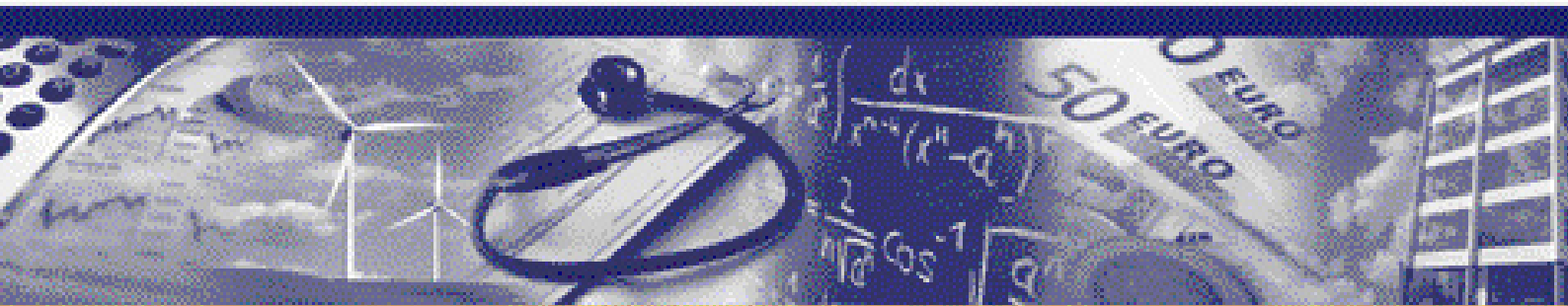




THE ECONOMIC AND SOCIAL RESEARCH INSTITUTE



**REVIEW OF RESEARCH  
2008**



## THE ECONOMIC AND SOCIAL RESEARCH INSTITUTE

The Economic and Social Research Institute was founded in 1960, as The Economic Research Institute, with the assistance of a grant from the Ford Foundation of New York. In 1966 the Institute assumed responsibility for social research and extended its title to The Economic and Social Research Institute.

The mission of the ESRI is to produce high-quality research that contributes to understanding economic and social change and that informs public policymaking and civil society in Ireland and throughout the European Union. The Institute's research has been a vital constituent in national debates on economic and social issues for nearly 50 years. Its primary research goal is to develop and implement a sustainable research agenda that matches closely the key long-term economic and social challenges facing Ireland in the changing international context over the next decade.

The Institute is a not-for-profit organisation with charitable status, registered as a company limited by guarantee. The ESRI is governed by a Council consisting of up to 12 members, in addition to the President and the Director. Members of the Council are appointed from amongst the general members of the Institute, broadly representing the social partners, Government Departments, State agencies, universities and other research institutes. The Institute receives an annual grant-in-aid from the Irish Government, which covers approximately 27 per cent of total expenditure (average over 3 years). The remainder of the Institute's income comes from funded research programmes, commissioned research projects, EU and Irish research grants, sponsorship of Institute activities by Irish business, and membership subscriptions.

The ESRI's most important resource is its research staff, whose high levels of expertise allow them to work to international standards of excellence. The results of the Institute's research have been included in hundreds of reports published by the ESRI, including the *Quarterly Economic Commentary* and the *Medium-Term Review of the Irish Economy*, as well as in numerous books and articles in academic journals, published in Ireland and abroad.

Further information is available at [www.esri.ie](http://www.esri.ie)

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Mary Finan (Chairman) and Frances Ruane (Director) at the Budget Perspectives 2009 Conference, October 2008



Ray Barrell (National Institute for Economic and Social Research, (NIESR) London), Philip Lane (IIIS, TCD), Tim Callan and Joe Durkan (UCD) at the Budget Perspectives 2009 Conference, October 2008

Since 1960 the ESRI, through its research publications and interactions with the policy community and wider society, has contributed to shaping and enhancing Ireland's economic and social development. Simultaneously, the Institute has established a world-class reputation as a centre of excellence for policy relevant research in the social sciences, and is one of Europe's leading research centres.

This *Review* is designed to give stakeholders and the wider public an overview of the research activities at the ESRI during 2008, which was a turbulent year for the Irish economy and consequently for Irish society. While the economic downturn had been long anticipated, the scale and speed of the downturn exceeded what the Institute had expected. The ESRI is still positive about the medium-term outlook for the Irish economy, but its prospects are much less than those outlined in the *2008-2015 Medium-Term Review*, published in May 2008. It still seems extraordinary now that when the *Quarterly Economic Commentary* published in June of 2008 indicated that the Irish economy was in recession, the Institute was criticised by some for 'damaging' the economy by declaring a 'recession'.

There is widespread agreement that strategies for returning the economy to growth must also take into account considerations of social equity and environmental sustainability. Consequently, the Institute's research agenda, which is structured in terms of the three broad Lisbon Strategy Goals (Economic Growth, Social Progress and Environmental Sustainability), is highly relevant to the new challenges that Ireland faces.<sup>1</sup> Within this structure, we can explore the major issues that are central to our recovery, such as competitiveness, fiscal stability, unemployment, the costs of tackling global warming, and the interconnections between them. This *Review* summarises the Institute's research activities in each of these domains in 2008 so that the reader can readily identify the relevant research of interest. To ensure that the coverage for each research programme area is complete,

<sup>1</sup> The research agenda is set out in *ESRI Strategic Plan 2008-2013: Research for a Changing Ireland*. The Plan, which was posted on the ESRI website in April 2008, identified the Institute's vision and mission, together with the research areas for particular development, and the required actions needed to achieve these developments.

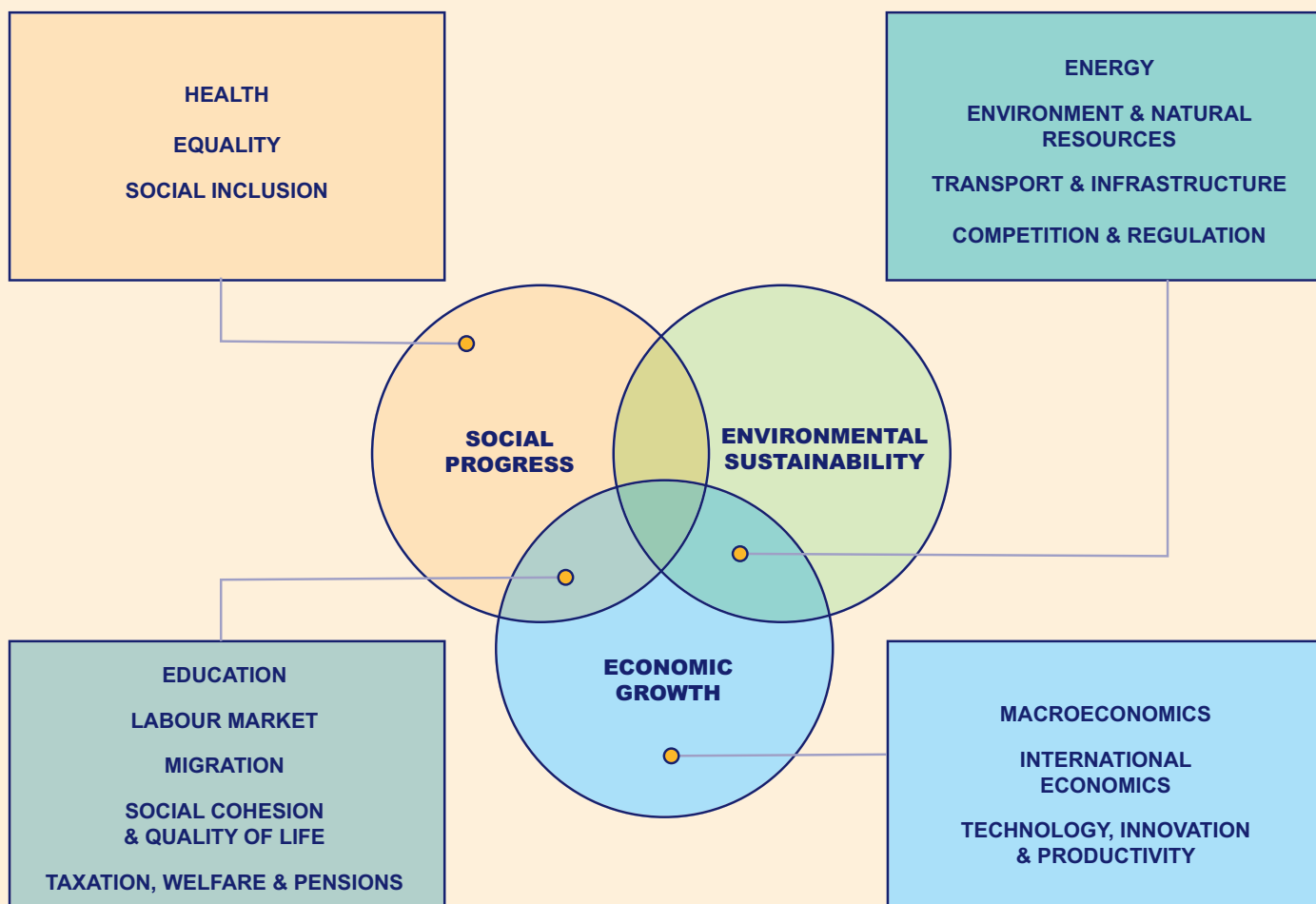
we duplicate some entries, where the research overlaps different research areas.

The Institute's ability to provide evidence to support policy decisions became all the more important during 2008 and will continue through 2009 and beyond. In terms of restoring the public finances, the Institute's macro model (*Hermes*) and tax benefit model (*SWITCH*) can provide illumination on the implications for the public finances of different policy choices. On the expenditure side, research on education and health at the Institute can help inform on how best to increase the effectiveness of public spending in these areas.

During 2008 ESRI researchers published 64 journal articles and book chapters, 58 working papers, 52 monographs (published by ESRI and other agencies), and 4 economic commentaries. The 2008 Geary Lecture, delivered by Professor David Audretsch, addressed the very pertinent issue of *The Entrepreneurial Society*. In addition to the Institute's regular series of Thursday seminars, which are open to researchers and policymakers, the Institute hosted several important conferences and workshops in 2008. These included the annual Pre-Budget Conference (held jointly with the Foundation for Fiscal Studies) which provided an important Forum for an early discussion by economists and policymakers of research relevant to the economic crisis. To support the developing research agenda, several additional researchers joined the Institute in the macroeconomics, energy, environment and health areas during 2008.

The direction and focus of ESRI research reflects both challenging policy issues at national and EU levels and the availability of resources to underpin research programmes. The Institute is dependent on public bodies to support its research, and it recognises its responsibility to use these resources efficiently and accountably. The key sources of funding in 2008 are identified in this *Review* – they include major programmes and projects for government departments and agencies, as well as EU, international and Irish research grants. The support of these bodies is crucial if the Institute is to be able to produce the research evidence needed for policy.

**Frances Ruane** (*Director*)  
November 2009



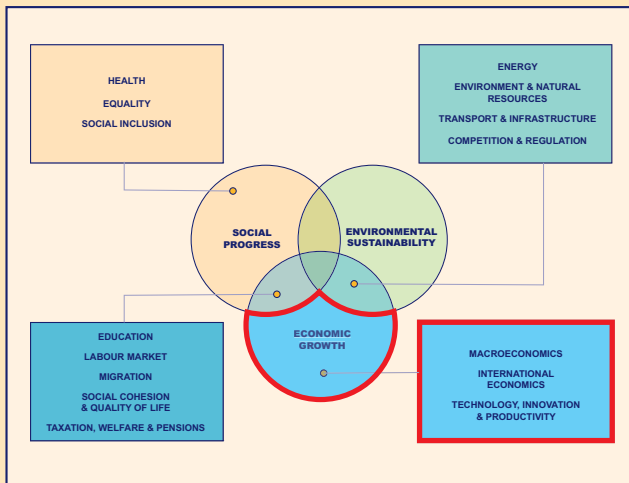
## RESEARCH AREAS

The ESRI's research programmes are now grouped under four general headings:

- research which is focused on informing policies related to Economic Growth;
- research which seeks to inform policies relating to Social Progress;
- research at the interface between Economic Growth and Social Progress; and
- research at the interface between Economic Growth and Environmental Sustainability.

The following paragraphs summarise research activities and findings in these areas during 2008.

# Economic Growth

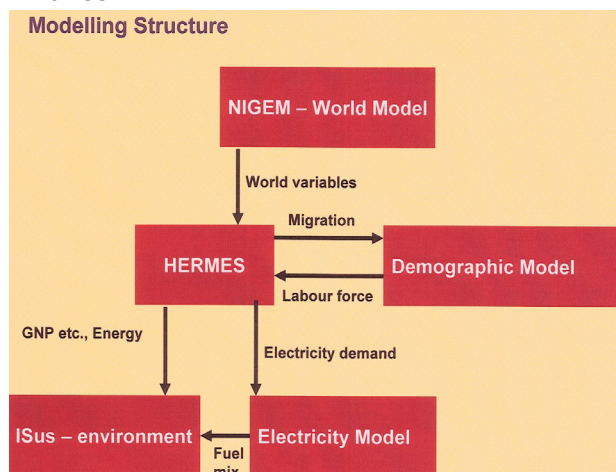


There are three programmes of research in this area:

- **Macroeconomics** (coordinated by Professor John Fitz Gerald);
- **International Economics** (coordinated by Dr Iulia Siedschlag); and
- **Technology, Productivity and Innovation** (coordinated by Dr Iulia Siedschlag).

## MACROECONOMICS

In May 2008 the ESRI published its latest *Medium-Term Review* analysing the recent behaviour of the Irish economy and the implications of this behaviour for the potential growth rate of the Irish economy in the medium term. In November 2008 a report was published by the ESRI as part of the EUROFRAME Network of European economic research institutes considering the impact of the world recession on the EU economy. This report fed into the ongoing research underlying the ESRI's *Quarterly Economic Commentary*. The research in this area is primarily funded under grant in aid from the **Department of Finance**.



Over the course of the year research was carried out on:

- (a) *The macroeconomic effects of taxation, especially of carbon taxes*: This research indicated that because a carbon tax would have

little impact on the labour market, its negative economic consequences would be much less than those for an equivalent increase in income taxation.

- (b) *The misperception of inflation by Irish consumers*: This research reveals systematic overestimation of inflation by Irish consumers, which varies by social group. There is evidence that inflation misperceptions are linked to attitudes and intentions with respect to consumption and saving and, hence, are likely to affect household decision making. The findings, therefore, raise issues regarding the relationship between financial literacy and consumer behaviour.
- (c) *The factors driving the market services sector*: The changing structure of the world economy means that many parts of the services sector are now tradable. As a result, international competitiveness matters much more for this sector today than it did twenty years ago. Today, 40 per cent of Irish exports are services and this percentage is likely to increase over the coming years.
- (d) *The macroeconomic impact of changing the rate of corporation tax*: While the reduction in the rate of corporation tax applicable to the services sector after 1994 had a significant effect on economic growth, it was not one of the primary causes of rapid growth during the boom period of the late 1990s.

# Economic Growth

## MACROECONOMICS (continued)

### Programme Coordinator: John Fitz Gerald

Others working in this area include: Alan Barrett, Adele Bergin, Thomas Conefrey, David Duffy, Jean Goggin, Stefanie Haller, Ide Kearney, Edgar Morgenroth, Martin O'Brien, Iulia Siedschlag, Richard S. J. Tol.

Project Title	Client/Funding Agency	Status	Researchers
Consumer Sentiment Index	IIB Bank	In progress	D. Duffy
Co-operation with Department of Finance on Medium-Term Model	Grant in Aid	In progress	J. Fitz Gerald A. Bergin T. Conefrey I. Kearney
Current Trends in the Irish Economy - <i>Quarterly Economic Commentary</i>	Grant in Aid	In progress	A. Barrett I. Kearney M. O'Brien
Economic Assessment of the Euro Area	Grant in Aid	In progress	J. Fitz Gerald A. Bergin Euroframe Group
House Price Index	permanent tsb	In progress	D. Duffy
Medium-Term Economic Review and Outlook for Ireland	Grant in Aid	In progress	J. Fitz Gerald A. Bergin I. Kearney A. Barrett D. Duffy T. Conefrey



## MACROECONOMICS (continued)

### Journal Articles and Chapters in Books

“A Rational, Successive g-index Applied to Economics Departments in Ireland”, *Journal of Informetrics*, Vol. 2, Issue 2, April 2008, **Richard S. J. Tol**.

“Affordable Housing in the Republic of Ireland”, D. Fitzsimons & J. McPeake (eds.), *Affordable Housing: An International Perspective*, **Edgar Morgenroth**.

“An Analysis of the Potential of the European Commission Business and Consumer Surveys for Macroeconomic Forecasting”, special article in *Quarterly Economic Commentary*, Winter 2008, pp. 46-67, **Jean Goggin**.

“Rational (Successive) h-indices: An Application to Economics in the Republic of Ireland”, *Scientometrics*, Vol. 75, No. 2, May 2008, **Frances Ruane, Richard S. J. Tol**.

“The Regional Dimension of Taxes and Public Expenditure in Ireland”, *Regional Studies*, 2008, **Edgar Morgenroth**.

### Reports and Other Publications

*Budget Perspectives 2009*, ESRI Research Series No. 4, **Tim Callan, Ray Barrell, Alan Barrett, Noel Casserly, Frank Convery, Jean Goggin, Ide Kearney, Simon Kirby, Pete Lunn, Martin O’Brien, Lisa Ryan**.

*Economic Assessment of the Euro Area: Autumn Report 2008*, ESRI Survey and Statistical Report Series, **John Fitz Gerald, Jean Goggin, Adele Bergin**.

*Medium-Term Review 2008-2015, No. 11*, **John Fitz Gerald, Adele Bergin, Thomas Conefrey, Seán Diffney, David Duffy, Ide Kearney, Seán Lyons, Laura Malaguzzi Valeri, Karen Mayor, Richard S. J. Tol**.

*Quarterly Economic Commentary*, Spring 2008, **Alan Barrett, Ide Kearney, Martin O’Brien**.

*Quarterly Economic Commentary*, Summer 2008, **Alan Barrett, Ide Kearney, Martin O’Brien**.

*Quarterly Economic Commentary*, Autumn 2008, **Alan Barrett, Ide Kearney, Jean Goggin, Martin O’Brien**.

*Quarterly Economic Commentary*, Winter 2008, **Alan Barrett, Ide Kearney, Jean Goggin**.

*The Impact of European Integration on Regional Structural Change and Cohesion*, Books and Monographs published by Other Agencies No. 105, **Christiane Krieger-Boden, Edgar Morgenroth, George Petrakos**.

### ESRI Working Papers

WP 223: “Environmental Accounts for the Republic of Ireland: 1990-2005”, **Seán Lyons, Karen Mayor, Richard S. J. Tol**.

WP 224: “A Hirsch Measure for the Quality of Research Supervision, and an Illustration with Trade Economists”, **Frances Ruane, Richard S. J. Tol**.

WP 230: “Estimating the Economic Cost of Disability in Ireland”, **John Cullinan, Brenda Gannon, Seán Lyons**.

WP 261: “The Misperception of Inflation by Irish Consumers”, **David Duffy, Pete Lunn**.

WP 267: “Resonances from “Economic Development” for Current Economic Policymaking”, **Frances Ruane**.

WP 271: “Exploring the Economic Geography of Ireland”, **Edgar Morgenroth**.

## MACROECONOMICS (continued)

### Papers Read to Conferences and Learned Societies

“Blowing Bubbles and Bursting Them: Ireland and Spain”, 78th Kieler Konjunkturgespräch, Kiel Institute for the World Economy, Kiel, September 2008, **John Fitz Gerald**.

“Drivers of Change in a Challenging Economic Environment”, The Association for Technological Implementation in Europe Conference, Dublin, May, **Frances Ruane**.

“Economic Issues for Scotland, Lessons from Ireland”, Centre for Public Policy for Regions on Spatial Research & Public Policy Issues Conference, London, May, **Frances Ruane**.

“Economic Prospects”, Association of European Journalists, December, **John Fitz Gerald**.

“‘Eternal Youth or the End is Nigh?’ Ireland 2007-2012”, Institute of Bankers, March, **John Fitz Gerald**.

“Fiscal Policy and Economic Development”, Quebec, Canadian Chamber of Commerce, Global Competitiveness Conference, November, **Frances Ruane**.

“Globalisation and the Irish Economy: Responding Successfully to Change”, ICTU Annual Conference, April, **Frances Ruane**.

“Looking Forward: Short, Medium and Long-Run Challenges for Ireland”, RDS Business Committee, April, **Frances Ruane**.

“The Medium-Term Prospects for Ireland”, Irish Management Institute, May, **John Fitz Gerald**.

“The Medium-Term Prospects for Ireland and the Partnership Process”, Confederation of Swedish Enterprise, June, **John Fitz Gerald**.

“Prospects for the World and the Irish Economies”, Eisenhower Fellowship, November, **John Fitz Gerald**.

“Prospects for the Irish Economy”, ERA Real Estate Ireland Annual Conference, September, **David Duffy**.

“Resonances from Economic Development for Current Economic Policy Making”, IPA Conference, Dublin, September, **Frances Ruane**.

“Short-term Prospects for the Irish Economy”, Economic Research Institute of Northern Ireland, November, **Alan Barrett**.

“The Credit Crunch - Europe’s Role in Changing Economic Circumstances”, European Union Commission, Dublin, October, **John Fitz Gerald**.

“The Impact of the Structural Funds in Ireland”, presented at a conference on *The Capacity of the Public and Private Sector for the Utilisation of the European Funds*, Plovdiv, Bulgaria, February, **Edgar Morgenroth**.



Martyn Turner's comment on ESRI forecasting (cartoon from *The Irish Times* December 2008).

“The Irish Economy in 2009”, presented at the Construction Industry Federation Annual Conference, November, **Edgar Morgenroth**.

“The Republic of Ireland’s Housing Market”, Chartered Institute of Housing, Belfast, June, **David Duffy**.

“Transformation of the Irish Economy”, Seminar *Ireland’s Economic Transformation: Miracle or Model?*, European Commission Directorate General Ecofin, Brussels, June, **John Fitz Gerald**.

## INTERNATIONAL ECONOMICS

In 2008, this research programme comprised three thematic areas:

- (a) *European Economic and Monetary Union (EMU)*: Research in this area focused on the analysis of macroeconomic differentials and adjustment mechanisms in the Euro Area and the effects of the single currency on trade. Research results indicate that output growth differentials in the Euro Area were mainly due to underlying trend growth differentials while the cyclical components of growth rates have become more synchronised.
- (b) *International Capital Flows and Financial Market Integration*: Research in this area is part of an international research consortium led by the ESRI in co-operation with nine leading universities and research institutes in Europe, funded under the **EU 6th RTD Framework Programme**. The success of China in attracting foreign direct investment has raised concerns that it may have been at the expense of other countries and regions. Our research suggests that, ceteris paribus, foreign direct investment into China has been complementary to foreign direct investment into the European Union's countries. It appears that countries which attract mainly foreign direct investment driven by market access adjust better to competitive pressures from China.
- (c) *Trade and Firm Heterogeneity*: Research in this area is part of an international research project and is funded under a grant from the **Irish Research Council for the Humanities and Social Sciences**. Research shows that exporters are more productive than non-exporters when observed and unobserved heterogeneity are controlled for. There is strong evidence in favour of self-selection of more productive firms into export markets. The results for the Republic of Ireland are part of an

international study that documents differences in exporter premia across countries in identically specified empirical models. Further research in this area, funded by **Enterprise Ireland**, focused on the links between indigenous and foreign industry in Ireland. Research shows that just under half of the number of indigenous enterprises trade with foreign-owned enterprises that are based in the Irish Republic. There is some evidence that trade with local subsidiaries of foreign multinationals is a substitute for exports.

# Economic Growth

## INTERNATIONAL ECONOMICS (continued)

### Programme Coordinator: Iulia Siedschlag

Other staff working in this area include: John Fitz Gerald, Jean Goggin, Stefanie Haller, Edgar Morgenroth, Gavin Murphy, Martin O'Brien, Frances Ruane, Donal Smith, Richard S. J. Tol and Xiaoheng Zhang.

Project Title	Client/Funding Agency	Status	Researchers
A Gravity Model Approach to Estimating the Expected Volume of North/South Trade	InterTrade Ireland	In progress	E. Morgenroth
Dynamic Regions in a Knowledge-Driven Global Economy: Lessons and Policy Implications for the EU (DYNREG)	European Commission, DG Research FP6	In progress	I. Siedschlag E. Morgenroth S. Haller M. Schiffbauer G. Murphy D. Smith X. Zhang I. Nash
Exploring Links between Indigenous and Foreign Industry in Ireland	Enterprise Ireland	In progress	F. Ruane S. Haller
Globalisation and Exporter Productivity in Developed Open Economies	IRCHSS	In progress	F. Ruane S. Haller A.M. Gleeson (WIT)
Investigations into North-South Trade Statistics	Innovation Lab Ltd.	In progress	E. Morgenroth
Managing Capital Flows	Asian Development Bank Institute	Completed	I. Siedschlag G. Murphy
Turning Globalisation to National Advantage: Economic Policy Lessons from Ireland's Experience	IRCHSS	In progress	I. Siedschlag J. Fitz Gerald S. Haller J. Goggin M. Schiffbauer G. Murphy K. Mayor T. Conefrey

## INTERNATIONAL ECONOMICS (continued)

### Journal Articles and Chapters in Books

“European Integration, Regional Growth and Cohesion: An Overview”, *International Journal of Public Policy*, Vol. 3, No. 3/4, pp. 141-145, Peter Nijkamp, **Iulia Siedschlag**.

“Regional Structural Change and Cohesion in the Enlarged European Union: An Introduction”, C. Krieger-Boden, E. Morgenroth & G. Petrakos (eds.), *The Impact of European Integration on Regional Structural Change and Cohesion*, Christiane Krieger-Boden, **Iulia Siedschlag**.

### Reports and Other Publications

*Economic Assessment of the Euro Area: Autumn Report 2008*, ESRI Survey and Statistical Report Series, **John Fitz Gerald, Jean Goggin, Adele Bergin**.

*Foreign Direct Investment, Economic Growth and Labour Market Performance: Empirical Evidence from the New EU Countries*, Books and Monographs published by Other Agencies No. 117, Maria Birsan, Gabor Hunya, **Iulia Siedschlag**.

*International Journal of Public Policy: Special Issue on European Integration, Regional Growth and Cohesion*, Books and Monographs published by Other Agencies No. 118, Peter Nijkamp, **Iulia Siedschlag**.

*Macroeconomic Differentials and Adjustment in the Euro Area*, Books and Monographs published by Other Agencies No. 122, **Iulia Siedschlag**.

*Managing Capital Flows: Experiences from Central and Eastern Europe*, ADB Institute Discussion Paper No.103, Other Publications by External Agencies No. 68, Jürgen Von Hagen, **Iulia Siedschlag**.

*The Impact of European Integration on Regional Structural Change and Cohesion*, Books and Monographs published by Other Agencies No. 105, Christiane Krieger-Boden, **Edgar Morgenroth**, George Petrakos.

### ESRI Working Papers

WP 231: “Is FDI into China Crowding Out the FDI into the European Union?”, Laura Resmini, **Iulia Siedschlag**.

WP 234: “Managing Capital Flows: Experiences from Central and Eastern Europe”, Jürgen von Hagen, **Iulia Siedschlag**.

WP 243: “The Effect of the Euro on Export Patterns: Empirical Evidence from Industry Data”, Gavin Murphy, **Iulia Siedschlag**.

WP 245: “Non-Cash Benefits and the Distribution of Economic Welfare”, **Tim Callan, Claire Keane**.

WP 254: “Measuring International Inequity Aversion”, **Richard S. J. Tol**.

### Papers Read to Conferences and Learned Societies

“Accounting for Firm Heterogeneity – Distribution of Production Factors and Economic Growth”, DIW Workshop Berlin, November, **Marc Schiffbauer**.

“Competition and productivity - evidence from recent entry deregulations in ECA countries”, at the ESRI-IAW Workshop, Institute for Applied Economic Analysis, Tübingen, November, **Marc Schiffbauer**.

“Consequences of Dynamic Growth and Shifting Comparative Advantages on Trade, Income and Convergence Patterns”, International Conference, European Commission, DG Research, Brussels, November, **Iulia Siedschlag**.

“Determinants of ICT Adoption: Empirical Evidence from Firm-Level Data”, the Annual Conference of the Royal Economic Society, University of Warwick, March, **Stefanie Haller**.

“Determinants of ICT Adoption: Empirical Evidence from Firm-Level Data”, CSO Business Statistics Seminar, Dublin, February, **Stefanie Haller**.

### INTERNATIONAL ECONOMICS (continued)



Frances Ruane and guest speaker David Audretsch with members of the Dooney (Geary) family at the Geary Lecture.

Discussant of paper “Trade, FDI and Unemployment of Low-skilled Workers” at the Norface Programme Seminar II *FDI and the Globalisation of European Labour Markets*, ifo Institute, Munich, October, **Stefanie Haller**.

Discussant of Papers:

“Does the Single Currency Affect Foreign Direct Investment? A Gravity-like Approach” by José de Sousa and Julie Lochard;

“Does Trade Contribute to Synchronization of Economic Shocks in Europe?”, by Peter Mikek;

“Prices and Output Co-movements: an Empirical Investigation for the CEECs”, Iuliana Matei;

International EUROFRAME Conference *Ten Years of a Common Currency: Achievements and Policy Challenges in the Euro Area*; EUROFRAME and ESRI, June. **Iulia Siedschlag**.

“Exchange Rates and Producer Prices: Evidence from Micro Data”, presentation given at *CEAD 2008, Comparative Analysis of Enterprise Data*, Budapest, May, and at the 2nd Workshop of the International Study Group on Exports and Productivity in Nottingham, February, **Stefanie Haller**.

“How Well Are the EU Countries Prepared to Cope with New Globalisation Challenges?”, International Conference, European Commission, Directorate General Research, Brussels, November, **Iulia Siedschlag**.

“Inflation, financial development and long-run TFP-growth”, the European Economic Association, Bocconi University, Milan, August, and the DYNREG Workshop, Ljubljana, October, and the European Commission, Directorate General Research, Brussels, November, **Marc Schiffbauer**.

## INTERNATIONAL ECONOMICS (continued)

“Internationalisation of Production: How is Ireland Coping with the New Challenges?”, ESRI Policy Dialogue Meeting: “Making the Best of Globalisation”, ESRI and PLATON+ Consortium, June, **Iulia Siedschlag** and **Gavin Murphy**.

“Is FDI into China Crowding out FDI into the European Union?”, the International Research Workshop, Bocconi University, Milan, January; the Irish Economic Association Annual Conference, Westport, April; the European Trade Study Group, 10th Annual Conference, University of Warsaw, September; the International Conference, European Commission, Directorate General Research, Brussels, November, **Iulia Siedschlag**.

“Managing Capital Flows: The Experience of Central and Eastern European Countries”, International Conference, Asian Development Bank Institute, Tokyo, March, Juergen von Hagen and **Iulia Siedschlag**.

“Performance Around Major Events in the Lives of Domestic and Foreign-owned Plants”, ESRI-IAW Workshop, Institute for Applied Economic Analysis, Tübingen, November, **Stefanie Haller**.

“The Determinants of Location Choices by Pharmaceutical MNEs in Europe”, ETSG Annual Conference, Warsaw, September, **Frances Ruane**.

“The Effect of the Euro on Export Patterns: Empirical Evidence from Industry Data”, The Irish Economic Association Annual Conference, Westport, April and the International EUROFRAME Conference *Ten Years of a Common Currency: Achievements and Policy Challenges in the Euro Area*, EUROFRAME and ESRI, June, **Gavin Murphy** and **Iulia Siedschlag**.

“The Role of Public Policies in Fostering Innovation and Growth”, European Commission, Directorate General Research, Brussels, November, **Marc Schiffbauer**.

### ESRI Seminars

“Analysis of Socio-Economic Disparities Among Countries by a Structural Equations Model”, Peter Nijkamp (Free University Amsterdam).

“Making the Best of Globalisation”, **Iulia Siedschlag**, Laura Resmini (University of Valle d’Aosta, Aosta and Bocconi University, Milan), **Edgar Morgenroth**.

“Trading Activities, Firms and Productivity”, Dr Carlo Altomonte (Bocconi University, Milan).

“U.S. Science and Technology Led Economic Development: Impact of Globalisation and Growth of Emergent Economies”, Roger R Stough (George Mason University, Fairfax, USA).

## TECHNOLOGY, INNOVATION AND PRODUCTIVITY

This research programme focused on two themes in 2008:

(a) *The Economic Impact of Information and Communication Technologies (ICT)*: Research in this area has taken place as part of an international research project funded by the **European Commission's Institute for Prospective Technological Studies**. The research team includes international and national experts from eleven European countries. Research in 2008 focused on an in-depth analysis of the consequences of ICT use and globalisation on regional economies. The case study analysis on Southern and Eastern Ireland highlights the role played by the foreign-owned high-tech ICT-using sector in the emergence of the indigenous software sector.

(b) *International Diffusion of New Technologies*: Research in this area is part of an international research consortium led by the ESRI in co-operation with nine leading universities and research institutes in Europe, funded under the **EU 6th RTD Framework Programme**. Multinational enterprises play a major role in the internationalisation of R&D and the diffusion of new technologies. Our research shows that the location choice of R&D foreign affiliates is driven by the size of demand, agglomeration economies, as well as supply-related factors such as access to high skills, high level of technology development, proximity to centres of research excellence, ICT infrastructure, flexible labour markets and low production cost.

### Programme Coordinator: Iulia Siedschlag

Other members of staff working in this area include: Stefanie Haller, Seán Lyons, Edgar Morgenroth, Gavin Murphy, Frances Ruane, Richard S.J. Tol, Donal Smith and Xiaoheng Zhang.

Project Title	Client/Funding Agency	Status	Researchers
Knowledge Economy, Economic Transformations and ICT in the EU25+: Regional Dynamics in the Deployment Phase	European Commission, DG Joint Research Centre	In progress	I. Siedschlag S. Haller G. Murphy D. Smith X. Zhang
Platon+ - Strengthening the Role that Socio-Economic Sciences and Humanities have on the Development of the European Research Area	European Commission, DG Research, FP7	In progress	I. Siedschlag G. Murphy D. Smith X. Zhang



## TECHNOLOGY, INNOVATION AND PRODUCTIVITY (continued)

**Journal Articles and Chapters in Books**

“A Rational, Successive g-index Applied to Economics Departments in Ireland”, *Journal of Informetrics*, Vol. 2, Issue 2, April 2008,

**Richard S. J. Tol.**

“Rational (Successive) h-indices: An Application to Economics in the Republic of Ireland”, *Scientometrics*, Vol. 75, No. 2, May 2008,

**Frances Ruane, Richard S. J. Tol.**

“The Distribution of Productivity in Irish Manufacturing Between 1995 and 2004: Determinants, Changes and Implications”, *The Economic and Social Review*, Vol. 39, No. 1, Spring 2008, **Stefanie Haller.**

**Reports and Other Publications**

*The Knowledge Economy, Economic Transformations and ICT in EU+25: Theoretical and Conceptual Framework*, Books and Monographs published by Other Agencies No. 133, **Iulia Siedschlag, Gavin Murphy**, Charlie Karlsson, Gunther Maier, Michaela Trippl, Robert Owen

*The Knowledge Economy, Economic Transformations and ICT in EU+25: Regional Selection and Empirical Approach*, *Research Report*, Books and Monographs published by Other Agencies No. 134, Gunther Maier, Michaela Trippl, **Iulia Siedschlag.**

**ESRI Working Papers**

WP 224: “A Hirsch Measure for the Quality of Research Supervision, and an Illustration with Trade Economists”, **Frances Ruane, Richard S. J. Tol.**

WP 233: “ICT Diffusion, Innovation Systems, Globalisation and Regional Economic Dynamics: Theory and Empirical Evidence”, Charlie Karlsson, Gunther Maier, Michaela Trippl, **Iulia Siedschlag**, Robert Owen, **Gavin Murphy.**

**Papers Read to Conferences and Learned Societies**

“Determinants of ICT Adoption: Empirical Evidence from Firm-Level Data”, presented at the International Research Workshop, Bocconi University, Milan, January, **Stefanie Haller, Iulia Siedschlag** and at the International Conference: *The Economics of Information and Communication Technologies*, Centre for European Economic Research (ZEW), Mannheim, July 2008, **Iulia Siedschlag.**

Discussant of Paper:

“How Does ICT Enhance Productivity? Evidence from Latent Retail Technologies in Chile”, by Gaaitzen de Vries and Michael Koetter, International Conference: *The Economics of Information and Communication Technologies*, Centre for European Economic Research (ZEW), Mannheim, July 2008, **Iulia Siedschlag.**

“Decomposing Productivity Growth in the Domestically- owned Irish Manufacturing Sector”, ESRI Tubingen Workshop, November, **Frances Ruane.**

**ESRI Seminars**

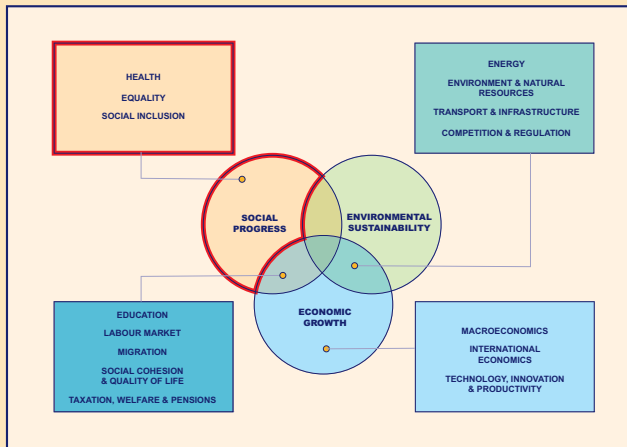
“Economic Policy in the Information Society: Can We Control the Bits?”, Professor Gunther Maier (University of Economics and Business Administration, Vienna).

“Knowledge-intensive Clusters, Regional Innovation Systems and New Policy Approaches”, Michaela Trippl (University of Economics and Business Administration, Vienna).

“Knowledge and Productivity Growth in Europe”, Mary O’Mahony (University of Birmingham).

“Scientist Entrepreneurship”, David Audretsch (Indiana University).

# Social Progress



There are three programmes of research under Social Progress:

- **Equality**  
(coordinated by Dr Helen Russell and Dr Frances McGinnity);
- **Social Inclusion**  
(coordinated by Professor Christopher T. Whelan); and
- **Health**  
(coordinated by Professors Richard Layte and Professor Miriam Wiley).

## EQUALITY

ESRI research on Equality investigates inequalities in opportunities and in outcomes, exploring the processes that lead to inequality. The research has a strong policy focus, assessing the role of public policies in underpinning or reducing inequalities.

The main body of research in this area is carried out as part of the *Research Programme on Equality and Discrimination*, funded by the **Equality Authority**. This programme seeks to investigate the social situation of groups covered by the nine grounds of the Equality Legislation (gender; marital status; family status; sexual orientation; religion; age; disability; ethnicity and membership of the Traveller community), and establish the extent of discrimination experienced by these groups. Three studies were published jointly by the ESRI and the Equality Authority during 2008: *The Experience of Discrimination in Ireland*; *Gender Inequalities in Time Use* and *The Experiences of Ethnic Minorities and Immigrants in the Irish Labour Market*. The three studies highlight both emergent and long-standing challenges to achieving equality

of opportunity in Ireland. The research shows that changes in Irish society have led to new inequalities, for example, among immigrants and minority ethnic groups but these co-exist beside 'old risks' such as disability, age and gender. The time-use study further demonstrates the ongoing importance of gender in structuring the daily lives of men and women and in shaping the choices available to them.

Three further studies – discrimination in recruitment, the gender pay gap in Ireland, and changing female participation in the Irish labour market – were completed during 2008 and will be published in 2009. A final project on multiple inequalities drawing on data from the *2006 Census of Population* was initiated at the end of 2008.

A study of pregnancy related discrimination in the workplace was commissioned by the Crisis Pregnancy Agency at the end of 2008. The project will be carried out during 2009.

## EQUALITY (continued)

**Programme Coordinators:** Helen Russell and Frances McGinnity

Other members of staff whose work has an equality dimension include: Philip O’Connell, Emma Quinn, Seamus McGuinness, Elish Kelly, Tim Callan, Claire Keane, Corona Joyce, Pete Lunn, Dorothy Watson, Richard Layte, Chris Whelan, Bertrand Maître, Emer Smyth, Selina McCoy, Merike Darmody, Delma Byrne and Anne Nolan.

Project Title	Client/Funding Agency	Status	Researchers
Consultancy on Survey of Attitudes Towards Domestic Abuse in Ireland	Cosc (The National Office for the Prevention of Domestic, Sexual and Gender-based Violence, Department of Justice, Equality and Law Reform)	Completed	D. Watson J. Horgan (Cosc)
Research Programme on Equality and Discrimination (i) Experience of Discrimination in Ireland: Analysis of QNHS Equality Module (ii) Inequalities in Time-Use: Gender and Caring (iii) Ethnic Minorities and Immigrants in the Workplace (iv) The Gender Pay Gap: Examining the Latest Evidence on Gender Pay Differentials in Ireland (v) Discrimination in Recruitment: A field experiment approach (vi) Labour Market Equality: Female Participation in the Paid Labour Market (vii) Multiple Inequalities: An Analysis of Census 2006 Data	The Equality Authority	In progress	H. Russell F. McGinnity T. Callan E. Calvert C. Keane E. Kelly P. Lunn S. McGuinness R. King O’Riain (NUIM) J. Nelson P.J. O’Connell E. Quinn D. Watson
Survey Consultancy on TILDA Study Pilot	TILDA (TCD)	Completed	D. Watson
Women’s Experiences of Pregnancy at Work with a View to Assessing Levels of Pregnancy Related Discrimination in Ireland - Stage 1	Crisis Pregnancy Agency	In progress	H. Russell D. Watson J. Banks Partner – Amarach Research

### EQUALITY (continued)

#### Journal Articles and Chapters in Books

“Field of Study and Gender Segregation in European Labour Markets”, *International Journal of Comparative Sociology*, Vol. 49, No. 4-5, pp. 257-281, **Emer Smyth**, Stephanie Steinmetz.

“‘Man Enough to do it?’ Girls and Non-traditional Subjects in Lower Secondary Education”, *Gender and Education*, 2008, published online, **Emer Smyth**, **Merike Darmody**.

“Mapping Gender and Social Background Differences in Education and Youth Transitions Across Europe”, *Journal of Youth Studies*, Vol. 11, Issue 2, April 2008, Cristina Iannelli, **Emer Smyth**.

#### Reports & Other Publications

*Gender Inequalities in Time Use: The Distribution of Caring, Housework and Employment Among Women and Men in Ireland*, Books and Monographs published by Other Agencies No. 113, **Frances McGinnity**, **Helen Russell**.

*The Experience of Discrimination in Ireland: Analysis of the QNHS Equality Module*, Books and Monographs published by Other Agencies No. 120, **Helen Russell**, **Emma Quinn**, Rebecca King-O’Riain, **Frances McGinnity**.

#### ESRI Working Papers

WP 235: “Europeanisation of Inequality and European Reference Groups”, **Christopher T. Whelan**, **Bertrand Maitre**.

WP 239: “Yuppie Kvetch? Work-life Conflict and Social Class in Western Europe”, **Frances McGinnity**, **Emma Calvert**.

#### Papers Read to Conferences and Learned Societies

“The Gender Pay Gap in Ireland: Assessing the Role and Impact of Public Policy”, presented at the Irish Economic Association, April and at the Scottish Economic Society, April; **Elish Kelly**, **Seamus McGuinness**, **Philip O’Connell**, **Tim Callan**.

“Work-life Conflict and Social Stratification in Western Europe”, Research Committee 28 on Social Stratification and Mobility, European University Institute, Florence, May, **Frances McGinnity**, **Emma Calvert**.

“Work-life Conflict – Ireland and Europe: Evidence from the European Social Survey”, ESRI Lifecycle Conference, October, **Frances McGinnity**.



Anna Cristina D’Addio (OECD), Tommy Ferrarini (Swedish Institute for Social Research), Helen Russell and Frances McGinnity at the Lifecycle Conference held in October 2008.

### SOCIAL INCLUSION

As part of the programme for research for the **Office for Social Inclusion (OSI)**, throughout 2008 several ESRI staff members were involved in preparing a series of *Social Portraits* on a range of life cycle groups. *Social Portrait of the Working Age Population* was published in 2008. The portraits are designed to be of use to members of the public as well as policymakers.

Under the OSI programme, a project relating to *The Life Cycle Perspective on Social Inclusion* involving an analysis of data from the EU Survey on Income and Living Conditions (EU-SILC) was completed in 2008. It examines issues of social inclusion and poverty in the context of the changing nature of the welfare state and the emergence of new social risks. It implements a life-cycle approach and provides a comprehensive analysis of related issues using EU-SILC. The findings of the project were published in the ESRI Research Series in 2008.

Another key output of the OSI programme was a study examining the options for the future development of the Irish welfare state entitled *Tackling Low Income and Deprivation: Developing Effective Policies*, which was published in the ESRI Research Series in June 2008. The structure of Ireland's welfare state is placed in an international context, and a review of demographic developments and prospects clarifies the nature of future challenges for the system. Policy issues arising for the main "vulnerable groups" identified

in the National Action Plan for Social Inclusion are considered.

Throughout 2008 research relating to social inclusion at the national and European levels, arising from the OSI programme and the ESRI's involvement in the EU EQUALSOC Network of Excellence, was published or accepted for publication in a range of leading international journals.



*A Social Portrait of People of Working Age in Ireland*

## Social Progress

### SOCIAL INCLUSION (continued)

**Programme Coordinator: Christopher T. Whelan**

Other members of staff working in this area include: Richard Layte, Pete Lunn, Bertrand Maître, Helen Russell and Dorothy Watson.

Project Title	Client/Funding Agency	Status	Researchers
Dynamic and Multidimensional Perspectives on Income Poverty and Deprivation	European Commission, DG Research FP6 funded under the EqualSoc Network	In progress	C.T. Whelan B. Maître
Income Distribution (INCDIS)	European Commission, DG Research FP6 funded under the EqualSoc Network	In progress	C.T. Whelan B. Nolan (UCD)
Poverty and Deprivation in Ireland in Comparative Perspective	Office for Social Inclusion	In progress	C.T. Whelan B. Maître
Social Policy and the Life Cycle	Office for Social Inclusion	Completed	C.T. Whelan B. Maître
Social Portraits of Vulnerable Groups	Office for Social Inclusion	In progress	B. Nolan (UCD) C.T. Whelan B. Maître D. Watson H. Russell
Tackling Low Income and Deprivation: Developing Effective Policies	The Department of Social and Family Affairs	Completed	T. Callan B. Nolan (UCD) J.R. Walsh C.T. Whelan B. Maître
Welfare State Institutions and Welfare State Outcomes (TRALEG)	European Commission, DG Research FP6 funded under the EqualSoc Network	Completed	C.T. Whelan B. Maître
Women's Labour Supply and the Distribution of Income (INCDIS)	European Commission, DG Research FP6 funded under the EqualSoc Network	Completed	B. Nolan (UCD) T. Callan

## SOCIAL INCLUSION (continued)

### Journal Articles and Chapters in Books

“Explaining Social Class Inequalities in Smoking: The Role of Education, Self Efficacy and Deprivation”, *European Sociological Review*, 2008, **Richard Layte, Christopher T. Whelan.**

“‘New’ and ‘Old’ Social Risks: Life Cycle and Social Class Perspectives on Social Exclusion in Ireland”, *The Economic and Social Review*, Vol. 39, No. 2, Summer/Autumn 2008, pp. 131-156, **Christopher T. Whelan, Bertrand Maître.**

“Social Class Variation in Risk: a Comparative Analysis of the Dynamics of Economic Vulnerability”, *British Journal of Sociology*, Vol. 59, Issue 4, December 2008, pp. 637-659, **Christopher T. Whelan, Bertrand Maître.**

### Reports and Other Publications

*A Social Portrait of People of Working Age*, Books and Monographs published by Other Agencies No. 109, **Tim Callan**, Tony Fahey, Kieran Coleman, **Bertrand Maître**, Brian Nolan, **Helen Russell**, **Christopher T. Whelan.**

*New Estimates of the Cost of Disability in Ireland Using the Standard of Living Approach*, NUI Galway, Department of Economics Working Paper No.134, Other Publications by External Agencies No. 70, John Cullinan, Brenda Gannon, **Seán Lyons.**

*Quality of Life in Ireland: Social Impact of Economic Boom*, Books and Monographs published by Other Agencies No. 123, Tony Fahey, **Helen Russell**, **Christopher T. Whelan.**

*Tackling Low Income and Deprivation: Developing Effective Policies*, ESRI Research Series No. 1, **Tim Callan**, Brian Nolan, **John R. Walsh**, **Christopher T. Whelan, Bertrand Maître.**

*The Life Cycle Perspective on Social Inclusion in Ireland: An Analysis of EU-SILC*, ESRI Research Series No. 3, **Christopher T. Whelan, Bertrand Maître.**

### ESRI Working Papers

WP 226: “‘New’ and ‘Old’ Social Risks: Life Cycle and Social Class Perspectives on Social Exclusion in Ireland”, **Christopher T. Whelan, Bertrand Maître.**

WP 249: “Measuring Material Deprivation in the Enlarged EU”, **Christopher T. Whelan**, Brian Nolan, **Bertrand Maître.**

WP 265: “Poverty in Ireland in Comparative European Perspective”, **Christopher T. Whelan, Bertrand Maître.**

### Papers Read to Conferences and Learned Societies

“Analysing Education, Poverty and Deprivation with EU Data Sets”, EUROSTAT Workshop on Micro Data Access, *New Developments and A New Way Forward*. Luxembourg, December, **Christopher T. Whelan** and Walter Mueller.

“Designing Primary Schools for the Future”, presentation to the Department of Education and Science (DES) Inspectors’ Conference, January, **Merike Darmody** and **Emer Smyth.**

“Europeanisation of Inequality & European Reference Groups”, presented at the EQUALSOC Annual Conference, WZB, Berlin, April; at the Centre for Advanced Study in the Social Sciences (CEACS), Juan March Institute, Madrid, October; and at the Institute for Social Change, University of Manchester, November, **Christopher T. Whelan, Bertrand Maître**; and at the International Sociological Association Research Committee on Social Stratification Spring Meeting, European University Institute, Florence, May, **Christopher T. Whelan.**

### SOCIAL INCLUSION (continued)

“Growing Up in Ireland – Lifecycle Approaches”, presented at seminar Lifecycle Approaches to Social Inclusion in Ireland, ESRI/Office of Social Inclusion, October 2008, **Growing Up in Ireland Team.**

“Life Cycle and Social Stratification Perspectives on Social Exclusion in Ireland: An Analysis Using EU-SILC”, European Science Foundation, Quantitative Methods in the Social Sciences Programme, Seminar on Labour Market Changes and Social Exclusion in the Life Course, Oslo, October, **Christopher T. Whelan.**

“Measuring Material Deprivation in the Enlarged European Union”, presented at the International Conference on Survey Methods in Multinational, Multiregional, and Multicultural Contexts (3MC), Berlin-Brandenburg Academy of Sciences and Humanities, June, and at the EQUALSOC/ECSR Graduate Summer School, September, 2008, **Christopher T. Whelan.**

“Multidimensional and Dynamic Perspectives on Poverty and Social Exclusion”, Combat Poverty Agency Seminar, February, **Christopher T. Whelan.**

“Social Exclusion and the Knowledge Economy”, Dublin City University, February, **Christopher T. Whelan.**

“The Life Cycle Perspective on Social Inclusion in Ireland”, Joint ESRI/Office of Social Exclusion Seminar on The Life Cycle Perspective Approach to Social Exclusion in Ireland, October, **Christopher T. Whelan, Bertrand Maître.**

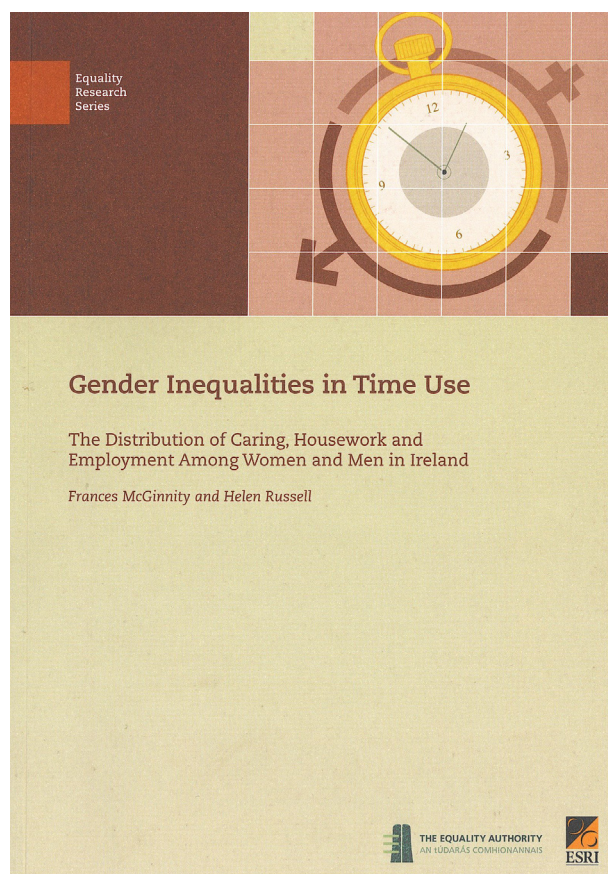
“The Life Cycle Perspective Approach to Social Exclusion In Ireland: An Analysis of EU-SILC”, SPARC, TCD, November, **Christopher T. Whelan.**

“The Dynamics of Economic Vulnerability: A Comparative European Analysis”, MZES University of Mannheim (EQUALSOC), March, **Christopher T. Whelan, Bertrand Maître.**

#### ESRI Seminars

“Household Savings and Network Effects: Evidence from Vietnam”, Carol Newman (Trinity College Dublin).

“The Life Cycle Perspective on Social Inclusion In Ireland: An Analysis of EU-SILC”, **Christopher T. Whelan.**



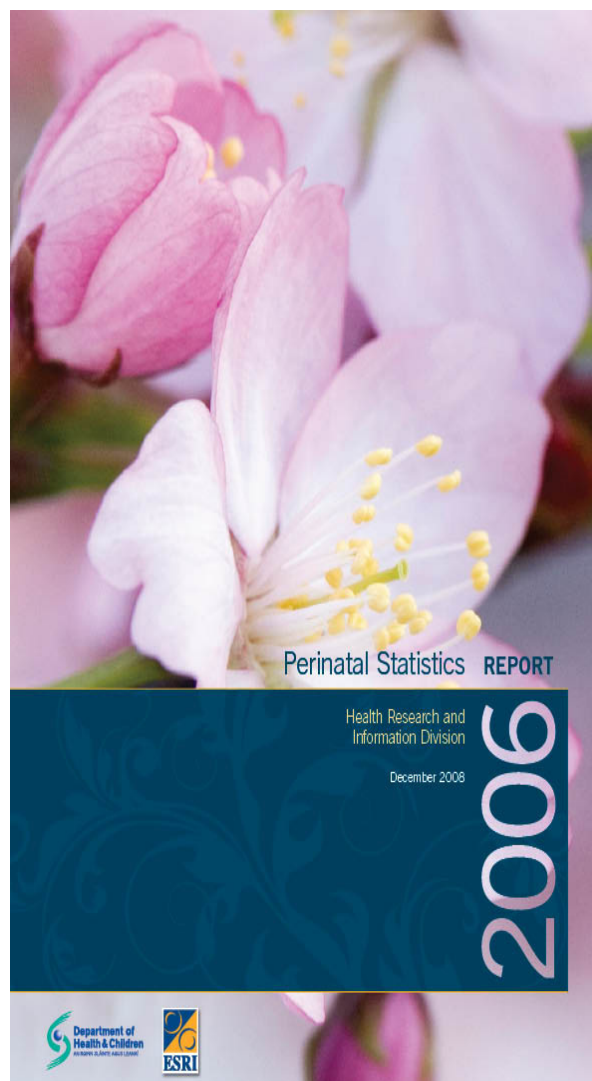
*Gender Inequalities in Time Use*: Frances McGinnity and Helen Russell, ESRI for The Equality Authority



### HEALTH

Following 18 months of intensive development, piloting, fieldwork and analysis, the first report from the Irish National Health and Lifestyle Survey (Slán) was published in April 2008. This received a great deal of coverage in the media and provided important data on the health and lifestyles of Irish people. The Slán data are now the subject of a programme of research at the ESRI on a range of issues including the health of migrants in Ireland relative to the native population and the impact of mental health on smoking behaviour. Other work on health and lifestyles was published in 2008, including a paper on the influence of level of education, self-efficacy and material deprivation on smoking behaviour. Work continued on a major project, funded by the **Health Research Board** and the **Health Services Executive**, projecting the demographic structure in Ireland to 2021, so as to assess the impact of demographic change on the demand for and delivery of health care in Ireland to 2021. The outcome of the project will be published in 2009.

Primary care services in Ireland continued to be an important aspect of ESRI work in health in 2008. Research comparing the cost effectiveness of post-acute care for older people provided in community hospitals with general hospital care was published in 2008, together with a series of papers that analysed the impact of medical card status, income and health need on frequency of GP visiting. A further paper explored the impact which the extension of medical card eligibility to over 70s had on GP visitation.



## Social Progress

### HEALTH (continued)

#### Programme Coordinators: Richard Layte and Miriam Wiley

Other members of staff who work in this area include: Sheelagh Bonham, Aoife Brick, Barbara Clyne, Patricia Holmes, Cathal McCrory, Aisling Mulligan, Aisling Murray, Anne Nolan, Sinead O'Hara, Jacqueline O'Reilly, Maeve Thornton, Amanda Quail.

Project Title	Client/Funding Agency	Status	Researchers
Development of National Coding Standards within the Czech DRG system	European Commission	Completed	Brian McCarthy Jacqui Curley Marie Glynn Deirdre Murphy
EURO-PERISTAT Project	European Commission	In progress	S. Bonham
National Audit of Stroke Care (NASC)	The Irish Heart Foundation, in association with the Department of Health and Children	In progress	H. McGee (RCSI) D. O'Neill (TCD) F. Horgan (RCSI) A. Hickey (RCSI) S. Murphy (MRHM) S. Cowman (RCSI) E. Shelley (DOHC, RCSI) D. Whitford (RCSI) M.M. Wiley
The Impact of Demographic Change on Demand for and Delivery of Health Services	Health Research Board	In progress	A. Brick R. Layte M. Wiley J. O'Reilly E. Morgenroth C. Normand (TCD) S. Thomas (TCD) K. Bennett (TCD) M. Wren

## HEALTH (continued)

### Major National Health Data Programmes

Project Title	Client/Funding Agency	Status	Researchers
Hospital In-Patient Enquiry (HIPE)	Health Services Executive	In progress	M. M. Wiley A. Brick J. Curley P. Dunne T. Dymott M. Glynn P. Holmes J. Hunter R. Joyce S. Kenny B. McCarthy S. McDermott M. McKenna A. Mulligan D. Murphy S. O'Hara J. O'Reilly E. White
National Perinatal Reporting Scheme (NPRS)	Health Services Executive	In progress	S. Bonham B. Clyne C. Glennon I. Nowacka

#### Journal Articles and Chapters in Books

"A New deal for Primary Care for the Irish People", *Health Manager*, Aug/Sep, 2008, pp. 17-18, Stephen Thomas, Charles Normand, **Samantha Smith**, T. O'Dowd.

"Eligibility for Free GP Care, Need and GP Visiting in Ireland", *European Journal of Health Economics*, Vol. 9, No. 2, April 2008, **Anne Nolan**, Brian Nolan.

"Evaluating the Impact of Eligibility for Free Care on the Use of General Practitioner (GP) Services: A Difference-in-Difference Matching Approach", *Social Science & Medicine*, Vol. 67, Issue 7, October 2008, pp. 1164-1172, **Anne Nolan**.

"Health: Funding, Access and Efficiency", J. W. O'Hagan and C. Newman (eds.), *The Economy of Ireland*, **Anne Nolan**.

"Post-acute Care for Older People in Community Hospitals: a Cost-effectiveness Analysis within a Multi-centre Randomised Controlled Trial", *Age and Ageing*, 2008, **Jacqueline O'Reilly**, Karin Lowson, John Green, John B. Young, Anne Forster.

"The Extent and Nature of Family Alcohol and Drug Use; Findings from the Belfast Youth Development Study", *Child Abuse Review*, Vol. 17, No. 6, November/December 2008, pp. 371-386, Andrew Percy, **Maeve Thornton**, Patrick McCrystal.

### HEALTH (continued)

“The Impact of Income on Private Patients’ Access to GP Services in Ireland”, *Journal of Health Services Research Policy*, Vol. 13, No. 4, October 2008, pp. 222-226, **Anne Nolan**.

#### Reports and Other Publications

*Activity in Acute Public Hospitals in Ireland, 2006 Annual Report*, ESRI Survey and Statistical Report Series No. 008, Health Research and Information Division.

*Activity in Acute Public Hospitals in Ireland, 2005 Annual Report*, ESRI Survey and Statistical Report Series No. 7, Health Research and Information Division.

*New Estimates of the Cost of Disability in Ireland Using the Standard of Living Approach*, NUI Galway, Department of Economics Working Paper No.134, Other Publications by External Agencies No. 70, John Cullinan, Brenda Gannon, **Seán Lyons**.

*Perinatal Statistics Report 2006*, ESRI Survey and Statistical Report Series No. 9, Health Research and Information Division.

*Perinatal Statistics Report 2005*, ESRI Survey and Statistical Report Series No. 006, Health Research and Information Division.

*Scoping Study for Knowledge, Attitudes and Behaviours Survey Towards Relationships, Sexual and Reproductive Health Among Young People In Ireland*, Books and Monographs published by Other Agencies No. 121, **Richard Layte, James Williams, Amanda Quail**, Hannah McGee.

*SLÁN 2007: Survey of Lifestyle, Attitudes & Nutrition in Ireland - Main Report*, Books and Monographs published by Other Agencies No. 116, Karen Morgan, Hannah McGee, **Dorothy Watson**, Ivan Perry, Margaret Barry, Emer Shelley, Janas Harrington, Michal Molcho, **Richard Layte**,

Nuala Tully, Eric Van Lente, Mark Ward, Jennifer Lutomski, Ronan Conroy, Ruairi Brugha.

*SLÁN 2007: Survey of Lifestyle, Attitudes and Nutrition in Ireland. Dietary Habits of the Irish Population*, Books and Monographs published by Other Agencies No. 125, Janas Harrington, Ivan Perry, Jennifer Lutomski, Karen Morgan, Hannah McGee, Emer Shelley, **Dorothy Watson**, Margaret Barry.

*The Irish Study of Sexual Health and Relationships: Sub Report 1 - Learning About Sex and First Sexual Experiences*, Books and Monographs published by Other Agencies No. 112, Kay Rundle, **Richard Layte**, Hannah McGee.

*The Irish Study of Sexual Health and Relationships: Sub Report 2 - Sexual Health Challenges and Related Service Provision*, Books and Monographs published by Other Agencies No. 114, Hannah McGee, Kay Rundle, Claire Donnelly, **Richard Layte**.

*The Irish Study of Sexual Health and Relationships: Sub Report 3 - Sexual Knowledge, Attitudes and Behaviours - A Further Analysis*, Books and Monographs published by Other Agencies No. 115, Grainne Cousins, **Richard Layte**, Hannah McGee.

#### ESRI Working Papers

WP 230: “Estimating the Economic Cost of Disability in Ireland”, John Cullinan, Brenda Gannon, **Seán Lyons**.

WP 237: “How Local is Hospital Treatment? An Exploratory Analysis of Public/Private Variation in Location of Treatment in Irish Acute Public Hospitals”, **Jacqueline O’Reilly, Miriam M. Wiley**.

## HEALTH (continued)

### Papers Read to Conferences and Learned Societies

“AR DRGs – A Companion to Data Quality”, presented at the Patient Classification Systems International (PCSI) Conference, October, **Jacqui Curley**.

“Biosampling in Longitudinal Child Cohort Studies”, June, Terry Dwyer, Asim Sheik, Philip Mayne, **James Williams**, Tom O’Dowd, Sheila Greene.

“Casemix Ireland Website”, presentation to the National Casemix Conference, April, **Philip Dunne, Brian McCarthy**.

“Development of Case Mix Systems Internationally”, presented at the Patient Classification Systems International (PCSI) Summer School, Avignon, France, June, **Miriam Wiley**.

“Evaluating the Impact of Eligibility for Free Care on the Use of GP Services: A Difference-in-Difference Matching Approach”, at the Irish Economics Association Annual Conference, April, and the 7th European Conference on Health Economics, Rome, July, **Anne Nolan**.

“Future Developments of Data Collection Systems for Hospital Activity”, presented at Health Informatics Society of Ireland (HISI) Annual Conference, **Miriam Wiley, Brian McCarthy**.

“Health Care in Ireland: What? How?”, presentation to Winona State University, ESRI, July, **Jacqueline O’Reilly**.

“Social Survey Evidence on Smoking”, presentation to the Irish Cancer Society, in collaboration with Action on Smoking for Health (ASH), October, **Richard Layte**.

### ESRI Seminars

“Hyperbolic Discounting in Money and Health: Evidence from an ERP Study”, Liam Delaney

(Geary Institute, University College Dublin).

“Intergenerational Transmission and Healthy Eating Behaviour”, Dr Kostas Mavromaras (Melbourne Institute of Applied Economic and Social Research).

“Marital Partner and Mortality: the Effects of the Social Positions of Both Spouses”, Robert Erikson (Swedish Institute for Social Research, Stockholm).

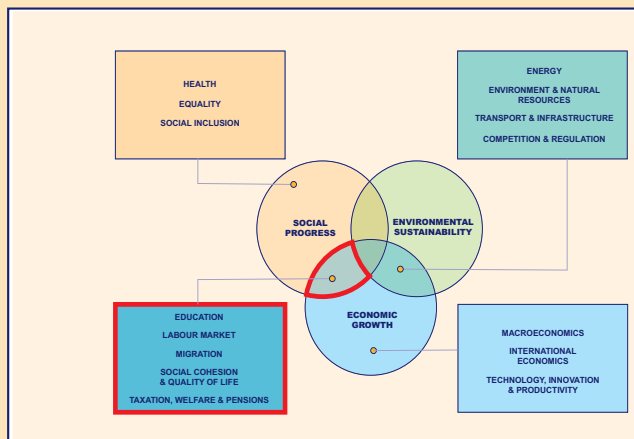
“Microcosting Approaches to Valuing Neonatal Intensive Health Care”, Stephen Kinsella (University of Limerick).

“Part-time Work and Health Among Older Workers in Ireland and Britain”, Brenda Gannon and Jennifer Roberts (NUI Galway).

“Policy and Practice Issues for End-of-Life Care for Older People in Ireland”, Eamon O’Shea (NUI Galway).

“Work Stress and Health: Current Research and Policy Implications”, Tarani Chandola (University College London).

# Economic Growth and Social Progress



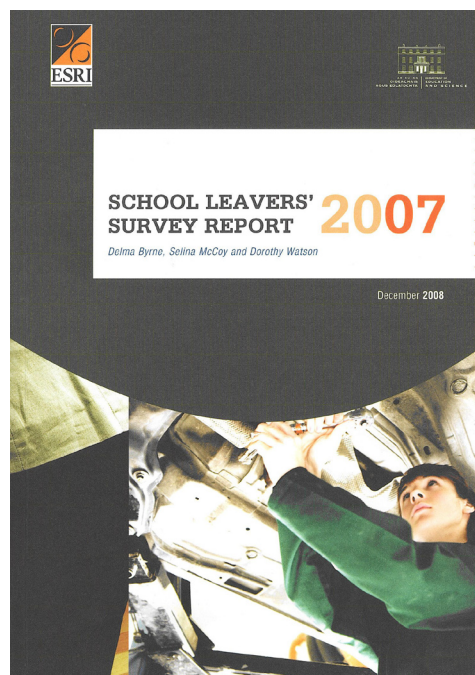
Given the integrated approach to economic and social policy in Ireland and the growing awareness of their interrelatedness in the EU, it is not surprising that quite a large amount of ESRI research takes place in the interface between these two domains. Five research programme areas fall under this category of research:

- **Education**  
(coordinated by Professor Emer Smyth);
- **Labour Market**  
(coordinated by Professor Philip J. O'Connell);
- **Migration**  
(coordinated by Professor Alan Barrett);
- **Social Cohesion and Quality of Life**  
(coordinated by Dr Helen Russell); and
- **Taxation, Welfare and Pensions**  
(coordinated by Professor Tim Callan).

## EDUCATION

ESRI's longitudinal study of second-level students, funded by the **National Council for Curriculum and Assessment (NCCA)** and **Department of Education and Science (DES)** continued throughout 2008. This study is the first of its kind in Ireland and explores student experiences as they move through the schooling system. During 2008, analyses were carried out on the experiences of fifth and sixth year students. Two supplementary projects, looking at parental perceptions of the schooling system and early school leaving among the student cohort, were also conducted.

During 2008, work was carried out on three major projects funded by the **Department of Education and Science (DES)**. The first was a large-scale study of newcomer (immigrant) students in primary and post-primary schools, a study designed to contribute to policy development in the area of



## EDUCATION (continued)

provision for diversity within schools. The second DES-funded study has explored the suitability of current school design for teaching and learning. Third, analyses were carried out for the DES on the 2007 National Survey of School Leavers, which provides invaluable information on young people's pathways into further education and the labour market.

A large-scale study funded by the **Higher Education Authority** (HEA) explored the reasons for low participation in higher education among the children of non-manual workers. This study is designed to contribute to informing policy in relation to increasing equity in educational participation. The HEA also funded a study of the costs of participating in higher education for previously under-represented groups, which contributes to some of the current debates on the funding of higher education.

At the beginning of 2008, members of the education team took on the co-ordination of a large-scale **European FP7**-funded project on the relationship between religion and schooling. The study explores the transmission of religious and secular beliefs and values through the education system and the family and is part of a collaborative project involving institutions in Belgium (Flanders), Germany, Malta, Scotland and Italy. In addition, members of the education team were active in the **EU-funded EQUALSOC** network, with their involvement yielding published papers on the impact of field of study on gender segregation in the labour market and on students' workload.

During 2008 research on topics including transitions within and beyond the school system; truancy; private tuition ('grinds'); part-time employment among third-level students; youth unemployment and the returns to education was published in a range of international journals.

### Programme Coordinator: Emer Smyth

Other members of staff who work in this area include: Selina McCoy, Merike Darmody, Delma Byrne, Emma Calvert, Philip O'Connell, Seamus McGuinness, Elish Kelly and Joanne Banks.

Project Title	Client/Funding Agency	Status	Researchers
Educational Fields of Study and European Labour Markets (EDUC)	European Commission, DG Research FP6 funded under the EqualSoc Network	Completed	E. Smyth M. Darmody
Evaluation of the International Standard Classification of Education (ISCED 1997) for Comparative Research (EDUC)	European Commission, DG Research FP6 funded under the EqualSoc Network	In progress	E. Smyth
Follow-up Study of Early School Leavers	National Council for Curriculum and Assessment	In progress	E. Smyth D. Byrne

## Economic Growth and Social Progress

### EDUCATION (continued)

Project Title	Client/Funding Agency	Status	Researchers
Integration of Newcomer Students in First and Second-Level Schools	Department of Education and Science	In progress	E. Smyth F. McGinnity M. Darmody D. Byrne
OECD Consultancy	Department of Education and Science	Completed	P.J. O'Connell
Post-Primary Longitudinal Study: (i) The Transition to Senior Cycle (ii) A Study of Leaving Certificate Students	National Council for Curriculum and Assessment	Completed	E. Smyth S. McCoy M. Darmody E. Calvert
Religious Education in a Multi-Cultural Society: School and Home in Comparative Context (REMC)	European Commission, DG Research, FP7	In progress	E. Smyth M. Darmody
Research on Participation in and Progression from the Leaving Certificate Applied	National Council for Curriculum and Assessment	In progress	J. Banks S. McCoy D. Byrne E. Smyth
Research Study on Reasons for Low Participation in Higher Education by the Non-manual Socio-economic Group	Higher Education Authority	In progress	S. McCoy E. Kelly P. J. O'Connell C. Doherty
School Leavers' Survey 2007	Department of Education and Science	Completed	S. McCoy D. Byrne E. Kelly D. Watson
Study of Parental Perceptions	National Council for Curriculum and Assessment	In progress	E. Smyth D. Byrne



## EDUCATION (continued)

Project Title	Client/Funding Agency	Status	Researchers
Study to Establish the Costs of Participating in Higher Education for Students from Diverse Backgrounds	Higher Education Authority	In progress	S. McCoy E. Calvert E. Smyth M. Darmody
The School of the Future	Department of Education and Science	In progress	E. Smyth M. Darmody C. Doherty
The Training Gap in Lifelong Learning (EMPLOY-EDUC)	European Commission, DG Research FP6 funded under the EqualSoc Network	In progress	P. J. O'Connell D. Byrne M. Darmody S. McCoy

### Journal Articles and Chapters in Books

Acting Up or Opting Out? Truancy in Irish Secondary Schools”, *Educational Review*, Vol. 60, No. 4, November 2008, pp. 359-373, **Merike Darmody, Emer Smyth, Selina McCoy**.

“BERA Review 2006: Education Research and Policy”, *Research Papers in Education*, Vol. 23, No. 4, pp. 377-405, **Delma Byrne**, Jenny Ozga.

“Buying Your Way into College? Private Tuition and the Transition to Higher Education in Ireland”, *Oxford Review of Education*, Vol. 35, No. 1, 2009, pp. 1-22, **Emer Smyth**.

“Field of Study and Gender Segregation in European Labour Markets”, *International Journal of Comparative Sociology*, Vol. 49, No. 4-5, pp. 257-281, **Emer Smyth**, Stephanie Steinmetz.

“Field of Study and Students’ Workload in Higher Education: Ireland and Austria in Comparative Perspective”, *International Journal of Comparative Sociology*, 2008, Vol. 49, No. 4-5, pp. 329-346, **Merike Darmody, Emer Smyth**, Martin Unger.

“Full-time Students? Term-time Employment

Among Higher Education Students in Ireland”, *Journal of Education and Work*, Vol. 21, No. 4, September 2008, pp. 349-362, **Merike Darmody, Emer Smyth**.

“Just a Phase? Youth Unemployment in the Republic of Ireland”, *Journal of Youth Studies*, Vol. 11, No. 3, June 2008, **Emer Smyth**.

“‘Man Enough to do it?’ Girls and Non-traditional Subjects in Lower Secondary Education”, *Gender and Education*, 2008, published online, **Emer Smyth, Merike Darmody**.

“Mapping Barriers to Successful School Transitions in Comparative Perspective: Irish and Estonian Experiences”, *TRAMES*, Vol. 12, No. 1, March 2008, **Merike Darmody**.

“Mapping Gender and Social Background Differences in Education and Youth Transitions Across Europe”, *Journal of Youth Studies*, Vol. 11, Issue 2, April 2008, Cristina Iannelli, **Emer Smyth**.

“Short-run Distributional Effects of Public Education Transfers to Tertiary Education Students in Seven European Countries”, *Education Economics*,

## EDUCATION (continued)

Vol. 16, No. 3, September 2008, **Tim Callan**, Tim Smeeding, Panos Tsakloglou.

“The Irish Educational System: A Note on Classification”, S. L. Schneider (ed.), *The International Standard Classification of Education (ISCED-97): An Evaluation of Content and Criterion Validity for 15 European Countries*, **Emer Smyth**.

“The More, The Better? Intensity of Involvement in Private Tuition and Examination Performance”, *Educational Research and Evaluation*, Vol. 14, No. 5, pp. 465-476, **Emer Smyth**.

“Transition to Upper Secondary School? An Estonian Experience”, *Journal of Baltic Studies*, Vol. 39, No. 2, 2008, **Merike Darmody**.

### Reports and Other Publications

*Short-Run Distributional Effects of Public Education Transfers to Tertiary Education Students in Seven European Countries*, IZA Discussion Paper No. 3557, Other Publications by External Agencies No. 69, **Tim Callan**, Tim Smeeding, Panos Tsakloglou.

### ESRI Working Papers

WP 227: “Changing Returns to Education During a Boom? The Case of Ireland”, **Seamus McGuinness, Frances McGinnity, Philip J. O’Connell**.

WP 242: “The Economic Returns to Field of Study and Competencies Among Higher Education Graduates in Ireland”, **Elish Kelly, Philip J. O’Connell, Emer Smyth**.

WP 258: “Are Over-educated People Insiders or Outsiders? A Case of Job Search Methods and Over-education in UK”, Aleksander Kucel, **Delma Byrne**.

### Papers Read to Conferences and Learned Societies

“Costs of Participating in Higher Education”, Higher Education Authority, September, **Selina McCoy, Emma Calvert, Emer Smyth**.

“Developments in Secondary Education in Ireland: Diversity, Choice and Student Pathways”, Robertson Memorial Lecture, University of Edinburgh, February, **Emer Smyth**.

“Gearing Up for the Exams: a Longitudinal Study of Teaching and Learning in Post-Primary Education”, American Educational Research Association Annual Conference, March, **Emer Smyth, Selina McCoy**.

“Higher Education Policy in Ireland: Evolving Influences from Without and Within”, IQUB/IUA Conference on Opportunities and Challenges in Developing for 4th Level in Education in Ireland, October, **Frances Ruane**.

“Key Influences on Academic Performance within Lower Secondary Education”, American Educational Research Association Annual Conference, March, **Emer Smyth**.

“Managing Diversity in Schools”, presented at the Educational Studies Association of Ireland (ESAI) Annual Conference, March; and at the International Education Conference, Paris, June, **Merike Darmody, Frances McGinnity, Emer Smyth**.

“Moving through the Junior Cycle: Findings from the ESRI Longitudinal Study”, National Educational Psychological Service (NEPS) Annual Conference, December, **Emer Smyth**.

“Parental Power? Investigating Parental Knowledge of Curriculum Differentiation in the Republic of Ireland”, American Educational Research Association (AERA) Annual Conference, March, **Delma Byrne, Emer Smyth**.

## EDUCATION (continued)

“Participation In and Outcomes of Early Work Experiences: The Case of Work Experience Acquired before Leaving School”, Combat Poverty Agency, Dublin, September, **Delma Byrne**.

“School Choice and Social Differentiation”, Educational Studies Association of Ireland (ESAI) Annual Conference, March, **Delma Byrne, Emer Smyth**.

“The Economic Returns to Field of Study and Competencies Among Higher Education Graduates in Ireland”, presented at the International Conference on Educational Economics, Athens, August; and at Future Demand for Educated Labor Conference, Centre for Economic and Business Research (CEBR), Copenhagen, Denmark, December, **Elish Kelly**; and at the Irish Economic Association Annual Conference, Westport, April, **Elish Kelly, Philip O’Connell, Emer Smyth**.

“The Experiences of Junior Certificate Students”, CERC (Consortium for Educational Research in the Colleges of Education), November, **Emer Smyth**.

“The Experiences of Students in Junior Cycle”, University of Limerick, School of Education, April, **Emer Smyth**.

“The Impact of High-stakes Testing on Teaching and Learning”, American Educational Research Association Annual Conference, March, **Emer Smyth**.

“The Integration of Newcomer Students into Primary and Second-level Schools”, Conference on Intercultural Education, Department of Education and Science, October, **Delma Byrne, Merike Darmody, Frances McGinnity, Emer Smyth**.

“The Interplay Between Family and School in School Attendance”, American Educational Research Association Annual Conference, March, **Selina McCoy, Merike Darmody**.

“The Leaving Certificate Applied: Preliminary Findings”, NCCA, February, May, December, **Joanne Banks, Delma Byrne, Selina McCoy, Emer Smyth**.

“The Problem with Developing Educational Tracks from Youth Employment Initiatives: The Effects of Tracking on Employment Outcomes among Irish Youth”, American Educational Research Association Annual Conference, March, **Delma Byrne**.

“Towards Creating a Research Agenda on Higher Education in Ireland”, Swan Conference – Ireland’s Knowledge Economy in the 21st Century: Educational Perspectives, October, **Frances Ruane**.

### ESRI Seminars

“Education Policy under the Scottish Parliament”, David Raffe (University of Edinburgh).

“Too Young to Leave the Nest? The Effects of School Starting Age”, Paul J. Devereux (University College Dublin).

## LABOUR MARKET



Development of the Institute's programme of research on the labour market progressed in 2008. A series of papers on the returns to education in Ireland and elsewhere were published in international journals.

Direct access to the micro-data from the large-scale *National Employment Surveys* has made possible a wide range of work on a range of topics, including the gender wage gap, on behalf of the **Equality Authority**, as well as new analyses of the impact of labour market institutions on earnings, and the public-private sector wage gap. The latter paper showed that the public-sector wage premium increased markedly between the two waves of the National Employment Survey collected in 2003 and 2006 and suggested that this resulted from central wage setting institutions under Social Partnership as well as the Benchmarking process. Journal articles and book chapters were also published on the labour market returns to education and on the determinants of work-related training among employees.

Work continued in the National Pilot Profiling of the Unemployed project, carried out in partnership with the **Department of Social and Family Affairs**. This large-scale national experiment, involving over 45,000 unemployed claimants, will help identify those unemployed people most likely to experience difficulty gaining employment and at greatest risk of entering long-term unemployment. This project is particularly relevant at a time of deteriorating labour market conditions. In 2008, ESRI researchers began a follow-on project that involves combining the profiling data with administrative records of the National Employment Action Programme to evaluate the impact of the range of activation measures currently implemented to assist unemployed individuals re-enter the workforce. These research projects offer policymakers essential information to inform the allocation and targeting of effective and appropriate programmes for the unemployed.

## Economic Growth and Social Progress

### LABOUR MARKET (continued)

#### Programme Coordinator: Philip J. O'Connell

Other members of staff who work in this area include: Alan Barrett, Adele Bergin, Delma Byrne, Tim Callan, Emma Calvert, Claire Keane, Elish Kelly, Pete Lunn, Selina McCoy, Frances McGinnity, Seamus McGuinness, and Helen Russell.

Project Title	Client/Funding Agency	Status	Researchers
Atypical Employment and Welfare Regimes (EMPLOY) (Renewal)	European Commission, DG Research FP6 funded under the EqualSoc Network	Completed	R. Layte P. J. O'Connell
Determinants and Consequences of Skill Mismatch and Policy Implications	European Centre for the Development of Vocational Training (Cedefop)	In progress	S. McGuinness P. J. O'Connell P. Sloane (University of Swansea) N. O'Leary (University of Swansea) K. Mavromaras (University of Melbourne)
Evaluating the Impacts of the National Employment Action Plan (NEAP) on the Likelihood of Exiting the Live Register	Department of Social and Family Affairs	In progress	S. McGuinness, P.J. O'Connell, E. Kelly, J. Walsh
FÁS/ESRI Occupational Employment Forecasting	FÁS	In progress	P. Lunn P. J. O'Connell
National Profiling/ Case Management of Customers of the Department of Social and Family Affairs	Department of Social and Family Affairs	In progress	P. J. O'Connell S. McGuinness E. Kelly
The National Workplace Surveys 2008: Survey of Employee Attitudes, Experiences and Expectations of Workplace Change	National Centre for Partnership and Performance (NCP)	In progress	P. J. O'Connell D. Watson H. Russell S. McGuinness D. Byrne Partner – Amárach Research
The National Workplace Surveys 2008: Survey of Employer Attitudes, Experiences and Expectations of Workplace Change	National Centre for Partnership and Performance (NCP)	In progress	P. J. O'Connell D. Watson H. Russell Partner – Amárach Research

## LABOUR MARKET (continued)

### Journals Articles and Chapters in Books

“Full-time Students? Term-time Employment among Higher Education Students in Ireland”, *Journal of Education and Work*, Vol. 21, No. 4, September 2008, pp. 349-362, **Merike Darmody, Emer Smyth**.

“How Reliable is the Quarterly National Household Survey for Migration Research?”, *The Economic and Social Review*, Vol. 39, No. 3, Winter 2008, pp. 191-205, **Alan Barrett, Elish Kelly**.

“Just a Phase? Youth Unemployment in the Republic of Ireland”, *Journal of Youth Studies*, Vol. 11, No. 3, June 2008, **Emer Smyth**.

“Mapping Gender and Social Background Differences in Education and Youth Transitions Across Europe”, *Journal of Youth Studies*, Vol. 11, Issue 2, April 2008, Cristina Iannelli, **Emer Smyth**.

“Service Sector SMEs and Essential Skill Provision in the 16-25 Year Old Labour Market: Evidence from Northern Ireland”, *International Journal of Human Resource Management*, Volume 19, Issue 2, February 2008, **Seamus McGuinness**, Jessica Bennett, Gary McCausland.

“Temporary Jobs in Ireland: Does Class Influence Job Quality”, *The Economic and Social Review*, Vol. 39, No. 2, Summer/Autumn 2008, pp. 81-104, **Richard Layte, Philip J. Connell, Helen Russell**.

“What Do We Know About Training at Work”, K. U. Mayer and H. Solga (eds.), *Skill Formation: Interdisciplinary and Cross-National Perspective*, **Philip J. O’Connell**, Jean Marie Jungblut.

### Reports and Other Publications

*An Assessment of International Trends in Occupational Forecasting and Skills Research: How does Northern Ireland Compare?*, Books and Monographs published by Other Agencies No. 111, **Seamus McGuinness**, Jessica Bennett.

*Annual Policy Report on Migration and Asylum 2007: Ireland*, ESRI Survey and Statistical Report Series No. 005, **Corona Joyce**.

*Immigrants at Work: Ethnicity and Nationality in the Irish Labour Market*, Books and Monographs published by Other Agencies No. 119, **Philip J. O’Connell, Frances McGinnity**.

*Towards a Skills Assessment Framework for Northern Ireland: A Sectoral Performance Approach*, Books and Monographs published by Other Agencies No. 110, **Seamus McGuinness**, Jessica Bennett.

### ESRI Working Papers

WP 236: “The Immigrant Earnings Disadvantage Across the Earnings and Skills Distributions: The Case of Immigrants from the EU’s New Member States in Ireland”, **Alan Barrett, Seamus McGuinness, Martin O’Brien**.

WP 242: “The Economic Returns to Field of Study and Competencies Among Higher Education Graduates in Ireland”, **Elish Kelly, Philip J. O’Connell, Emer Smyth**.

WP 253: “Using a Census to Assess the Reliability of a National Household Survey for Migration Research: The Case of Ireland”, **Alan Barrett, Elish Kelly**.

WP 270: “Benchmarking, Social Partnership and Higher Remuneration: Wage Settling Institutions and the Public-Private Sector Wage Gap in Ireland”, **Elish Kelly, Seamus McGuinness, Philip J. O’Connell**.

WP 271: “Exploring the Economic Geography of Ireland”, **Edgar Morgenroth**.

## LABOUR MARKET (continued)

### Papers Read to Conferences and Learned Societies

“A Public or Private Matter? Sectoral Patterns in Workplace Bullying in Ireland”, EQUALSOC Summer School, Trento, Italy, September, **Emma Calvert**.

“Are Over-educated People Insiders or Outsiders?”, at Conference *Social Stratification and Insiders/ Outsiders: Cross-national Comparisons With and Between Continents*, Research Committee 28 Conference on Social Stratification and Mobility, Florence, May, **Delma Byrne**, A. Kucel.

“Assessing the Incidence and Wage Effects of Over-skilling in the Australian Labour Market”, presented to the International Conference on Educational Economics, August, **Seamus McGuinness**; and to the Scottish Economic Society Conference, April, Kostas Mavromaras, **Seamus McGuinness**, Yin Fok King.

“Changing Returns to Education During a Boom? The Case of Ireland”, presentation to the International Conference on Educational Economics, August, **Seamus McGuinness**, and to the LoWER workshop on Job Insecurity and Training, Berlin School of Economics, March, **Frances McGinnity**.

“Declining Significance of Social Networks Over Time? The Influence of Job Search Strategies on the Short Term Labour Market Outcomes of Irish School Leavers 1983-2003”, European Network on Transitions in Youth Annual Conference, Bamberg, Germany, September, **Delma Byrne**.

“Is Once Not Enough? Methodological Issues in the Measurement of Workplace Bullying”, L’Université du Québec à Montréal (UQAM), Canada, June, **Emma Calvert**, **Philip J. O’Connell**.

“Job Mobility in Ireland”, paper presented at Irish Economic Association Annual Conference, April, **Adele Bergin**.

“Job-related Training Participation among Recent Labour Market Entrants in Ireland”, Equalsoc Workshop, Wissenschaftszentrum, Berlin, April, **Philip J. O’Connell**, **Delma Byrne**.

“Measurement Error in Survey Data: Job Mobility in Ireland”, paper presented to the Department of Economics, Finance and Accounting, NUIM, December, **Adele Bergin**.

“Overskilling, Job Insecurity and Career Mobility: Evidence from Australia”, presented to the Irish Economic Association Annual Conference, **Seamus McGuinness**, Mark Wooden.

“The Causes and Effects of Workplace Training”, EU- LLL2010 Conference Towards a Lifelong Learning Society in Europe: The Contribution of the Education System, Prague, September, **Philip J. O’Connell**, **Delma Byrne**.

“The Determinants and Effects of Training at Work: Bringing the Workplace Back In”, EqualSoc Lifelong Learning Project, Barcelona, October, **Philip J. O’Connell**, **Delma Byrne**.

“The Gender Pay Gap in Ireland: Assessing the Role and Impact of Public Policy”, presented at the Irish Economic Association Annual Conference, Westport, April, and the Scottish Economic Society Conference, Perth, April, **Seamus McGuinness**, **Elish Kelly**, **Philip J. O’Connell**, **Tim Callan**.

“The Problem of Overskilling in Australia and Britain”, presented to the Scottish Economic Society Conference, Perth, April, and the International Conference on Educational Economics, August, Kostas Mavromaras, **Seamus McGuinness**.

## LABOUR MARKET (continued)

“The Training Gap Among New Entrants to the Labour Market in Ireland”, EQUALSOC Midterm Conference, April, **Delma Byrne, Philip J. O’Connell**.

“Understanding Bullying in Irish Workplaces”, L’Université du Québec à Montréal (UQAM), Canada, June, **Emma Calvert**.

“Who You Know or What You Know? Part-time Work at School, Social Networks and the Transition to Employment”, European Network on Transitions in Youth Annual Conference, Bamberg, Germany, September, **Emer Smyth, Selina McCoy**.

“Work-life Conflict and Social Stratification in Western Europe”, Research Committee 28 on Social Stratification and Mobility, European University Institute, Florence, May, **Frances McGinnity, Emma Calvert**.

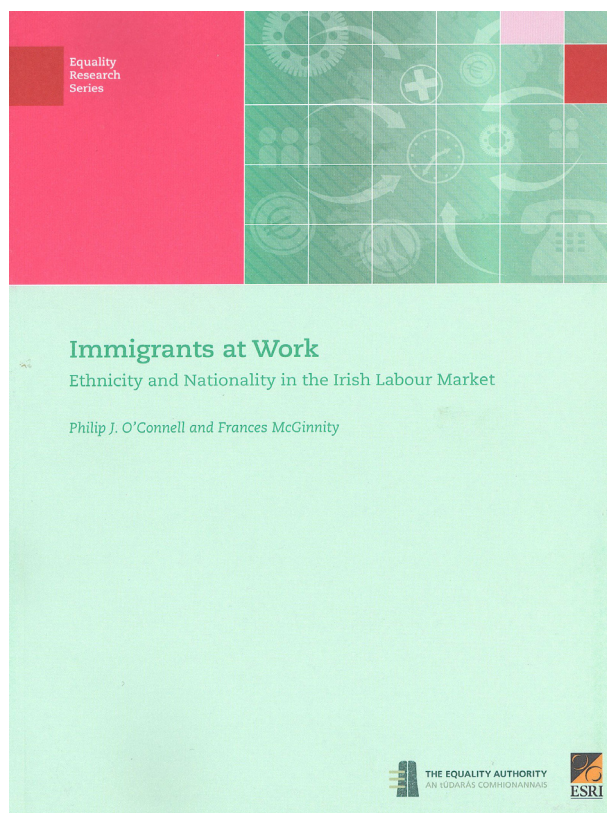
### ESRI Seminars

“Are Good Industrial Relations Good For The Economy?”, John Addison (Queen’s University Management School).

“Do Hiring Subsidies Reduce Unemployment Among the Older Workers? Evidence From Two Natural Experiments”, Bernhard Boockmann (University of Tuebingen).

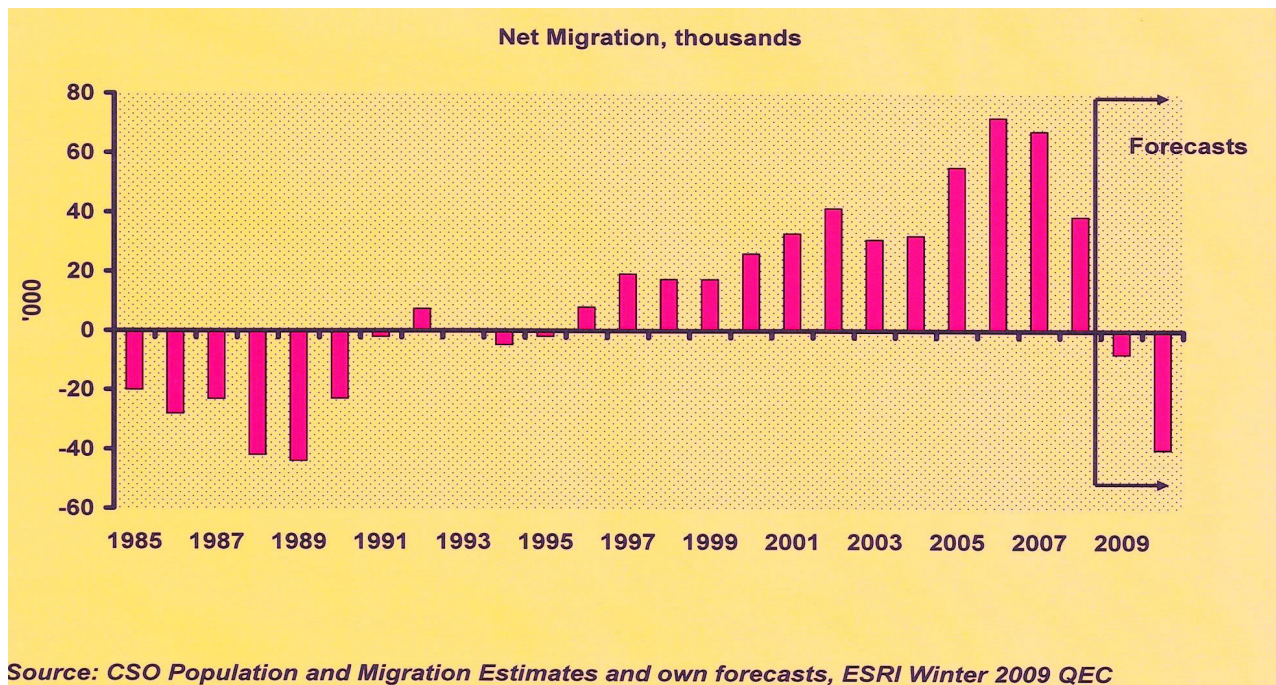
“Patterns of Employment Expansion in Europe 1995-2006”, John Hurley and Enrique Fernández-Macías (European Foundation for the Improvement of Living and Working Conditions).

“Public Sector Pay Gap in France: New Evidence using Panel Data”, Olivier Bargain (University College Dublin).





## MIGRATION



Source: CSO Population and Migration Estimates and own forecasts, ESRI Winter 2009 QEC

Development of the Institute's programme of research on immigration continued in 2008. Papers on the occupational attainment of Ireland's immigrants and on the analysis of welfare use by immigrants in Ireland and the UK were published in international journals. Work began under a project funded by the **Irish Research Council for the Humanities and Social Sciences** for a two-year period titled *Immigrants' Characteristics, Experiences and Impacts*. The first published paper from this project showed how the CSO's Quarterly National Household Survey provides a reliable data source for migration research. A second paper on immigrant earnings has appeared as an ESRI working paper.

During 2008, four published reports were prepared for the **European Commission Directorate General for Justice, Freedom and Security** as part of the activities of the European Migration Network (EMN) Irish National Contact Point. The

EMN was established with a permanent legal base in May 2008. Published reports included commentary on migration and asylum flows into Ireland and policy developments for the years 2004 to 2007. Also in 2008, a major reference report was compiled on immigration in Ireland with a focus on the legal dimensions: *Handbook on Immigration and Asylum in Ireland 2007*.

Under the ESRI's programme of research which is funded by the **Equality Authority**, a report was published on the labour market experience of immigrants in Ireland, with particular reference to ethnicity. This added a further layer to our understanding of the experiences of immigrants in Ireland.

# Economic Growth and Social Progress

## MIGRATION (continued)

### Programme Coordinator: Alan Barrett

Other members of staff who work in this area include: Adele Bergin, David Duffy, Jean Goggin, Corona Joyce, Elish Kelly, Frances McGinnity, Seamus McGuinness, Martin O'Brien, Philip O'Connell, Emma Quinn.

Project Title	Client/Funding Agency	Status	Researchers
Employment Correspondent to the Irish Focal Point of the European Information Network on Racism and Xenophobia	National Consultative Committee on Racism and Interculturalism and RAXEN	Completed	P. J. O'Connell E. Quinn C. Joyce
European Migration Network, 2008	European Commission/ Department of Justice, Equality and Law Reform	Completed	P. J. O'Connell E. Quinn C. Joyce
Immigrants' Characteristics, Experiences and Impacts	IRCHSS	In progress	A. Barrett P. J. O'Connell M. O'Brien E. Kelly J. Goggin
Irish Report to OECD Continuous Reporting System on Migration (SOPEMI)	Department of Justice, Equality and Law Reform	In progress	P.J. O'Connell

### Journal Articles and Chapters in Books

"Are Ireland's Immigrants Integrating into its Labour Market", *International Migration Review*, 2008, Vol. 42, Issue 3, **Alan Barrett, David Duffy**.

"How Reliable is the Quarterly National Household Survey for Migration Research?", *The Economic and Social Review*, Vol. 39, No. 3, Winter 2008, pp191-205, **Alan Barrett, Elish Kelly**.

"Immigrants and Welfare Programmes: Exploring the Interactions between Immigrant Characteristics, Immigrant Welfare Dependence and Welfare Policy", *Oxford Review of Economic Policy*, Vol. 24, No. 3, Autumn 2008, pp. 543-560, **Alan Barrett, Yvonne McCarthy**.

### Reports and Other Publications

*Annual Policy Report on Asylum and Migration Statistics for Ireland (2006)*, ESRI Survey and Statistical Report Series No. 010, **Corona Joyce**.

*Annual Policy Report on Migration and Asylum 2007: Ireland*, ESRI Survey and Statistical Report Series No. 005, **Corona Joyce**.

*Annual Report on Statistics on Migration, Asylum and Return: Ireland 2004*, ESRI Survey and Statistical Report Series No. 004, **Emma Quinn**.

*Annual Report on Statistics on Migration, Asylum and Return: Ireland 2005*, ESRI Survey and Statistical Report Series No. 003, **Corona Joyce**.  
*Handbook on Immigration and Asylum in Ireland 2007*, ESRI Research Series No. 5, **Emma Quinn**,

## MIGRATION (continued)

John Stanley, **Corona Joyce, Philip J. O’Connell.**

*Immigrants at Work: Ethnicity and Nationality in the Irish Labour Market*, Books and Monographs published by Other Agencies No. 119, **Philip J. O’Connell, Frances McGinnity.**

*The Experience of Discrimination in Ireland: Analysis of the QNHS Equality Module*, Books and Monographs published by Other Agencies No. 120, **Helen Russell, Emma Quinn, Rebecca King-O’Riain, Frances McGinnity.**

### ESRI Working Papers

WP 236: “The Immigrant Earnings Disadvantage Across the Earnings and Skills Distributions: The Case of Immigrants from the EU’s New Member States in Ireland”, **Alan Barrett, Seamus McGuinness, Martin O’Brien.**

WP 253: “Using a Census to Assess the Reliability of a National Household Survey for Migration Research: The Case of Ireland”, **Alan Barrett, Elish Kelly.**

### Papers Read to Conferences and Learned Societies

“Are Ireland’s Immigrants Integrating into Its Labour Market”, presented at the *Conference on International Migration: Challenges and Trends*, OECD and CEPIL, Paris, October, **Alan Barrett.**

“Estimating the Impact of Immigration in Ireland”, Workshop: *Labour Market Impacts of Immigration – Who Are the Winners and Who Stand to Lose?* Institute for Social Research, Oslo, May. **Alan Barrett, Adele Bergin.**

“Future Projections of the Number of Migrant Workers in the Health and Social Care Sectors”, Irish Centre for Social Gerontology, NUIG, September, **Alan Barrett.**

“Immigrants and Welfare Participation”, Oxford Review of Economic Policy, April, **Alan Barrett, Yvonne McCarthy.**

“Increasing Diversity: Migration and the Labour Market in Ireland”, Diversity Conference, Public Appointments Service, Dublin, September, **Philip J. O’Connell.**

“Ireland’s Approach to Managing Migration”, presented at a conference *Managing Migration and Its Impacts*, Institute for Employment Studies, London, November, **Alan Barrett.**

“Migration and the Labour Market in Ireland”, European Policy Centre, Brussels, April, and Croatian Chamber of Economy, Zagreb, June, **Philip J. O’Connell.**

“Some Further Results on the Impact of Migrants on Trade”, presented at the DYNREG project meeting, Bocconi University, Milan, January, **Edgar Morgenroth.**

“The Impact of EU Enlargement on the Irish Labour Market”, presented at a conference on EU Enlargement and EU Labour Markets, IZA, Bonn, October, **Alan Barrett.**

### ESRI Seminar

“Chinese Migrant Student-workers and the Celtic Tiger”, Richard O’Leary and Lan Li (Queen’s University, Belfast).

“Illegality in Migrant Labour Markets”, Martin Ruhs (University of Oxford).

“The Labour Market Performance of Recent Migrants”, Stephen Drinkwater (University of Surrey and IZA, Bonn).

## SOCIAL COHESION AND QUALITY OF LIFE

The research programme on sport and exercise produced two significant publications in 2008. *Sporting Lives*, the latest research report funded by the **Irish Sports Council**, used recall data on participation in sport and exercise activities to reconstruct the modern history of grassroots Irish sport. The findings revealed that today's young adults are more active in sport than their parent's generation, chiefly through increased participation in personal exercise activities rather than traditional team games. The second publication, *Getting Out What You Put In*, which was prepared for the 2009 *Budget Perspectives* conference, analysed the returns to public investment in sport over the past ten years and suggested alternative policy options for increasing participation in sport and exercise.

Within the **EQUALSOC** Network of Excellence, ESRI researchers edited a special issue on *Reconciling Work and Family Life* which will be published in 2009 in the leading international journal on quality of life *Social Indicators Research*. The special issue offers readers insights into the interface between work and family life in the new European Union, touching on recent changes in forms of employment and family forms, changes in work intensity, upskilling, debates on time poverty, on social class, on social comparison, job allocation, gender and motherhood wage penalties and gender differences in the distribution of paid and unpaid labour. The number of countries analysed in each paper varies from 5 to 25.

In conjunction with the School of Applied Social Sciences in UCD, the ESRI undertook a new analysis of changing family structures and fertility patterns in Ireland, funded by the **Family Support Agency**. This project has been granted access to the 2006 Census Research Microdata File, allowing

a more detailed analysis of family change in Ireland than has been possible to date. The findings are due for publication in 2009.



Journalists Vincent Browne and George Lee at the *Budget Perspectives 2009* Conference in October 2008.

## Economic Growth and Social Progress

### SOCIAL COHESION AND QUALITY OF LIFE (continued)

**Programme Coordinators: Helen Russell and Christopher T. Whelan**

Other members of staff who work in this area include: Pete Lunn, Bertrand Maître, Frances McGinnity, and Dorothy Watson.

Project Title	Client/Funding Agency	Status	Researchers
Annual Report on the Measurement of Poverty and Deprivation in Ireland	Office for Social Inclusion	In progress	C.T. Whelan B. Maître
Child Care Responsibilities and Continuing Training Participation in Europe: A Cross-national Comparative Study (EMPLOY-FAMNET)	European Commission, DG Research FP6 funded under the EqualSoc Network	In progress	F. McGinnity
Children and Time Use in European Families (FAMNET)	European Commission, DG Research FP6 funded under the EqualSoc Network	In progress	F. McGinnity
Family Figures: Trends in Family Dynamics and Family Types in Ireland	Family Support Agency	In progress	P. Lunn T. Fahey (UCD)
Reconciling Work, Family Life and Gender Equality, the Influence of Welfare Regimes (EMPLOY-FAMNET)	European Commission, DG Research FP6 funded under the EqualSoc Network	In progress	F. McGinnity H. Russell
The Impact of the 'New Economy' on the Labour Market, Inequality, Poverty and Well-Being in Ireland	IRCHSS	In progress	C.T. Whelan B. Maître B. Nolan (UCD) S. Voitchovsky (UCD)
The Irish Sports Monitor	Irish Sports Council	In progress	P. Lunn R. Layte D. Watson

## SOCIAL COHESION AND QUALITY OF LIFE (continued)

### Journal Articles and Chapters in Books

“Getting Out What You Put In: An Evaluation of Public Investment in Irish Sport”, T. Callan (ed.) et al., *Budget Perspectives* 2009, **Pete Lunn**.

### Reports and Other Publications

*Budget Perspectives 2009*, ESRI Research Series No. 4, **Tim Callan**, Ray Barrell, **Alan Barrett**, Noel Casserly, Frank Convery, **Jean Goggin**, **Ide Kearney**, Simon Kirby, **Pete Lunn**, **Martin O’Brien**, Lisa Ryan.

*Gender Inequalities in Time Use: The Distribution of Caring, Housework and Employment Among Women and Men in Ireland*, Books and Monographs published by Other Agencies No. 113, **Frances McGinnity**, **Helen Russell**.

*In the Frame or Out of the Picture: A Statistical Analysis of Public Involvement in the Arts*, Books and Monographs published by Other Agencies No. 107, **Pete Lunn**, **Elish Kelly**.

*Quality of Life in Ireland: Social Impact of Economic Boom*, Books and Monographs published by Other Agencies No. 123, **Tony Fahey**, **Helen Russell**, **Christopher T. Whelan**.

*SLÁN 2007: Survey of Lifestyle, Attitudes & Nutrition in Ireland - Main Report*, Books and Monographs published by Other Agencies No. 116, Karen Morgan, Hannah McGee, **Dorothy Watson**, Ivan Perry, Margaret Barry, Emer Shelley, Janas Harrington, Michal Molcho, **Richard Layte**, Nuala Tully, Eric Van Lente, Mark Ward, Jennifer Lutomski, Ronan Conroy, Ruairi Brugha.

*Sporting Lives: An Analysis of a Lifetime of Irish Sport*, ESRI Research Series No. 2, **Pete Lunn**, **Richard Layte**.

*The Experience of Discrimination in Ireland: Analysis of the QNHS Equality Module*, Books and Monographs published by Other Agencies No.

120, Helen Russell, Emma Quinn, Rebecca King-O’Riain, **Frances McGinnity**.

### ESRI Working Papers

WP 238: “Immigrants and Welfare Programmes: Exploring the Interactions between Immigrant Characteristics, Immigrant Welfare Dependence and Welfare Policy”, **Alan Barrett**, Yvonne McCarthy.

WP 239: “Yuppie Kvetch? Work-life Conflict and Social Class in Western Europe”, **Frances McGinnity**, **Emma Calvert**.

WP 263: “Comparing Poverty Indicators in an Enlarged EU”, **Christopher T. Whelan**, **Bertrand Maître**.

### Papers Read to Conferences and Learned Societies

“Basic Instincts: Human Nature and the New Economics”, Institute for Cultural Research, London, September, **Pete Lunn**.

“Getting Out What You Put In: An Evaluation of Public Investment in Irish Sport”, ESRI Budget Perspectives Conference, Dublin, October, **Pete Lunn**.

“The National Longitudinal Study of Children”, paper read to Annual Conference, Lifestart Foundation – Northern Ireland, September, **James Williams**.

“Growing up in Ireland Research into Policy”, HSE Conference on Researching Children’s Worlds: Sharing Knowledge to Improve Action, Galway, February, **James Williams**, Sheila Greene.

“Half-time Analysis: The implications of ESRI/ ISC research for soccer”, Football Association of Ireland, August 2008, **Pete Lunn**.

## SOCIAL COHESION AND QUALITY OF LIFE (continued)

“In the Frame or Out of the Picture? A Statistical Analysis of Public Involvement in the Arts”, Presentation to Arts Policy Seminar, NESF, February, **Pete Lunn, Elish Kelly**.

“Numbers Games: Survey Evidence on Irish Sport”, Launch of the National Network of Local Sports Partnerships, Irish Sports Council and Dept. Arts, Sport and Tourism, April, **Pete Lunn**.

“Playing by Numbers: Survey Data and Children’s Sport in Ireland”, PE Pays Conference, University of Limerick, June, **Pete Lunn**.

“Raising Our Games: what survey data tells us about raising participation in sport and exercise”, Irish Sports Council Policy Seminar on Participation, June, **Pete Lunn**.

“Research on Domestic and Sexual Abuse: Challenges for Society”, President’s Forum on Domestic and Sexual Violence, October, **Dorothy Watson**.

“Revision or Revolution? The Impact of Behavioural Economics”, NUI Maynooth, Dept. of Economics, April, **Pete Lunn**.

“Sporting Lives - An Analysis of a Lifetime of Irish Sport”, presentation to the Irish Sports Council, February and March, **Pete Lunn, Richard Layte**.

“What’s it Worth? Can uncertainty in the perception of value explain loss aversion?”, Economics and Psychology Conference, NUI Maynooth, November, **Pete Lunn**.



Ray Barrell (NIESR, London) and Patrick Honohan (TCD) at the *Budget Perspectives 2009* Conference in October 2008.

## TAXATION, WELFARE AND PENSIONS

A major report on the development of effective policies to tackle low income and deprivation was published in 2008. This study includes specific chapters on groups vulnerable to social exclusion, and used the ESRI tax-benefit model (*SWITCH*) to construct and explore packages of policy measures which could help to address problems of low income and deprivation.

The *SWITCH* model was once again used to undertake “poverty impact assessment” of the annual Budget in the official Budget day analysis, and by the Institute team to provide independent commentary on the distributional impact of the Budget. A related journal article was also produced. A collaboration between the *SWITCH* team and members of the Economic Analysis division led to a research paper on the distributional implications of a carbon tax.

Work on a major EU-funded project on the Accurate Income Measurement for the Assessment of Policy (AIMAP) led to a journal article on the short-run distributional impact of public education transfers to third level students in seven European countries.



Guest speaker David Audretsch (Indiana University, USA) with Frances Ruane and Iulia Siedschlag on the occasion of the Geary Lecture on “The Entrepreneurial Society”, November 2008



## TAXATION, WELFARE AND PENSIONS (continued)

### Programme Coordinator: Tim Callan

Other members of staff who work in this area include: Claire Keane, Seán Lyons, Sue Scott, Richard S. J. Tol and John Walsh.

Project Title	Client/Funding Agency	Status	Researchers
Accurate Income Measurement for the Assessment of Policy	European Commission, DG Research FP6	In progress	T. Callan C. Keane J.R. Walsh
Budget Perspectives 2009	Grant in Aid	Completed	T. Callan C. Keane J.R. Walsh
Research Consultancy for the Provision of Expert Analysis on Tax/Welfare Policies	Combat Poverty Agency	Completed	T. Callan C. Keane J.R. Walsh
<i>SWITCH</i> Research Programme on Tax and Welfare (i) Pension policy: key issues (ii) Model maintenance and development (iii) Training and support (iv) Budget Perspectives 2009 (v) Non-cash benefits in Ireland	Department of Social and Family Affairs ESRI Grant in Aid	In progress In progress In progress Completed In progress	T. Callan C. Keane J.R. Walsh

### Journal Articles and Chapters in Books

“Analysing the Effects of Tax-benefit Reforms on Income Distribution: A Decomposition Approach”, *Journal of Economic Inequality*, 2008, Olivier Bargain, **Tim Callan**.

“The Distributional Implications of a Carbon Tax in Ireland”, *Energy Policy*, Vol. 37, No. 2, February 2009, pp. 407-412, **Tim Callan, Seán Lyons, Susan Scott, Richard S. J. Tol**, Stefano Verde.

“The Regional Dimension of Taxes and Public Expenditure in Ireland”, *Regional Studies*, 2008, **Edgar Morgenroth**.

### Reports and Other Publications

*Budget Perspectives 2009*, ESRI Research Series No. 4, **Tim Callan**, Ray Barrell, **Alan Barrett**, Noel Casserly, Frank Convery, **Jean Goggin, Ide Kearney**, Simon Kirby, **Pete Lunn, Martin O’Brien**, Lisa Ryan.

## TAXATION, WELFARE AND PENSIONS (continued)

*Short-Run Distributional Effects of Public Education Transfers to Tertiary Education Students in Seven European Countries*, IZA Discussion Paper No.3557, Other Publications by External Agencies No. 69, **Tim Callan**, Tim Smeeding, Panos Tsakloglou.

### ESRI Working Papers

WP 246: “A Carbon Tax for Ireland”, **Richard S. J. Tol, Tim Callan, Thomas Conefrey, John Fitz Gerald, Seán Lyons, Laura Malaguzzi Valeri, Susan Scott.**

### Papers Read to Conferences and Learned Societies

“A Carbon Tax for Ireland: Effects of a CO2 Tax and Recycling Options”, Combat Poverty Agency, September, **Seán Lyons.**

“Model-based Analysis of Tax and Welfare Policies”, Combat Poverty Agency, September, **Tim Callan.**

“Non-cash Benefits and the Distribution of Economic Welfare”, IEA Annual Conference, Westport, April, **Tim Callan, Claire Keane.**

“Tax Expenditures”, presentation to Combat Poverty Agency Round Table on Taxation, May, **Tim Callan.**

### ESRI Seminars

“Healthy Retirement or Unhealthy Inactivity: How Important are Financial Incentives in Explaining Retirement?”, Carl Emmerson (Institute for Fiscal Studies, London).

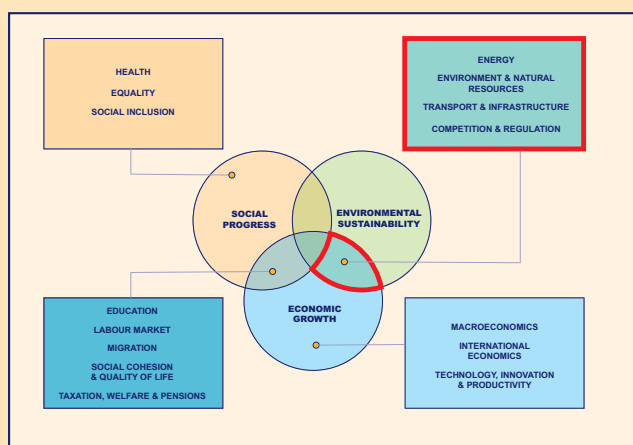
“Means Testing Retirement Benefits: Fostering Equity or Discouraging Savings?”, Justin van de Ven (National Institute of Economic and Social Research (NIESR), London).

“Social Security and Living Arrangements Among Older People in Brazil”, Yumiko Kamiya (Trinity College Dublin).



Bertrand Maître and Claire Finn (NESC) at the Lifecycle Conference in October 2008.

# Economic Progress and Environmental Sustainability



The increasing importance of environmental issues is reflected in the four programmes of research that look at issues where economic and environmental factors interact strongly. These programmes are:

- **Energy**  
(coordinated by Professor John Fitz Gerald);
- **Environment and Natural Resources**  
(coordinated by Professor John Fitz Gerald);
- **Transport and Infrastructure**  
(coordinated by Dr Edgar Morgenroth);  
and
- **Competition and Regulation**  
(coordinated by Dr Seán Lyons)

## ENERGY

A major feature of the work of the **Energy Policy Research Centre (EPRC)** has been the development of key research infrastructure in the form of economic models for research. These models are used as the basic tool in much of the work undertaken by the EPRC and funded by its stakeholders.<sup>2</sup> Model development work included:

- (a) The electricity model covers the all-island electricity sector, modelling the dispatch of generating stations on a half hourly basis. It has been used in preparing forecasts and scenarios on energy use out to 2025.
- (b) Developments of the *HERMES*, which included more detailed treatment of energy demand from the transport sector, were used to generate detailed forecasts for energy demand to 2025, which were published in the 2008 *Medium-Term Review*.

<sup>2</sup> The EPRC is funded by a consortium of stakeholders in the energy area including the Department of Communications, Energy and Natural Resources.

- (c) ISus, the satellite model of *HERMES*, used to forecast emissions and resource use, is being developed under funding from the **Environmental Protection Agency (EPA)**, which has used it in its *State of the Environment Report* in mid-2008. This model relates economic activity to a range of emissions, including greenhouse gases.
- (d) **FUND**, an integrated assessment model of climate change for analysis of international climate policy, is being used to advise the US EPA on climate policy. The model is also used to estimate the economic impact of climate change on Ireland, to simulate international trade in emission permits, and to investigate the implications of uncertainty about the carbon cycle. The research on this programme is funded by the Irish **Environmental Protection Agency**, the **US Environmental Protection Agency** and **EPRI**.

# Economic Growth and Environmental Sustainability

## ENERGY (continued)

(e) HTM, a model of domestic and international tourism, is being used to estimate the impact of regulating aviation emissions, the EU-US Open Skies agreement, and for scenario studies of future aviation (as used in the latest *MTR*). This project is funded by the **Environmental Protection Agency**.

Over the course of 2008 the EPRC examined a wide range of topics in energy, all of which are policy relevant for Ireland.

(a) Together with Sustainable Energy Ireland, the ESRI used the existing version of the *HERMES* macroeconomic model to prepare forecasts for energy use out to 2020. These forecasts are used by government departments and official bodies as part of their ongoing work on energy and the environment.

(b) Domestic and European climate policy formed a large component of research in 2008, with papers on a carbon tax, alternative instruments for climate policy, and EU emissions trade.

### Programme Coordinator: Richard S.J. Tol

Others who work in this area include: David Anthoff, Seán Diffney, John Fitz Gerald, Hugh Hennessy, Eimear Leahy, Seán Lyons, Laura Malaguzzi Valeri, and Sue Scott.

Project Title	Client/Funding Agency	Status	Researchers
Comprehensive Energy Forecasts for Ireland	Sustainable Energy Ireland	Completed	J. Fitz Gerald A. Bergin
Developing an Efficient Market for Electricity	ESRI Energy Policy Research Centre	In progress	J. Fitz Gerald
Sensitivity Analysis Forecasts	Environmental Protection Agency	Completed	J. Fitz Gerald A. Bergin
Study for Future for Fuel Diversity Options for the Irish Power System	ESRI Energy Policy Research Centre	In progress	J. Fitz Gerald L. Malaguzzi Valeri S. Diffney
Study on the Costs and Benefits of East-West Electricity Interconnection between the Republic of Ireland and Great Britain	ESRI Energy Policy Research Centre	In progress	L. Malaguzzi Valeri J. Fitz Gerald S. Diffney S. Lyons

## ENERGY (continued)



- (c) Work on modelling energy use in transport was intensified with papers on car ownership, modal choice for commuting, the value of rail transport, aviation policy, and road freight.
- (d) The number of fuel poor in Ireland was estimated and the determinants of the risk of fuel poverty were analysed.
- (e) Research on the use of household appliances in Ireland was conducted and the implications for energy efficiency were examined.

### Journal Articles and Chapters in Books

“Climate Change and Energy Policy - An Economic Perspective” in E. Hendrick and K. G. Black (eds.), *Forests, Carbon and Climate Change - Local and International Perspectives*, Proceedings of the COFORD Conference held at the Glenview Hotel, Co Wicklow on 19 September 2007, pp. 34-40, **John Fitz Gerald**.

“Editorial”, *Energy Economics*, Vol. 31, No. 1, January 2009, pp. 1-3, Beng Wah Ang, **Richard S. J. Tol**, John P. Weyant.

“Energy-using Appliances and Energy-saving Features: Determinants of Ownership in Ireland”, *Applied Energy*, Vol. 85, Issue 7, July 2008, **Joe Doherty, Seán Lyons, Richard S. J. Tol**.

“The Distributional Implications of a Carbon Tax in Ireland”, *Energy Policy*, Vol. 37, No. 2, February 2009, pp. 407-412, **Tim Callan, Seán Lyons, Susan Scott, Richard S. J. Tol**, Stefano Verde.

“The Value of the High Aswan Dam to the Egyptian Economy”, *Ecological Economics*, Vol. 66, Issue 1, May 2008, Kenneth M. Strzepek, Gary W. Yohe, **Richard S. J. Tol**, Mark W. Rosegrant.

### ESRI Working Papers

WP 229: “Controlling the Cost of Controlling the Climate: The Irish Government’s Climate Change Strategy”, Colm McCarthy, **Susan Scott**.

WP 232: “Welfare and Competition Effects of Electricity Interconnection between Great Britain and Ireland”, **Laura Malaguzzi Valeri**.

## ENERGY (continued)

WP 244: “Scenarios of Carbon Dioxide Emissions from Aviation”, **Karen Mayor, Richard S. J. Tol.**

WP 248: “Marginal Abatement Costs of Carbon-Dioxide Emissions: A Meta-Analysis”, Onno Kuik, Luke Brander, **Richard S. J. Tol.**

WP 250: “The Distributional Implications of a Carbon Tax in Ireland”, **Tim Callan, Seán Lyons, Susan Scott, Richard S. J. Tol,** Stefano Verde.

WP 251: “The Impact of a Carbon Tax on Economic Growth and Carbon Dioxide Emissions in Ireland”, **Thomas Conefrey, John Fitz Gerald, Laura Malaguzzi Valeri, Richard S. J. Tol.**

WP 252: “Risk Aversion, Time Preference, and the Social Cost of Carbon”, **David Anthoff, Richard S. J. Tol,** Gary W. Yohe.

WP 254: “Measuring International Inequity Aversion”, **Richard S. J. Tol.**

WP 255: “The Economic Impact of Climate Change”, **Richard S. J. Tol.**

WP 256: “Intra-Union Flexibility of Non-ETS Emission Reduction Obligations in the European Union”, **Richard S. J. Tol.**

WP 257: “Metrics for Aggregating the Climate Effect of Different Emissions: A Unifying Framework”, **Richard S. J. Tol,** Terje K. Berntsen, Brian C. Neill, Jan S. Fuglestedt, Keith P. Shine, Yves Balkanski, Laszlo Makra.

WP 259: “Damage Costs of Climate Change through Intensification of Tropical Cyclone Activities: An Application of FUND”, Daiju Narita, **Richard S. J. Tol, David Anthoff.**

WP 260: “The Direct Impact of Climate Change on Regional Labour Productivity”, Tord Kjellstrom, R.

Sari Kovats, Simon J. Lloyd, Tom Holt, **Richard S. J. Tol.**

WP 262: “Fuel Poverty in Ireland: Extent, Affected Groups and Policy Issues”, **Susan Scott, Seán Lyons, Claire Keane, Donal McCarthy, Richard S. J. Tol.**

### Papers Read to Conferences and Learned Societies

“Challenges for Nuclear Energy in the Irish Electricity Market”, Northern Ireland Energy Conference, Belfast, November, **Laura Malaguzzi Valeri.**

“Energy Demand in Ireland”, ESRI-EPA workshop The Future of Ireland’s Environment, December, **Laura Malaguzzi Valeri.**

“Energy Prices and Competitiveness”, National Competitiveness Council, October, **Richard S. J. Tol.**

“EU Climate Change Package”, presentation given at Shamrock Conference: Irish Business Club in Finland in conjunction with Finnish Business Club Ireland, Royal Dublin Society, April, **Laura Malaguzzi Valeri.**

“Ireland’s Energy Landscape”, Energy Ireland Conference, June, **John Fitz Gerald.**

“Welfare and Competition Effects of Electricity Interconnection between Ireland and Great Britain”, presented at the International Industrial Organization Society Conference, Washington DC, May, and at Seminar, Universidad Pais Vasco, Bilbao, Spain, June, **Laura Malaguzzi Valeri.**

## ENVIRONMENT AND NATURAL RESOURCES

Current research in environmental economics and resource economics is focused on:

- Forecasting emissions to air (ISus).
- Valuation of environmental (dis)amenities.
- Waste policy (ISus).
- Climate policy in Ireland (carbon tax) and abroad (FUND).

In addition to work on a domestic carbon tax, a study is also underway on European climate policy, financially supported by the **Environmental Protection Agency** (EPA). This research shows that it is feasible to reduce the economic costs of the 20/20/20 package without violating its environmental integrity. Related research shows that there is scope for a substantial reduction of carbon dioxide emissions from aviation, but current policies are misdirected at passenger behaviour and will lead to minimal emission reduction (<1%) for sizeable subsidies (> €1 billion) to industry.

New research, funded by the **Environmental Protection Agency**, shows that public investment in water supply and conservation has usually been well spent, whereas the returns on investment in wastewater treatment have been much more variable. Household water use varies with age and family structure and increases with “class”, i.e., income, education, and occupation. Other research shows that weight-based charging for waste substantially increases recycling and composting, but has no significant effect on illegal dumping.

With funding from the **Environmental Protection Agency**, the ESRI is extending its economic model for the medium-term forecast to predict emissions to air and water and resource use.

New estimates suggest that Ireland’s forests have a considerable value for recreation: €50-60 million per year for Irish residents only.



# Economic Growth and Environmental Sustainability

## ENVIRONMENT AND NATURAL RESOURCES (continued)

### Programme Coordinator: John Fitz Gerald

Others who work in this area include David Anthoff, Nicola Commins, Hugh Hennessy, Eimear Leahy, Seán Lyons, Laura Malaguzzi Valeri, Karen Mayor, Edgar Morgenroth, Sue Scott, and Richard S. J. Tol.

Project Title	Client/Funding Agency	Status	Researchers
Carbon Cycle Uncertainty Implications for Climate Policy	Electric Power Research Institute	Completed	R. S. J. Tol
Climate Cost	European Commission, DG Research FP7 programme	In progress	R. S. J. Tol D. Anthoff
Future Targets for Greenhouse Gas Mitigation in Ireland and International Climate Policy	Environmental Protection Agency	In progress	R. S. J. Tol J. Fitz Gerald S. Lyons S. Scott L. Malaguzzi Valeri H. Hennessy E. Leahy N. Commins
Security Implications of Climate Change	United States Environmental Protection Agency	In progress	R. S. J. Tol
Social Cost of Carbon	United States Environmental Protection Agency	In progress	R. S. J. Tol D. Anthoff N. Commins
Sustainable Development Research Model	Environmental Protection Agency	In progress	R. S. J. Tol J. Fitz Gerald E. Morgenroth S. Scott D. Anthoff N. Commins S. Lyons A. Nolan Teagasc (subcontractor)
What's it Worth? The Perception of Economic Losses and Gains	IRCHSS	In progress	R. Layte P. Lunn



## ENVIRONMENT AND NATURAL RESOURCES (continued)

### Journal Articles and Chapters in Books

“A Meta-analysis of Forest Recreation Values in Europe”, *Journal of Forest Economics*, Vol. 15, Issue 1-2, 2009, pp. 109-130, Marianne Zandersen, **Richard S. J. Tol**.

“A New Global Coastal Database for Impact and Vulnerability Analysis to Sea-Level Rise”, *Journal of Coastal Research*, Vol. 24, No. 4, July 2008, Athanasios T. Vafeidis, Robert J. Nicholls, Loraine McFadden, **Richard S. J. Tol**, Jochen Hinkel, Tom Spencer, Poul S Grashoff, Gerben Boot, Richard J. T. Klein.

“A Short Note on Joint Welfare Maximization Assumption”, *The Icfai Journal of Managerial Economics*, Volume VI, Issue 3, 2008, Dritan Osmani, **Richard S. J. Tol**.

“Abrupt Climate Change near the Poles”, *Climatic Change*, Vol. 91, No.1-2, 2008, pp. 1-4, Klaus Pennsylvania State University Keller, **Richard S. J. Tol**, Ferenc L. Toth, Gary W. Yohe.

“Climate Change: Regulating the Unknown”, H. von Storch, R. S. J. Tol and G. Floser (eds.), *Environmental Crises*, **Richard S. J. Tol**.

“Climate, Development and Malaria: An Application of FUND”, *Climatic Change*, Vol. 88, No. 1, May 2008, **Richard S. J. Tol**.

“Decision Making under Catastrophic Risk and Learning: the Case of the Possible Collapse of the West Antarctic Ice Sheet”, *Climatic Change*, Vol. 91, No. 1-2, November 2008, pp. 193-209, M. L. Guillerminet, **Richard S. J. Tol**.

“Economic Scenarios for Global Change”, H. von Storch, R. S. J. Tol & G. Floser (eds.), *Environmental Crises*, **Richard S. J. Tol**.

“Economy-wide Estimates of the Implications of Climate Change? a Rejoinder”, *Ecological Economics*, Vol. 66, No. 1, May 2008, Francesco Bosello, Roberto Rosona, **Richard S. J. Tol**.

“Equity Weighting and the Marginal Damage Costs of Climate Change” in *Ecological Economics*, Vol. 68, 2009, pp. 836-849, David Anthoff, Cameron Hepburn, **Richard S. J. Tol**.

“Global Estimates of the Impact of a Collapse of the West Antarctic Ice Sheet: an Application of FUND”, *Climatic Change*, Vol. 91, No. 1-2, November 2008, pp. 171-191, Robert J. Nicholls, **Richard S. J. Tol**, Athanasios T. Vafeidis.

“Global Warming” in B. Lomborg (ed.), *Copenhagen Consensus 2008*, Gary W. Yohe, **Richard S. J. Tol**, Richard G. Richels, Geoffrey J. Blanford.

“Methodological Aspects of Recent Climate Change Damage Cost Studies”, *The Integrated Assessment Journal*, Vol. 8, No. 1, June 2008, Onno Kuik, Barbara Buchner, Michaela Catenacci, Alessandra Gorla, Etem Karakaya, **Richard S. J. Tol**.

“No Cap but Trade Proposal for Emission Targets”, *Climate Policy*, Vol. 8, No. 3, 2008, **Richard S. J. Tol**, Katrin Rehdanz.

“Post-2012 Climate Policy Dilemmas: A Review of Proposals”, *Climate Policy*, Vol. 8, 2008, Onno Kuik, Jeroen Aerts, Frans Berkhout, Frank Biermann, Jos Bruggink, Joyeeta Gupta, **Richard S. J. Tol**.

“The Impact of the EU-US Open Skies Agreement on International Travel and Carbon Dioxide Emissions”, *Journal of Air Transport Management*, Vol. 14, 2008, **Karen Mayor, Richard S. J. Tol**.

“The Impact of Trade Liberalization on Water Use: A Computable General Equilibrium Analysis”, *Journal of Economic Integration*, Vol. 23, No. 3, September 2008, pp. 631-655, Maria Berritella, Katrin Rehdanz, **Richard S. J. Tol**, Jian Zhang.

“The Social Cost of Carbon: Trends, Outliers and Catastrophes”, *Economics: The Open-Access, Open-Assessment E-Journal*, Vol. 2, 2008-25, **Richard S. J. Tol**.

## ENVIRONMENT AND NATURAL RESOURCES (continued)

“The Stern Review and the Economics of *Climate Change*: An Editorial Essay”, *Climatic Change*, Vol. 89, No. 3-4, August 2008, pp. 231-240, Gary W. Yohe, **Richard S. J. Tol**.

“Towards Successful Adaptation to Sea-Level Rise Along Europe’s Coasts”, *Journal of Coastal Research*, Vol. 24, No. 2, March 2008, **Richard S. J. Tol**, Richard J. T. Klein, Robert J. Nicholls.

“Why Worry About Climate Change? A Research Agenda”, *Environmental Values*, Vol. 17, No 4, November 2008, pp. 437-470 , **Richard S. J. Tol**.

### Reports and Other Publications

*Budget Perspectives 2009*, ESRI Research Series No. 4, **Tim Callan**, Ray Barrell, **Alan Barrett**, Noel Casserly, Frank Convery, **Jean Goggin**, **Ide Kearney**, Simon Kirby, **Pete Lunn**, **Martin O’Brien**, Lisa Ryan.

*Economic Analysis of Land Use in Global Climate Change Policy*, Books and Monographs published by Other Agencies No. 139, Thomas W. Hertel, Steven K. Rose, **Richard S. J. Tol**.

*Environmental Crises*, Books and Monographs published by Other Agencies No. 106, Hans Von Storch, **Richard S. J. Tol**, Gotz Floser.

### ESRI Working Papers

WP 223: “Environmental Accounts for the Republic of Ireland: 1990-2005”, **Seán Lyons**, **Karen Mayor**, **Richard S. J. Tol**.

WP 228: “The Impact of Climate Change on the Balanced-Growth-Equivalent: An Application of FUND”, **David Anthoff**, **Richard S. J. Tol**.

WP 229: “Controlling the Cost of Controlling the Climate: The Irish Government’s Climate Change Strategy”, Colm McCarthy”, **Susan Scott**.

WP 240: “Aviation and the Environment in the Context of the EU-US Open Skies Agreement”, **Karen Mayor**, **Richard S. J. Tol**.

WP 241: “European Climate Policy and Aviation Emissions”, **Karen Mayor**, **Richard S. J. Tol**.

WP 244: “Scenarios of Carbon Dioxide Emissions from Aviation”, **Karen Mayor**, **Richard S. J. Tol**.

WP 246: “A Carbon Tax for Ireland”, **Richard S. J. Tol**, **Tim Callan**, **Thomas Conefrey**, **John Fitz Gerald**, **Seán Lyons**, **Laura Malaguzzi Valeri**, **Susan Scott**.

WP 247: “Incorporating GHG Emission Costs in the Economic Appraisal of Projects Supported by State Development Agencies”, **Richard S. J. Tol**, **Seán Lyons**.

WP 250: “The Distributional Implications of a Carbon Tax in Ireland”, **Tim Callan**, **Seán Lyons**, **Susan Scott**, **Richard S. J. Tol**, Stefano Verde.

WP 251: “The Impact of a Carbon Tax on Economic Growth and Carbon Dioxide Emissions in Ireland”, **Thomas Conefrey**, **John Fitz Gerald**, **Laura Malaguzzi Valeri**, **Richard S. J. Tol**.

WP 252: “Risk Aversion, Time Preference, and the Social Cost of Carbon”, **David Anthoff**, **Richard S. J. Tol**, Gary W. Yohe.

WP 255: “The Economic Impact of Climate Change”, **Richard S. J. Tol**.

WP 256: “Intra-Union Flexibility of Non-ETS Emission Reduction Obligations in the European Union”, **Richard S. J. Tol**.

WP 257: “Metrics for Aggregating the Climate Effect of Different Emissions: A Unifying Framework”, **Richard S. J. Tol**, Terje K. Berntsen, Brian C. Neill, Jan S. Fuglestedt, Keith P. Shine, Yves Balkanski, Laszlo Makra.

## ENVIRONMENT AND NATURAL RESOURCES (continued)

WP 259: “Damage Costs of Climate Change through Intensification of Tropical Cyclone Activities: An Application of FUND”, Daiju Kiel Institute Narita, **Richard S. J. Tol, David Anthoff**.

WP 260: “The Direct Impact of Climate Change on Regional Labour Productivity”, Tord Australian National University Kjellstrom, R. Sari Kovats, Simon J. Lloyd, Tom Holt, **Richard S. J. Tol**.

WP 262: “Fuel Poverty in Ireland: Extent, Affected Groups and Policy Issues”, **Susan Scott, Seán Lyons, Claire Keane, Donal McCarthy, Richard S. J. Tol**.

### Papers Read to Conferences and Learned Societies

“A Carbon Tax for Ireland”, Foundation for Fiscal Studies, Dublin, June, **Richard S. J. Tol**.

“Adaptation to Climate Change”, The International Petroleum Industry Environmental Conservation Association (IPIECA), October, **Richard S. J. Tol**.

“Beyond Mapping: Spatial Data Analysis of Economic Data”, presented at the Irish Organisation for Geographical Information (IRLOGI) Conference, October, **Edgar Morgenroth**.

“Climate Change Impacts in Integrated Assessment”, Energy Modeling Forum (EMF) Climate Change Impacts and Integrated Assessment Workshop, July/August, **Richard S. J. Tol**.

“Climate Policy: Economics and Ethics”, Stichting Oikos, Utrecht, June, **Richard S. J. Tol**.

“Economics of Global Warming”, Lecture at Milltown Institute, February, **John Fitz Gerald**.

“Environmental Accounts for the Republic of Ireland 1990-2005”, Statistical and Social Inquiry Society of

Ireland, Dublin, April, **Seán Lyons, Karen Mayor, Richard S. J. Tol**.

“ESRI Models for Energy, Environment and Transport”, Environmental Protection Agency (EPA) Modelling Workshop, Dublin, **Richard S. J. Tol**.

“Global Warming”, Copenhagen Consensus Youth Forum, Copenhagen, May, **Richard S. J. Tol**.

“How Much Should We Spend on Carbon-Free Technology?”, Smart Energies Conference, ETH (Federal Technical University of Switzerland), September, **Richard S. J. Tol**.

“International Permit Trade”, and “Intra-Union Flexibility for Non-ETS Emission Reduction Obligation”, at the Energy Modeling Forum (EMF) 22 Transitions Meeting, International Institute for Applied Systems Analysis (IIASA), September, **Richard S. J. Tol**.

“Ireland’s Environment: Priorities”, OECD, November, **Richard S. J. Tol**.

“ISus: Ireland’s Sustainable Development Model”, IBEC Environmental Policy Committee, Dublin, June; and United Kingdom Network of Environmental Economists / Irish Environmental Economists Network (UKNEE/IEEN), October, **Richard S. J. Tol**.

“Predicting Future Emissions and Resource Use: a Sustainable Development Research Model for Ireland”, EPA Environmental Research Conference, February, **Seán Lyons**.

“Research for Policy”, EPA Environmental Research Conference, February, **John Fitz Gerald**.

“Solid Waste Projections”, presentation to Conference The Future of Ireland’s Environment, EPA/ESRI Workshop, December, **Seán Lyons**.

## ENVIRONMENT AND NATURAL RESOURCES (continued)

“The Design of EU Climate Policy”, Association d’Instituts European de Conjocture Economique, November, **Richard S. J. Tol**.

“The Economic Impact of Ocean Acidification: First Estimates”, General Assembly of the European Geophysical Union, Vienna, April, **Richard S. J. Tol**.

“The Medium-Term Prospects for the Irish Economy and the Environment”, Institute for European Affairs, May, **John Fitz Gerald**.

“The Sustainable Development Research Model”, EPA, Dublin, January, **Richard S. J. Tol**.

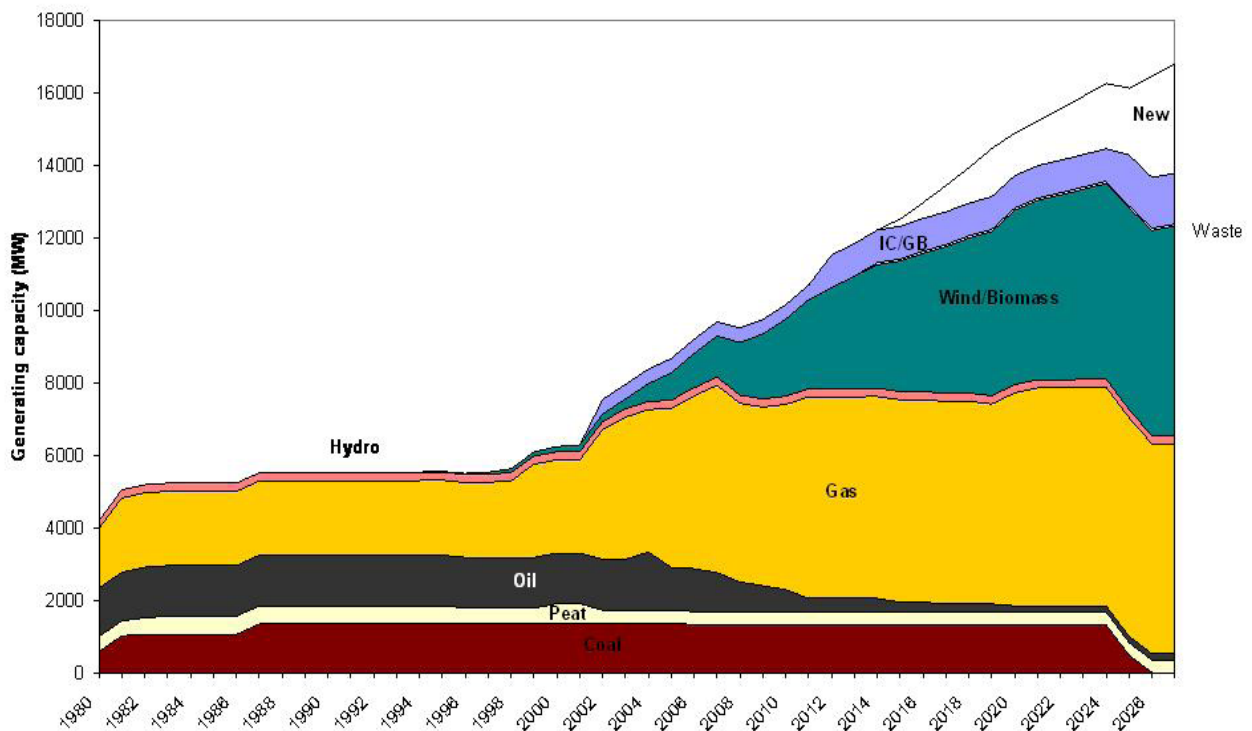
“Uncertainty and the Social Cost of Carbon”, Energy Modeling Forum (EMF) Climate Change Impacts and Integrated Assessment Workshop, July/August, **Richard S. J. Tol**.

“Working Towards a Sustainable Future for Ireland’s Water Needs”, *Sunday Business Post* and IQuest, 2nd National Water Summit, October, **Sue Scott**.

### ESRI Seminars

“The Future of Ireland’s Environment”, The ESRI and Teagasc.

**All-Island electricity generation capacity (MW), historic (1980 - 2008) and forecast (2009-2026)**



## TRANSPORT AND INFRASTRUCTURE

In 2008 transport and infrastructure research has analysed a range of issues, including the determinants of commuting behaviour, the impact of infrastructure investment and the environmental impacts of tourism travel.

Research on the modal choice of commuters in the Greater Dublin Area has shown that those working in the city centre are significantly more likely to walk or cycle, or take public transport to work, suggesting that a greater employment concentration in the city centre may reduce car dependence. The results also highlight the importance of public transport provision in influencing modal choice, even when car ownership, work location and travel time have been taken into account. Analysis of the determinants of car ownership over the period 1995-2001 showed that the strength of the persistence in household car ownership levels creates challenges for policymakers in terms of designing policy initiatives to encourage more sustainable methods of transport.

The impact of LUAS and other rail infrastructure on property values in the Dublin area was investigated using a hedonic house price model. The research shows that proximity to railway stations is found

to generate a positive externality as it improves transportation access. The newer transport links, like LUAS, have a greater premium than older rail alternatives, with the largest premium being associated with light rail, followed by heavy rail and commuter transit.

The research programme has covered aspects of the interconnection between transport and tourism. Using a model of international and domestic tourist numbers and flows to forecast tourist numbers and emissions from international tourism out to 2100, it was found that between 2005 and 2100 international tourism will grow by a factor of 12. Not only do people take more trips but these also increase in length, with the growth in tourism mainly fuelled by an increase in trips from Asian countries. Other research has investigated the climate and other destination preferences of Irish tourists, using data for 2006. The research found that different types of tourists have very different preferences. Elderly holidaymakers and family visitors stand out most from the “average” tourist. Preferences for cultural heritage, population density, and temperature discriminate the most between tourist types.



# Economic Growth and Environmental Sustainability

## TRANSPORT AND INFRASTRUCTURE (continued)

### Programme Coordinator: Edgar Morgenroth

Other members of staff who work in this area include: Nicola Commins, Hugh Hennessy, Seán Lyons, Laura Malaguzzi Valeri, Karen Mayor, Anne Nolan, Sue Scott, Richard S. J. Tol.

Project Title	Client/Funding Agency	Status	Researchers
Energy Use in Irish Freight Transport	ESRI Energy Policy Research Centre	In progress	L. Malaguzzi Valeri

### Journal Articles and Chapters in Books

“Affordable Housing in the Republic of Ireland”, in D. Fitzsimons and J. McPeake (eds.), *Affordable Housing: An International Perspective*, **Edgar Morgenroth**.

“The Impact of the EU-US Open Skies Agreement on International Travel and Carbon Dioxide Emissions”, *Journal of Air Transport Management*, Vol. 14, 2008, **Karen Mayor, Richard S. J. Tol**.

### ESRI Working Papers

WP 225: “The Climate Preferences of Irish Tourists by Purpose of Travel”, **Seán Lyons, Karen Mayor, Richard S. J. Tol**.

WP 244: “Scenarios of Carbon Dioxide Emissions from Aviation”, **Karen Mayor, Richard S. J. Tol**.

WP 264: “A Hedonic Analysis of the Value of Rail Transport in the Greater Dublin Area”, **Karen Mayor, Seán Lyons, David Duffy, Richard S. J. Tol**.

WP 268: “The Determinants of Mode of Transport to Work in the Greater Dublin Area”, **Nicola Commins, Anne Nolan**.

WP 269: “A Dynamic Analysis of Household Car Ownership in Ireland”, **Anne Nolan**.

WP 271: “Exploring the Economic Geography of Ireland”, **Edgar Morgenroth**.

### Papers Read to Conferences and Learned Societies

“Challenges in Achieving Balanced Regional Development”, Western Development Commission, May, **Edgar Morgenroth**.

“Commuting Trends: Implications of Structural Economic Change”, presented at the Seminar on The Future of Ireland’s Environment, EPA/ESRI Workshop, December, **Edgar Morgenroth**.

“Exploring the Economic Geography of Ireland”, presented at the meeting of the Statistical and Social Inquiry Society of Ireland, December, **Edgar Morgenroth**.

Participant on Leaders Discussion Panel and Open Forum, National Construction Conference 08, October, **Edgar Morgenroth**.

“The Effect of the EU-US Open Skies Agreement on Carbon Dioxide Emissions and Passenger Numbers”, AirNeth Conference, The Hague, April, **Karen Mayor, Richard S. J. Tol**.

“The Impact of Metro-North on North County Dublin”, presented at the Martin McEvoy Annual Seminar Series, Dublin City University, October, **Edgar Morgenroth**.

“Trends in Land Use and Commuting Patterns in Ireland: Implications for Spatial Planning”, Regional Studies Association, International Conference, Prague, May, **Edgar Morgenroth**.

## COMPETITION AND REGULATION

Competition and regulation research was first established as a distinct programme area at the ESRI in the Research Strategy 2008-2013. Previously, competition and regulation topics were addressed in other programmes. The identification of competition and regulation as a separate area reflects the increasing importance of regulation in the Irish economy, on the one hand, combined with a strengthened role for competition policy. Initially, competition and regulation will concentrate on energy, electronic communications and the environment.

Work this year focused on competition and regulation in the energy and communications sectors. A project supported by the **Energy Policy Research Centre** analysed the impact of additional interconnection between Ireland and Great Britain on welfare and competition in the Irish electricity market. In general the impact is positive. In the electronic communications sector, we began research on the adoption of broadband by businesses and households. Using data provided by ComReg and Eircom, we have developed an index of broadband service availability for disaggregated geographical areas in Ireland over time. Finally, in the area of the environment, climate change policy has led to the introduction of new property rights. However, how these rights will be structured and the nature of the markets in which they will be traded are open questions. It is anticipated that ongoing research in this area will be published in 2009.

### Programme Coordinator: Seán Lyons

Other members of staff who work in this area include: Laura Malaguzzi Valeri, John Fitz Gerald, Seán Diffney, Stefanie Haller, and Richard S.J. Tol.

Project Title	Client/Funding Agency	Status	Researchers
Issues for Ireland in the proposed new EU natural gas regulatory package	ESRI Energy Policy Research Centre	Completed	S. Lyons L. Malaguzzi Valeri S. Diffney

### Journal Articles and Chapters in Books

“The Distribution of Productivity in Irish Manufacturing Between 1995 and 2004: Determinants, Changes and Implications”, *The Economic and Social Review*, Vol. 39, No. 1, Spring 2008, **Stefanie Haller**.

“Testing Which Proposed Regulations Need ‘Competition-Proofing’” in A. Ghose (ed.), *Impact of Government Policies on Marketing Strategies*, 2008, **Seán Lyons**.

### ESRI Working Papers

WP 232: “Welfare and Competition Effects of Electricity Interconnection between Great Britain and Ireland”, **Laura Malaguzzi Valeri**.

WP 266: “The Impact of Wage Bargaining Regime on Firm-Level Competitiveness and

Wage Inequality: The Case of Ireland”, **Seamus McGuinness, Elish Kelly, Philip J. O’Connell**.

### Papers Read to Conferences and Learned Societies

“Comments on Competition Advocacy”, seminar on the Operation and Implementation of the Competition Act, The Competition Authority, June, **Seán Lyons**.

Discussant of paper at a workshop on the effectiveness of competition policy, European Commission Directorate General for Economic and Financial Affairs, October, **Seán Lyons**.

### ESRI Seminars

“Rents, Regulatory Reform and Rx”, Paul Gorecki (Competition Authority).

### SURVEYS AND DATA FROM ADMINISTRATIVE RECORDS

During 2008, survey work continued on the major seven-year research programme involving a longitudinal study of children. This programme is being led jointly by the ESRI and Trinity College, Dublin in collaboration with a consortium of researchers from other national and international universities and research institutions. During 2008 interviewing of over 8,500 9-year-old children and their families was completed. Survey work also began with the families of 10,000 9-month old children.

The first round of major results from this research programme, the most ambitious and complex of its kind ever to have been undertaken in Ireland, will become available in 2009, after which the data will be lodged in the Irish Social Science Data Archive (ISSDA).

By identifying the main factors that contribute to or undermine the well-being of children in 21st century Ireland, the survey and related research will help to frame effective and responsive policies for children and their families. The programme is funded by the **Department of Health and Children** through the **Office of the Minister for Children and Youth Affairs** in association with the **Department of Social and Family Affairs** and the **Central Statistics Office**.

The ESRI, in partnership with an external fieldwork agency, completed the Survey of Prejudice and Tolerance in Ireland (for NUI Maynooth), which replicates surveys conducted by the ESRI in the 1970s and the 1990s. Also, in the first quarter of 2008, the ESRI partnered with an external fieldwork agency to complete the Survey of Conflict Resolution in the Workplace (for Queen's University Belfast (QUB)). During 2008, the ESRI also conducted surveys on sports participation and consumer sentiment, which feed directly into ongoing research at the Institute. The ESRI also designed a sample for the pilot survey of TILDA (the national survey on health, retirement and ageing) and for the International Social Survey Program (ISSP). These surveys and survey design exercises drew on the ESRI expertise in designing surveys to the best international standards.

ESRI researchers are now intensive users of the CSO micro data sets across a range of areas and access to these data sets, facilitated by the CSO, is providing new research opportunities that can contribute to policymaking. The key data sets that were used during 2008 were the Census of Population, Quarterly National Household Survey, EU – SILC, National Employment Survey, and the Census of Industrial Production.

The Institute has responsibility for developing two national data bases from administrative records, under funding from the **Health Service Executive**. During 2008 several reports on the Hospital In-Patient Enquiry (HIPE) and the National Perinatal Information System (NPRS) were published and can be accessed on the ESRI website ([www.esri.ie](http://www.esri.ie)). These annual reports provide easily accessible timely data for individuals or organisations with an interest in perinatal statistics and hospital discharge data. In addition, the HIPE Data Reporter, which facilitates direct access to HIPE data, was web enabled.

As part of its remit for the training of clinical coders, the Institute was engaged in a collaborative project with the Northern Ireland Public Sector Enterprises, and funded by the **EU Phare Transition Facility**, for the development of National Coding Standards within the Czech DRG System. This project concluded in 2008 and involved consultations, workshops and technical advice on aspects of clinical coding, health information systems and the development of DRG systems.<sup>3</sup>

In April, the Health Research and Information Division hosted a meeting of the European Health Policy Group and a study visit from members of the Hungarian Health Insurance Supervisory Authority. A national information day for the National Perinatal Reporting system was held in October. Research explored in more detail the factors that might influence the choice of a national standard for measuring casemix within the Irish hospital system and on changes in the mix of patients treated within the Irish hospital system.

<sup>3</sup> Twinning project CZ 2005/IB/SO/03 Final report ([www.mzcr.cz/Odbornik/file.aspx?id=308&name=132\\_Summary\\_Reccomandations.pdf](http://www.mzcr.cz/Odbornik/file.aspx?id=308&name=132_Summary_Reccomandations.pdf)) [sic]



## MAJOR NATIONAL SURVEY

Project Title	Client/Funding Agency	Status	Researchers
The National Longitudinal Study of Children in Ireland (NLSCI)	Department of Health and Children through the Office of the Minister for Children in association with the Department of Social and Family Affairs and the Central Statistics Office	In progress	J. Williams S. Greene (TCD) C. McCrory A. Murray A. Quail M. Thornton E. Doyle (TCD) E. Harris (TCD) L. Swords (TCD)



Patrick Prendergast (TCD), Sheila Greene (TCD), Barry Andrews TD, Mary Finan and James Williams at the launch of the *Growing Up in Ireland Infant Cohort* September 2008.

## COMMISSIONED NATIONAL SURVEY PROJECTS

Project Title	Client/Funding Agency	Status	Researchers
Bi-annual Survey of Investment in Irish Industry	European Commission	Completed	J. Williams D. Watson I. Condrón
Child Health Surveillance Survey	Temple St. Hospital	Completed	D. Watson
Consumer Sentiment Index Plus Supplement on Investment Intentions	IIB Bank	Completed	D. Duffy
Economic and Sports Monitor	Irish Sports Council, KBC Bank	Ongoing	D. Watson P. Lunn D. Duffy
“FÁS/ESRI Occupational Employment Forecasts, 2012”	FÁS	Completed	N. Doyle P. Lunn G. Hughes
Monthly Consumer Survey	European Commission	Completed	D. Watson S. Blackwell
Monthly Industry Survey	European Commission	Completed	D. Watson I. Condrón
Monthly Retail Survey	European Commission	Completed	D. Watson I. Condrón
Monthly Services Sector Survey	European Commission	In progress	D. Watson I. Condrón
Parenting Survey	DIT	In progress	D. Watson C. Cheevers

## COMMISSIONED NATIONAL SURVEY PROJECTS

Project Title	Client/Funding Agency	Status	Researchers
School Curriculum Development	NCCA	Completed	D. Watson E. Smyth
School Leavers' Survey 2007-2008	Department of Education and Science	Completed	D. Watson S. McCoy
SLÁN 06 (Survey of Health and Lifestyles)	Department of Health and Children	In progress	D. Watson S. Blackwell
Survey of Attitudes to Older People (Sample Design)	Amarach Research	Completed	D. Watson
Survey of Conflict Resolution in Firms (with MORI)	Queens University Belfast	Completed	D. Watson
Survey of Prejudice and Tolerance (with Amarach Research)	NUI Maynooth	Completed	D. Watson
Survey of Repairs and Maintenance	Department of Environment and Local Government	Completed	J. Williams D. Watson I. Condon
Wage Determination in Firms	CBFSAI	Completed	D. Watson

## Other Staff Commitments

### A. BARRETT

- (i) Research Fellow, Institute for the Study of Labour (IZA), University of Bonn.
- (ii) Associate Editor, *The Economic and Social Review*.
- (iii) Member, Council, Economic and Social Studies.

### A. BERGIN

- (i) Member EUROFRAME – European Forecasting Network.
- (iii) ESRI Representative, CSO Expert Committee on Population Projections.

### S. BONHAM

- (i) Member of Scientific Committee on EUROPERISTAT project.

### D. BYRNE

- (i) Executive Board Member and Treasurer, Educational Studies Association of Ireland.
- (ii) Reviewer, *Irish Educational Studies*.
- (iii) Reviewer, *Journal of Youth Studies*.

### T. CALLAN

- (i) Research Fellow, Institute for the Study of Labour (IZA), University of Bonn.
- (ii) Member, Projects Committee, Foundation for Fiscal Studies.
- (iii) Chair, EUROMOD User Group.

### M. DARMODY

- (i) Associate Editor (Production): *European Sociological Review*.
- (ii) Referee: *International Journal of Educational Development*.
- (iii) *TRAMES; Comparative Education, Journal of Further and Higher Education; Irish Educational Studies*.

### J. FITZ GERALD

- (i) President of the Irish Economic Association.
- (ii) Member of the Irish Energy Research Council.
- (iii) Member of the Green Enterprise Group.

### R. LAYTE

- (i) Supervisor, Ph.D. candidate in Health Psychology, Royal College of Surgeons in Ireland.
- (ii) Lecturer, MA Course in Applied Social Studies, Trinity College Dublin.
- (iii) Lecturer, M.A. Course in Sociology of Health and Illness, University College Dublin.

### P. LUNN

- (i) Member of FÁS/ESRI Occupational Forecasting Steering Committee.

### S. LYONS

- (i) ESRI representative, Technical Analysis Steering Group on Climate Change and Energy Security.
- (ii) Honorary Secretary, Statistical and Social Inquiry Society of Ireland.

### B. McCARTHY

- (i) Member, Subcommittee on Public/Private Mix in Consultant Contract.
- (ii) Member, Joint Public/Private Mix Measurement Committee.
- (iii) Member, Joint DoHC/HSE Performance Information Group.
- (iv) Member, Performance Information Casemix Sub-Group of the Joint DoHC/HSE Performance Information Group.

### S. McCOY

- (i) Member, Child Development and Education Expert Panel, National Longitudinal Study of Children in Ireland.

- (ii) Member, Editorial Board, *Irish Educational Studies*.
- (iii) Member of Expert Panel on Early School Leaving, Limerick Regeneration Programme.

### F. McGINNITY

- (i) Joint Supervisor of Master's Thesis, Trinity College Dublin.

### E. MORGENROTH

- (i) Trustee, Regional Studies Association.
- (ii) Treasurer, Regional Studies Association, London.
- (iii) Treasurer, Irish Branch, Regional Studies Association.
- (iv) Member of the Industry Advisory Board of the School of Construction, Faculty of the Built Environment at DIT.
- (v) Member, Department of Rural, Community and Gealtacht Affairs, Expert Group on rural economy research.

### D. MURPHY

- (i) Member, World Health Organisation - Update Reference Committee.
- (ii) Member, CSAC – Coding Standards Advisory Committee (National Centre for Classification, Sydney Group).
- (iii) Member, Scientific Committee on GP Morbidity Coding for The Irish College of General Practitioners.
- (iv) Member HIQA Health Information Standards Steering Committee (HISSC).

### P. J. O'CONNELL

- (i) Member, Management Board, and Chair, Research Sub-Committee, the Bridge Project – the Probation and Welfare Service, the Irish Youth Foundation, and City of Dublin VEC.

- (ii) Board Member, European Consortium for Sociological Research.
- (iii) Irish Delegate to the OECD INES Network B.
- (iv) Irish Delegate, OECD Continuous Reporting System on Migration (SOPEMI). Member, Editorial Board, *Youth Studies*.
- (v) Member, Editorial Advisory Board, European Journal of Vocational Training.
- (vi) Member, Council, Economic and Social Studies.

### C. O'DONOVAN

- (i) Member of and consultant trainer for the Association for Clinical Data Management (ACDM).

### J. O'REILLY

- (i) Member, Subcommittee on Public/Private Mix in Consultant Contract.
- (ii) Member, Joint Public/Private Mix Measurement Committee.

### F. RUANE

- (i) Member Editorial Board, *Journal of International and Economic Policy*.
- (ii) Member Editorial Board, *International Review of Economics and Finance*.
- (iii) Research Associate, Institute for International Integration Studies, Trinity College Dublin.
- (iv) Visiting Professor, Department of Economics, Trinity College, Dublin.
- (v) Council Member, The Statistical and Social Inquiry Society of Ireland.
- (vi) Council Member, Economic and Social Studies.
- (vii) Council Member, Foundation for Fiscal Studies.

## Other Staff Commitments

- (viii) Member, Royal Irish Academy Policy Committee.
- (ix) Member, RIA Humanities and Social Sciences Working Group.
- (x) Chairman, Central Statistics Office Audit Committee.
- (xii) Member, Higher Education Authority.
- (xiii) Member, Health Research Board.
- (xiv) Member, Council of Economic Advisors to the First Minister of Scotland.
- (xv) Supervisor, Ph.D., Candidate, Department of Economics, Trinity College, Dublin.
- (xvi) Member IBEC Education Policy Committee.
- (xvii) Member, Projects Committee, Foundation for Fiscal Studies.
- (xviii) Member, Working Group on Foresight Exercise for the Arts, Humanities and Social Sciences.

### H. RUSSELL

- (i) Associate Editor, *The Economic and Social Review*.
- (ii) Member, Research Advisory Panel for the National Centre for Partnership and Performance.
- (iii) Member, Technical Advisory Group, Office for Social Inclusion.

### S. SCOTT

- (i) Member of RIA committee preparing Carbon Capture and Sequestration Conference.
- (ii) Member of COMHAR representing academic and research pillar.

### E. SMYTH

- (i) Co-editor, *Irish Educational Studies*.
- (ii) Committee Member, European Transitions in Youth Network.
- (iii) Examiner, Ph.D., Moray House School of Education, University of Edinburgh.

### I. SIEDSCHLAG

- (i) Chair, Executive Board and Steering Committee, International Research Consortium “Dynamic Regions in a Knowledge-Driven Global Economy”.
- (ii) Chair, Steering Committee, International Research Consortium “Knowledge Economy, Economic Transformations and ICT in the EU25+”.
- (iii) Member, International Expert Group “European Research Area and the Knowledge-Based Economy”, European Commission.
- (iv) Member, Steering Committee, European Network of Economic Policy Research Institutes (ENEPRI).
- (v) Member, ESRI Representative, The European Money and Finance Forum (SUERF).
- (vi) Co-supervisor, Ph.D. Candidate, Department of Economics, Trinity College, Dublin.
- (vii) External Examiner, Ph.D, Faculty of Economic Sciences, Poitiers, France.
- (viii) Member, Scientific Committee, EUROFRAME 5th International Conference “Ten Years of a Common Currency: Achievements and Policy Challenges in the Euro Area”.
- (ix) Member, Scientific Committee, Irish Economics Association Annual Conference.

- (x) Scientific Leader and Organiser, International Conference, “Dynamic Regions in a Knowledge-Driven Global Economy”.
  - (xi) Scientific Leader and Co-organiser, International Workshop, “Internationalisation of Production and Firm Performance”.
  - (xii) Scientific Leader and Co-organiser, International Workshop, “The Role of Public Policies in Fostering Innovation and Growth”.
  - (xiii) Scientific Leader and Co-organiser, International Workshop, “Consequences of Dynamic Growth and Shifting Comparative Advantages on Trade, Income and Convergence Patterns”.
  - (xiv) Scientific Leader and Organiser, International Policy Dialogue Meeting, “Making the Best of Globalisation”.
  - (xv) Scientific Leader, Policy Dialogue Meetings, International Consortium, “Strengthening the Role that Socio-Economic Sciences and Humanities Have on the European Research Area Development”.
  - (xvi) Scientific Leader, Policy Briefs, International Consortium, “Strengthening the Role that Socio-Economic Sciences and Humanities Have on the European Research Area Development”.
  - (xvii) Guest Editor, *International Journal of Public Policy*.
- R. S. J. TOL**
- (i) Professor of the Economics of Climate Change, Institute for Environmental Studies, Vrije University, Amsterdam, The Netherlands.
  - (ii) Professor of the Economics of Climate Change, Department of Spatial Economics, Vrije University, Amsterdam, The Netherlands.
  - (iii) Editor, *Energy Economics*.
  - (iv) Associate Editor, *Economics the e-journal*
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  - (vi) Member, Editorial Board, *Integrated Assessment*.
  - (vii) Member, Editorial Board, *Environmental Science and Policy*.
  - (viii) Member, Scientific Advisory Board, COSMOS Project.
  - (ix) Member, Scientific Advisory Board, EpoBio Project.
  - (x) Member, Expert Panel on Climate Change Economics, US Government Accountability Office.
  - (xi) Member, Advisory Board, Global Trade Analysis Project.
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- (xvi) Examiner, Habilitation Candidate, Department of Economic Sciences, Hamburg University, Hamburg, Germany.
- (xvii) Examiner, Ph.D. Candidate, Department of GeoSciences, Hamburg University, Hamburg, Germany.
- (xviii) External Examiner, Ph.D. Candidate, School of the Environment and Natural Resources, Bangor University, Bangor.

### **D. WATSON**

- (i) Member, Advisory Group, SLÁN 2007 Survey of Health Lifestyles.
- (ii) Member, CSO Advisory Group for Census 2011.
- (iii) Member, Office for Social Inclusion, Technical Advisory Group.
- (iv) Member, National Disability Authority Advisory Group on National Survey of Abuse of People with Disabilities.
- (v) Member, National Crime Council.

### **B. J. WHELAN**

- (i) Research Director, The Irish Longitudinal Study on Ageing (TILDA).
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- (iv) Member of the Editorial Board of *Longitudinal and Life Course Studies*.
- (v) Chair, Governing Council of EC Network of Excellence on Economic Change, Quality of Life and Social Cohesion (EQUALSOC).

### **M. M. WILEY**

- (i) Member, Advisory Group, Office of the Comptroller and Auditor General.
- (ii) Member, Performance Related Awards Committee, Department of Health and Children.
- (iii) Member, Scientific Committee, Patient Classification Systems/International.
- (iv) Member, Steering Group, Cost of Stroke In Ireland.
- (v) Member, HSE/DoH&C Joint Performance Information Group.
- (vi) Member, Health Information Standards Steering Committee (HIQA).
- (vii) Member, Subcommittee on Public/Private Mix in Consultant Contract (HSE).
- (viii) Member, Advisory Group for Nurse Forecasting: Resource Planning in Nursing (FP7).
- (ix) Member, Advisory Group EuroDRG – Diagnosis-Related Groups in Europe: towards Efficiency and Quality (FP7).

### **J. WILLIAMS**

- (i) Member, Advisory Panel of Experts, Lifestart Foundation, Queens University Belfast.



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