderry, *Irish Naturalists' Journal*, 24, 475-480.
- (1994) Chronology and evolution of coastal dunes near Dunfanaghy, Donegal, *Sea-Level Change and the Coastal Environment*, Irish Association for Quaternary Studies, Dublin, 24-27.
- (1995) Sand dunes and archaeology, *Archaeology Ireland*, 9, 24-26.
- (1995) Active patterned ground and cryoturbation on Muckish Mountain, Co. Donegal, Ireland, *Permafrost and Periglacial Processes*, 6, 15-25. (With Sellier, D.)
- See also CARTER, W.R.G. and COOPER, A.