



THE ECONOMIC AND SOCIAL RESEARCH INSTITUTE



REVIEW OF RESEARCH

2007



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.

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Mary Finan (Chairman), Brian Cowen TD (Minister for Finance) and Frances Ruane (Director) at the official opening of the Institute's new building



Brian Goggin (Bank of Ireland), TK Whitaker (Founding Member) and Sean Cromien (Former Secretary General of the Department of Finance)

Since its foundation in 1960, the ESRI has played a key role in providing evidence to inform economic and social decision-making and policy debates in Ireland. Through its research publications and interactions with the policy community and wider society, it 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 2007, when the Institute settled into its new location in the South Docklands, after thirty-five years at Burlington Road. The Tánaiste and Minister for Finance, Mr Brian Cowen TD, presided at the formal opening of the new building on 13 September 2007. This event was attended by a large gathering of ESRI stakeholders. Also present was Dr T. K. Whitaker, who together with the late Dr R. C. Geary played a key role in founding the Institute in 1960.

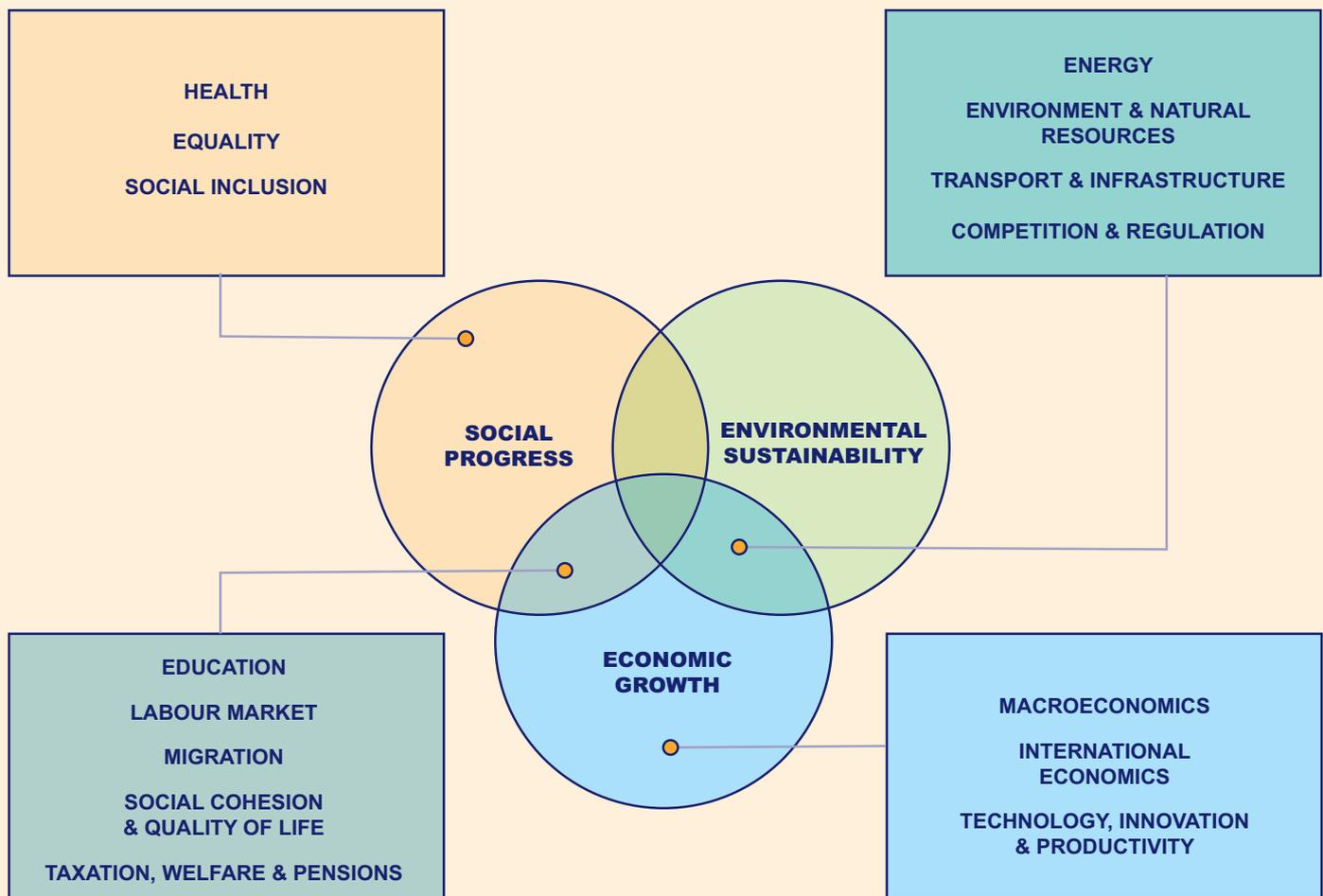
2007 saw the publication by ESRI researchers of 87 journal articles and book chapters, 45 working papers, 27 books and monographs (published by ESRI and other agencies), and 4 economic commentaries. The books included *Best of Times? The Social Impact of the Celtic Tiger*, a multi-authored study of social change during the past decade, written by the Institute's sociologists in conjunction with sociologists from the National University of Ireland Maynooth and University College Dublin. The book was launched by An Taoiseach, Bertie Ahern, on 28 June 2007. The annual Geary Lecture was given by Professor Michael Marmot on December 3. The title of the lecture was *Health in an Unequal World: A Matter of Social Justice*, and the attendance included a mixed audience of health researchers, health professionals and policymakers.

During 2007, the Institute prepared its **ESRI Strategic Plan 2008-2013: Research for a Changing Ireland**. This document, which may be

downloaded from www.esri.ie, identifies the Institute's core direction over the coming six years. It established four domains in which the ESRI's research can be categorised and the fifteen research programme areas associated with those domains. This Review summarises the Institute's research activities in each of these domains so that the reader can readily identify the relevant research of interest. To ensure that the coverage for each research programme area is complete, we duplicate some entries, where the research overlaps different research areas.

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. This Review identifies the key sources of programme research funding in 2007 – they include major programmes and projects for government departments and agencies, as well as EU, international and Irish research grants. Research in 2008 sees enhanced activity in the Energy, Environment and Regulation areas, reflecting additional sources of funding from both the public and private sectors for research programmes in these areas. Identifying resources to support research agendas in health, education, demography and migration are key priorities for the Institute. In addition to funding considerations, the availability of survey data from the National Longitudinal Study of Children in Ireland and increased access to Central Statistics Office data will inevitably frame research in the Institute over the coming years. As the ESRI faces its 50th Anniversary in 2010 and the Irish economy and society generate new challenges for evidence-based research, the potential for the Institute to contribute to the economic and social research agendas in Ireland has never been greater.

Frances Ruane
Director
September 2008



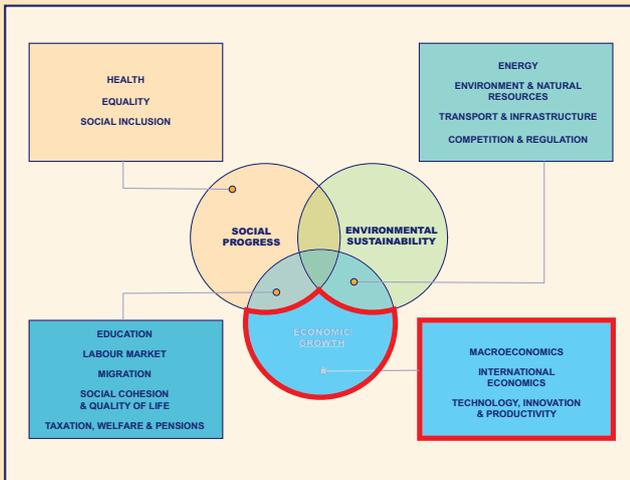
RESEARCH AREAS

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 2007.

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

Current research covers three broad areas:

- Structural change.
- Macroeconomics of the labour market.
- Factors driving long-term change.

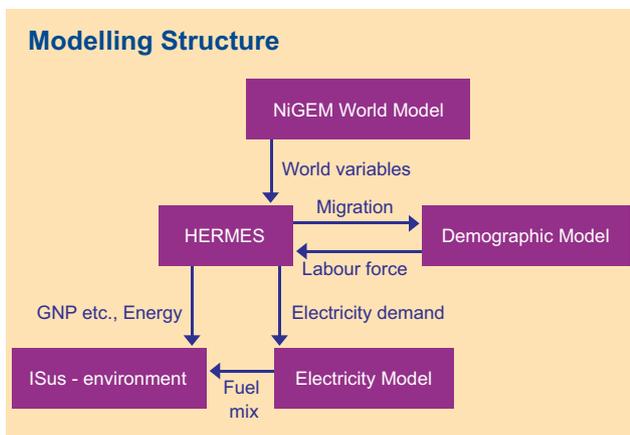
The organising framework for most of this research on the Irish economy is a series of macroeconomic models.

Because of Ireland’s openness to the outside world, this research also considers how external factors, especially in the wider EU context, affect the Irish economy.

Continuing research in this area, which includes development of the Institute’s macro model, *HERMES* is funded primarily by the **Department of Finance**.

Over the course of 2007 two reports were published by the ESRI as part of the *European Forecasting Network* (EFN). The first of these analysed the effects of different adjustment paths for the US economy. The results of this work suggested that an internal adjustment process through, for example, a decline in the housing market, would have less damaging consequences for the EU and the Irish economy than one where adjustment was forced by a major decline in the dollar. In the EFN Autumn report the potential consequences for the EU economy of financial stability were addressed. These reports fed into the ongoing research underlying the ESRI’s *Quarterly Economic Commentary*, and preparation for the next *Medium-Term Review*, due for publication in 2008.

The year also saw the publication of papers exploring the role of the labour market in driving change within the economy, for example, through migration and through investment in human capital. A second set of papers considered the progress of EMU, its effects on Ireland, and the implications of this research for both Ireland and the rest of the EU.



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, and Iulia Siedschlag.

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
Current Trends in the Irish Economy; Quarterly Economic Commentary	Grant in Aid	In progress	A. Barrett I. Kearney Y. McCarthy
European Forecasting Network	European Commission	Completed	A. Barrett J. Fitz Gerald A. Bergin I. Siedschlag
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 Y. McCarthy
Quantifying Public Service Provision 2006 to 2022	Institute for Public Administration (IPA)	Completed	A. Barrett A. Bergin Y. McCarthy
Regional House Price Indices for Ireland	permanent tsb	In progress	D. Duffy

MACROECONOMICS (continued)

Journal Articles and Chapters in Books

“An Environmental Input-Output Model for Ireland”, *The Economic and Social Review*, Vol. 38, No. 2, Summer/Autumn 2007, Joe O’Doherty, **Richard S. J. Tol**.

“Building for the Future? Interpreting an ‘Irish’ Current Account Deficit”, special article in *Quarterly Economic Commentary*, Winter 2007, **Martin O’Brien**.

“Human Capital Accumulation in an Open Labour Market: Ireland in the 1990s”, *Economic Modelling*, **Adele Bergin** and **Ide Kearney**, 2007.

“Irish Manufacturing Export Dynamics: Evidence of Exporter Heterogeneity in Boom and Slump Periods”, *Review of World Economics*, Vol. 143, No. 2, 2007, Anne Marie Gleeson, **Frances Ruane**.

“Macroeconomic Adjustment in Ireland under the EMU”, special article in *Quarterly Economic Commentary*, Spring 2007, **Iulia Siedschlag**.

“Macroeconomic Convergence in the New EU Member States”, *Revue Bancaire et Financière*, 2007, 5, **Iulia Siedschlag**.

“The Housing Boom” in T. Fahey, **H. Russell** and **Christopher T. Whelan** (eds.), The Institute of Public Administration, *Best of Times? The Social Impact of the Celtic Tiger*, Tony Fahey, **David Duffy**.

“Trends in the Regional Economic Activity of Ireland: The Role of Productivity”, Ciaran Aylward and Ronnie O’Toole (eds.), *Perspectives on Irish Productivity: A Selection of Essays by Irish and International Economists*, **Edgar Morgenroth**.

“Why the New EU Member States should Adopt the Euro as Soon as Possible”, *Eurointelligence: Comment and Analysis*, 2007, June, **Iulia Siedschlag**.

Reports and Other Publications

Budget Perspectives 2008, ESRI Books and Monographs No.199, **Tim Callan** (ed.).

Competing in a Globalised World – An Economic Development Strategy for Kildare, Kildare County Council, **Edgar Morgenroth**.

Economic Assessment of the Euro Area: Forecasts and Policy Analysis, Spring 2007, ESRI Survey and Statistical Report Series, **Alan Barrett**, **Adele Bergin**, **John Fitz Gerald**.

Economic Assessment of the Euro Area: Forecasts and Policy Analysis, Autumn Report, 2007, ESRI Survey and Statistical Report Series, **John Fitz Gerald**, **Alan Barrett**, **Adele Bergin**.

EU Enlargement and Migration: Assessing the Macroeconomic Impacts, NIESR Discussion Paper No. 292, Ray Barrell, **John Fitz Gerald**, Rebecca Riley.

Quarterly Economic Commentary, Spring 2007, ESRI Macroeconomic Forecasting Series, **Alan Barrett**, **Ide Kearney**, Yvonne McCarthy.

Quarterly Economic Commentary, Summer 2007, ESRI Macroeconomic Forecasting Series, **Alan Barrett**, **Ide Kearney**, **Martin O’Brien**.

Quarterly Economic Commentary, Autumn 2007, ESRI Macroeconomic Forecasting Series, **Alan Barrett**, **Ide Kearney**, **Martin O’Brien**.

Quarterly Economic Commentary, Winter 2007, ESRI Macroeconomic Forecasting Series, **Alan Barrett**, **Ide Kearney**, **Martin O’Brien**.

The Impact of European Integration and Enlargement on Regional Structural Change and Cohesion, EU Research on Social Sciences and Humanities, EUR 22370, **Iulia Siedschlag** Ruediger Soltwedel, Laura Resmini, **Edgar Morgenroth**, George Petrakos, Andras Inotai, Stoyan Totev.

MACROECONOMICS (continued)

ESRI Working Papers

“An Environmental Input-Output Model for Ireland”, Working Paper No. 178, Joe O’Doherty, **Richard S. J. Tol**.

“Centres of Research Excellence in Economics in the Republic of Ireland”, Working Paper No. 180, **Frances Ruane, Richard S. J. Tol**.

“Climate Policy Versus Development Aid”, Working Paper No. 221, **Richard S. J. Tol**.

“Convergence of Consumption Patterns During Macroeconomic Transition: A Model of Demand in Ireland and the OECD”, Working Paper No. 205, **Seán Lyons, Karen Mayor, Richard S. J. Tol**.

“EU Enlargement and Migration: Assessing the Macroeconomic Impacts”, Working Paper No. 203, Ray Barrell, **John Fitz Gerald**, Rebecca Riley.

“Exports and Productivity – Comparable Evidence for 14 Countries”, Working Paper No. 220, The International Study Group on Exports and Productivity, **Stefanie Haller, Frances Ruane**.

“Heterogeneous Exporter Behaviour: Exploring the Evidence for Sunk-Costs and Hysteresis”, Working Paper No. 196, Anne Marie Gleeson, **Frances Ruane**.

“Real Interest Parity in the EU and the Consequences for Euro Area Membership: Panel Data Evidence, 1979-2005”, Working Paper No. 183, **Martin O’Brien**.

“The Effects of Human Capital on Output Growth in ICT Industries: Evidence from OECD Countries”, Working Paper No. 184, **Gavin Murphy, Iulia Siedschlag**.

“The Housing Tenure of Immigrants in Ireland: Some Preliminary Analysis”, Working Paper No. 188, **David Duffy**.

“The Regional Dimension of Taxes and Public Expenditure in Ireland”, Working Paper No. 195, **Edgar Morgenroth**.

Papers Read to Conferences and Learned Societies

“An Early Assessment of the National Development Plan”, National Infrastructure Summit. Dublin. March. **Edgar Morgenroth**.

“Exploring Recent Patterns of Regional Migration in Ireland”, Regional Studies Association Glasgow. September. **Edgar Morgenroth**.

“Facilitating Integrated Regional Development at the Regional Level”, Mid-West Regional Assembly Annual Conference. Adare. February. **Edgar Morgenroth**.

“Integration of Environmental Data into Macroeconomic Models”, Comhar Sustainable Development Council. November. **Seán Lyons**.

ESRI Seminars

“Assessing the Role of Income and Interest Rates in Determining House Prices”, Kieran McQuinn (Central Bank of Ireland).

“Who is Paying for Regional Balance in Ireland?”, The Construction and Analysis of Regional Government Accounts”. **Edgar Morgenroth**.



Martin O'Brien and Dr Alan Barrett at a *Quarterly Economic Commentary* Launch

INTERNATIONAL ECONOMICS

This research programme focuses on the analysis of key factors, economic effects and policies of international and European integration. It covers three main areas: International Macroeconomics, International Trade and Investment, and International Finance with current research on:-

- Macroeconomic adjustment in the European Economic and Monetary Union (EMU) and the enlargement of the Euro Area.
- International transmission of business cycles.
- Factors and policies underlying economic growth and competitiveness in the context of increased global interdependencies, and current account adjustment.
- Macroeconomic effects of international migration.
- Enterprise activity and multinational foreign direct investment.

In 2007, this research programme comprised three different thematic areas:

(a) European Economic and Monetary Union (EMU): Research papers published analysed the macroeconomic effects of the single currency on the Irish economy, the enlargement of the Euro Area, macroeconomic convergence in the new EU member states, and the role of EMU in explaining the current-account deficit in Ireland. The analysis on macroeconomic adjustment in Ireland under the EMU identifies four major challenges to the Irish economy in the future (a) maintaining a high potential growth; (b) restoring competitiveness; (c) managing potential risks to macroeconomic and financial stability from the housing market; (d) adjusting to shocks originating outside the Euro Area.

(b) Economic Growth in Open Economies:

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**.

Research on advanced open economies showed that output growth in ICT industries was significantly faster in countries with higher human-capital stock and higher human-capital improvement. Research on Ireland showed that firms were more successful in adopting and using ICT when they had more skilled workers, operated in ICT-producing and ICT-using industries, and were located in the Greater Dublin Area. Other research found that immigration and trade are complements, with the extent depending on the size of the existing immigrant community and of their region of origin.

(c) Capital Flows and Financial Market

Integration: This research is funded by the **Asian Development Bank Institute**, with the objective of developing a policy framework for managing capital flows in Asian countries. Research in 2007 explored the experience of capital-account liberalisation and policy responses to large capital inflows in the new EU member states. Specifically, the focus was on the pace and sequencing of capital account liberalisation and the degree of financial integration over the past decade; trends and patterns of capital inflows in these countries in recent years; macroeconomic implications and policy challenges of coping with large capital inflows.

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.

Project Title	Client/Funding Agency	Status	Researchers
Dynamic Regions in a Knowledge-Driven Global Economy: Lessons and Policy Implications for the EU (DYNREG)	European Commission FP6	In progress	I. Siedschlag J. Fitz Gerald E. Morgenroth G. Murphy S. Haller M. O'Brien
Exploring Links Between Indigenous and Foreign Industry in Ireland	Enterprise Ireland	In progress	F. Ruane S. Haller
Investigations into North-South Trade Statistics	Innovation Lab Ltd.	In progress	E. Morgenroth
Turning Globalisation to National Advantage: Economic Policy Lessons for Ireland	IRCHSS	In progress	J. Fitz Gerald I. Siedschlag S. Haller

Journal Articles and Chapters in Books

"Assessing the Impact of Marketing Assistance on the Export Performance of Northern Ireland SMEs", *International Review of Applied Economics*, 2007 Vol. 21, Issue 3, Karen Bonner, **Seamus McGuinness**.

"Building for the Future? Interpreting an 'Irish' Current Account Deficit", special article in *Quarterly Economic Commentary*, Winter 2007, **Martin O'Brien**.

"Irish Manufacturing Export Dynamics: Evidence of Exporter Heterogeneity in Boom and Slump Periods", *Review of World Economics*, Vol. 143, No. 2, 2007, Anne Marie Gleeson, **Frances Ruane**.

"Macroeconomic Adjustment in Ireland under the EMU", special article in *Quarterly Economic Commentary*, Spring 2007, **Iulia Siedschlag**.

"Macroeconomic Convergence in the New EU Member States", *Revue Bancaire et Financière*, 2007, 5, **Iulia Siedschlag**.

"Why the New EU Member States should Adopt the Euro as Soon as Possible", *Eurointelligence: Comment and Analysis*, 2006 June, **Iulia Siedschlag**.

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Economic Assessment of the Euro Area: Forecasts and Policy Analysis, Spring Report 2007, ESRI Survey and Statistical Report Series, **Alan Barrett, Adele Bergin, John Fitz Gerald**.

INTERNATIONAL ECONOMICS (continued)

Economic Assessment of the Euro Area: Forecasts and Policy Analysis, Autumn Report 2007, ESRI Survey and Statistical Report Series, **John Fitz Gerald, Alan Barrett, Adele Bergin**.

“EU Enlargement and Migration: Assessing the Macroeconomic Impacts”, NIESR Discussion Paper No. 292, Ray Barrell, **John Fitz Gerald**, Rebecca Riley.

The Impact of European Integration and Enlargement on Regional Structural Change and Cohesion, EU Research on Social Sciences and Humanities – EUR 22370, European Commission, Directorate General for Research, **Iulia Siedschlag**, Ruediger Soltwedel, Laura Resmini, **Edgar Morgenroth**, George Petrakos, Andras Inotai, Stoyan Totev.

Who Exports? A Firm-Level Study of the Characteristics of Exporters and the Determinants of Export Performance for Northern Ireland and the Republic of Ireland, ERINI Monographs 11, Karen Bonner, Michael Anyadike-Danes, **Stefanie Haller**, Eoin O'Malley.

ESRI Working Papers

“EU Enlargement and Migration: Assessing the Macroeconomic Impacts”, Working Paper No. 203, Ray Barrell, **John Fitz Gerald**, Rebecca Riley.

“Exports and Productivity – Comparable Evidence for 14 Countries”, Working Paper No. 220, The International Study Group on Exports and Productivity, **Stefanie Haller, Frances Ruane**.

“Heterogeneous Exporter Behaviour: Exploring the Evidence for Sunk-Costs and Hysteresis”, Working Paper No. 196, Anne Marie Gleeson, **Frances Ruane**.

“Real Interest Parity in the EU and the Consequences for Euro Area Membership: Panel

Data Evidence, 1979-2005”, Working Paper No. 183, **Martin O'Brien**.

“Where do MNEs Expand Production: Location Choices of the Pharmaceutical Industry in Europe after 1992”, Working Paper No. 211, **Frances Ruane**, Xiaoheng Zhang.

Papers Read to Conferences and Learned Societies

22nd Annual Congress of the European Economic Association “The Effects of Human Capital on ICT Industries Growth: Empirical Evidence from OECD Countries”, European Economic Association, Budapest, August. **Iulia Siedschlag**.

“Business Cycle Synchronisation in the Enlarged EMU”, Invited Research Seminar, University of Antwerp. May. **Iulia Siedschlag**.

European Association for the Research in Industrial Economics (EARIE): “The Effects of Human Capital on Output Growth in ICT industries: Evidence from OECD Countries”, Valencia. September. **Gavin Murphy**.

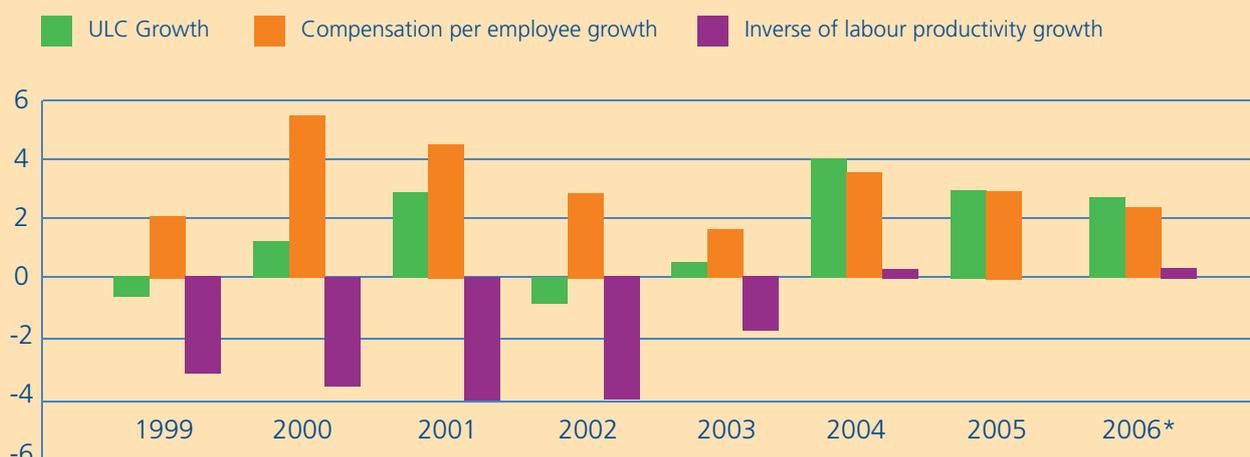
International Conference: ‘The Impact of FDI on Growth and Employment in the New EU Member States’: “*Is FDI into China Crowding out FDI into the European Union.*” University “Babes Bolyai”, Cluj-Napoca, October. **Iulia Siedschlag**.

International Symposium: ‘The Enlargement of the Euro Area’, “Macroeconomic Convergence in the New EU Member States”, The European Money and Finance Forum and the National Bank of Belgium, Antwerp. May. **Iulia Siedschlag**.

International Experts Workshop: ‘The Knowledge Economy, Economic Transformations and ICT in the EU25+’, “The Impact and Determinants of ICT Adoption at Regional Level. *Theoretical and Methodological Framework*”, European

INTERNATIONAL ECONOMICS (continued)

Unit Labour Costs Growth (ULC) and their Components in Ireland: Deviations from the Euro Area Average (percentage points)



* Estimates of November 2006

Source: Siedschlag, *Quarterly Economic Commentary*, Spring 2007

Commission, DG Joint Research Centre, Institute for Prospective Technological Studies, Seville. February. **Iulia Siedschlag**.

International Workshop: 'Analysis and Modelling of Regional Development. Institutional Innovation, Entrepreneurial Culture and Business Leadership': "The Effects of Human Capital on ICT Industries Growth: Empirical Evidence from OECD Countries", Tinbergen Institute, Amsterdam, June. **Iulia Siedschlag**.

International Workshop: 'Managing Capital Flows: Search for a Model': "Managing Capital Flows: The Experience of the New EU Member States", Asian Development Bank Institute, Tokyo, December. **Iulia Siedschlag**.

Irish Economics Association: "The Effects of Human Capital on Output Growth in ICT Industries: Evidence from OECD Countries", Bunclody. April. **Gavin Murphy and Iulia Siedschlag**.

ESRI Seminars

"Firm Export Dynamics and the Geography of Trade", Dr. Martina Lawless (Central Bank of Ireland).

"International Services Outsourcing and Innovation: An Empirical Investigation", Dr. Hoeger Görg (University of Nottingham).

TECHNOLOGY, INNOVATION AND PRODUCTIVITY

This research programme addresses the diffusion of new technologies, innovation, productivity and competitiveness.

Current research is on:

- Human capital and output growth in Information and Communication Technologies (ICT) industries.
- Determinants of ICT diffusion at country, industry and enterprise levels.
- ICT diffusion and the demand for skills.
- Foreign Direct Investment (FDI), technology intensity and productivity spillovers.
- Evaluation of centres of excellence.

This research programme focused on three themes in 2007:

(a) The Economic Impact of 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 2007 highlighted the key aspects of ICT as a general-purpose technology, discussed the economic impacts of ICT diffusion from macro and micro perspectives, and examined the spatial consequences of ICT diffusion. The concepts of regional innovation systems and globalisation were used to propose an organising framework for the analysis.

The complex and highly nonlinear set of relationships between the various aspects of ICT, the many elements of the innovation

system and the innovative capacity of a regional economy facing the competitive pressures of globalisation represents a major challenge for policy at the regional, national and European level.

(b) Exporting and Productivity: 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**. The research shows that exporter premia vary across countries, being larger in countries with a higher degree of openness and more effective institutions. This research is linked to a plant-level study of globalisation through exports and sales to local multinationals being funded by **Enterprise Ireland**.

(c) Assessment of Research Excellence: With the current emphasis on the knowledge-based economy, it is important to be able to identify research leaders. Using a mix of existing and new measures of excellence in research and research supervision, several papers assessed the quality of economic research in Ireland and abroad.

TECHNOLOGY, INNOVATION AND PRODUCTIVITY (continued)

Programme Coordinator: Iulia Siedschlag

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

Project Title	Client/Funding Agency	Status	Researchers
Globalisation and Exporter Productivity in Developed Open Economies	IRCHSS	In progress	F. Ruane S. Haller A. M. Gleeson (WIT)
Knowledge Economy, Economic Transformations and ICT in the EU25+: Regional Dynamics in the Deployment Phase	European Commission	In progress	I. Siedschlag J. Fitz Gerald G. Murphy S. Haller

Journal Articles and Chapters in Books

“Assessing the Impact of Marketing Assistance on the Export Performance of Northern Ireland SMEs”, *International Review of Applied Economics*, 2007, Vol. 21, Issue 3, Karen Bonner, **Seamus McGuinness**.

“Assessing the Impact of Skill Shortages on the Productivity Performance of High-tech Firms in Northern Ireland”, *Applied Economics*, 2007, Jessica Bennett, **Seamus McGuinness**.

“Centres of Research Excellence in Economics in the Republic of Ireland”, *The Economic and Social Review*, Vol. 38, No. 3, Winter 2007, **Frances Ruane, Richard S. J. Tol**.

“Irish Manufacturing Export Dynamics: Evidence of Exporter Heterogeneity in Boom and Slump Periods”, *Review of World Economics*, Vol. 143, No. 2, 2007, Anne Marie Gleeson, **Frances Ruane**.

“The Distribution of Productivity in Irish Manufacturing, 1995-2003” in Ciaran Aylward and Ronnie O’Toole (eds.), *Perspectives on Irish Productivity: A Selection of Essays by Irish and International Economists*, **Stefanie Haller**.

“Trends in the Regional Economic Activity of Ireland: The Role of Productivity” in Ciaran Aylward and Ronnie O’Toole (eds.), *Perspectives on Irish Productivity: A Selection of Essays by Irish and International Economists*, **Edgar Morgenroth**.

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Who Exports? A Firm-Level Study of the Characteristics of Exporters and the Determinants of Export Performance for Northern Ireland and the Republic of Ireland, ERINI Monographs 11, Karen Bonner, Michael Anyadike-Danes, **Stefanie Haller**, Eoin O’Malley.

ESRI Working Papers

“Can Small Firms’ Perceived Constraints Help Explain Survival Rates?”, Working Paper No. 182, **Seán Lyons**.

“Centres of Research Excellence in Economics in the Republic of Ireland”, Working Paper No. 180, **Frances Ruane, Richard S. J. Tol**.

TECHNOLOGY, INNOVATION AND PRODUCTIVITY (continued)

"Determinants of ICT Adoption: Evidence from Firm-Level Data", Working Paper No. 204, **Stefanie Haller, Iulia Siedschlag**.

"Exports and Productivity – Comparable Evidence for 14 Countries", Working Paper No. 220, The International Study Group on Exports and Productivity, **Stefanie Haller, Frances Ruane**.

"Heterogeneous Exporter Behaviour: Exploring the Evidence for Sunk-Costs and Hysteresis", Working Paper No. 196, Anne Marie Gleeson, **Frances Ruane**.

"The Effects of Human Capital on Output Growth in ICT Industries: Evidence from OECD Countries", Working Paper No. 184, **Gavin Murphy, Iulia Siedschlag**.

"Where do MNEs Expand Production: Location Choices of the Pharmaceutical Industry in Europe after 1992", Working Paper No. 211, **Frances Ruane, Xiaoheng Zhang**.

Papers Read to Conferences and Learned Societies

"The Contribution of Foreign Entrants to Employment and Productivity Growth", *European Trade Study Group Conference 2007*, September, **Stefanie Haller**.

"The Effects of Human Capital on ICT Industries Growth; Empirical Evidence from OECD Countries", Conference on *Towards a Knowledge Society: Is Knowledge a Public Good? Dynamics of Knowledge Production and Distribution*, Bern, **Gavin Murphy**.

"The Impact and Determinants of ICT Adoption at Regional Level. Theoretical and Methodological Framework", Workshop on *The Knowledge Economy, Economic Transformations and ICT in EU25+*. European Commission, DG Joint Research Centre, Institute for Prospective Technological Studies, Seville February, **Iulia Siedschlag**.

"Can Small Firms' Perceived Constraints Help Explain Survival Rates?", *Irish Economic Association Annual Conference*, April. **Seán Lyons**.

"Changes in the Distribution of Productivity in Irish Manufacturing Between 1995 and 2004", *Irish Economic Association Annual Conference*, April. **Stefanie Haller**.

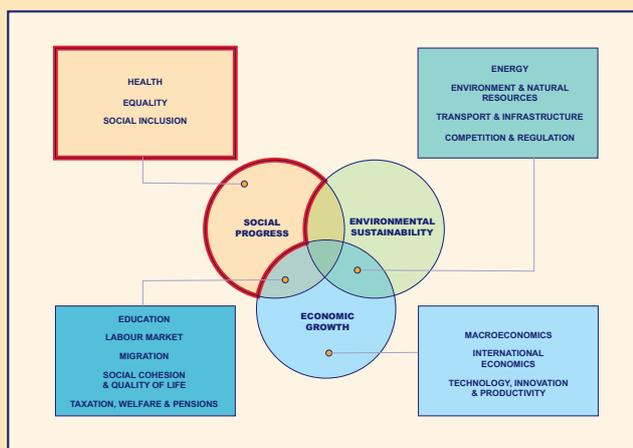
"The Effects of Human Capital on ICT Output Growth; Empirical Evidence from OECD Countries", Seminar *Emerging Innovation Issues in Finland and Ireland*, Dublin, February, **Gavin Murphy**.

ESRI Seminars

"Irreversibility, Endogenous Sunk Costs, 'News' and Evolutionary Economic Methodology", Professor Robert F. Owen (University of Nantes).

"The Innovation Value Chain", Professor Stephen Roper (Aston University).

Social Progress



There are three programmes of research under Social Progress:

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

HEALTH

The Health research programme builds on the ESRI's high-quality databases. Current research covers a range of issues including:

The implications of demographic change for health service demand.

- Equity in the use of health care.
- GP services on the island of Ireland.
- The public/private mix in acute hospitals.
- Cross boundary flows for acute hospital services.
- The determinants and impact of health behaviours.

In 2007 two major projects on health status and use of health care came to fruition. First to finish was the programme of research on *The Provision and Use of Health Services, Health Inequalities and Health and Social Gain*. The programme, funded by the **Health Research Board (HRB)**, culminated in a one-day conference for researchers and policymakers and the production of a book of conference proceedings. The second programme to be finished was the study of poverty, health and use of primary care funded by the **Combat Poverty Agency**, and its results were published in June in *Poor Prescriptions: Poverty and Access to Community Health Services*. Research on health and lifestyle also developed in 2007 with the commencement of the fieldwork for the National Health and Lifestyle Survey (SLÁN).

In collaboration with **Trinity College**, a **HRB**-funded study on *The Impact of Demographic Change on Demand for and Delivery of Health Services in Ireland 2006-2021* got underway. This study includes an analysis of how population-driven trends may be expected to impact on demand for health services in Ireland up to 2020.

HEALTH (continued)

Programme Coordinators: Richard Layte and Miriam Wiley

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

Project Title	Client/Funding Agency	Status	Researchers
Ageing, Health Status and Determinants of Health Expenditure (AHEAD)	European Commission	Completed	R. Layte B. Nolan (UCD) A. Nolan
Analysing the Impact of Health System Change in the EU Member States	European Commission	Completed	M.M. Wiley
EURO-PERISTAT Project	European Commission	In progress	S. Bonham
Healthy Ageing	Health Research Board	Completed	T. Fahey (UCD) R. Layte
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
Poverty, Health Status and Access to GPs and Related Services in Ireland	Combat Poverty Agency	Completed	R. Layte A. Nolan B. Nolan (UCD)

Social Progress

HEALTH (continued)

Project Title	Client/Funding Agency	Status	Researchers
Provision and Use of Health Services, Health Inequalities and Health and Social Gain	Health Research Board	Completed	R. Layte A. Nolan B. Nolan (UCD) D. Madden (UCD) C. Finn (UCD) P. McGregor (UU) C. O'Neill (QUB) B. Gannon (NUIG) S. Smith (TCD)
The Impact of Demographic Change on Demand for and Delivery of Health Services	Health Research Board	In progress	R. Layte M. Wiley J. O'Reilly E. Morgenroth C. Normand (TCD) S. Thomas (TCD) K. Bennett (TCD) M. Wren

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. Dunn 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 N. Wall E. White
National Perinatal Reporting Scheme (NPRS)	Health Services Executive	In progress	S. Bonham B. Clyne C. Glennon I. Nowacka

HEALTH (continued)

Journal Articles and Chapters in Books

“A Dynamic Analysis of GP Visiting In Ireland: 1995-2001”, *Health Economics*, Vol. 16, No. 2, February 2007, **Anne Nolan**.

“Does Ambivalence about Becoming Pregnant Explain Social Class Differentials in Use of Contraception?”. *The European Journal of Public Health*, Vol. 17, No. 5, 2007, **Richard Layte**, Hannah McGee, Kay Rundle, Collette Leigh.

“Equity in the Use of Health Care in Ireland?” in Brian Nolan (ed.), ESRI Books and Monographs No. 196, *The Provision and Use of Health Services, Health Inequalities and Health and Social Gain*, **Richard Layte**.

“Equity in the Utilisation of Hospital Inpatient Services in Ireland? An Improved Approach to the Measurement of Health Need”, *The Economic and Social Review*, Vol 38, No. 2, Summer/Autumn 2007, **Richard Layte**.

“Health and Health Care” in T. Fahey, H. Russell and C. T. Whelan (eds.), *Best of Times? The Social Impact of the Celtic Tiger*, **Richard Layte, Anne Nolan**, Brian Nolan. The Institute of Public Administration.

“Infectious Disease, Development, and Climate Change: A Scenario Analysis”, *Environment and Development Economics*, Vol. 12, Issue 5, October 2007, **Richard S. J. Tol**, Kristie L. Ebi, Gary W. Yohe.

“Income, Medical Card Eligibility and Access to GP Services in Ireland” in Brian Nolan (ed.), ESRI Books and Monographs No.196, *The Provision and Use of Health Services, Health Inequalities and Health and Social Gain*, **Anne Nolan**, Brian Nolan.

“Primary Care: the Key to Health Care Reform”, *Public Affairs Ireland Journal*, Issue No. 43, November 2007, **Richard Layte**.

“The Economics of GP Utilisation”, in Brian Nolan (ed.), ESRI Books and Monographs No.196, *The Provision and Use of Health Services, Health Inequalities and Health and Social Gain*, **Anne Nolan**.

“The Financing and Delivery of GP Services in Ireland”, Brian Nolan (ed.), ESRI Books and Monographs No. 196, *The Provision and Use of Health Services, Health Inequalities and Health and Social Gain*, **Anne Nolan**.

“The Utilisation of GP Services” in Brian Nolan (ed.), ESRI Books and Monographs No. 196, *The Provision and Use of Health Services, Health Inequalities and Health and Social Gain*, **Anne Nolan**, Brian Nolan.



Professor Sir Michael Marmot (UCL) and Frances Ruane (Director) at the thirty-eighth Geary Lecture *Health in an Unequal World: A Matter of Social Justice*.

Reports & Other Publications

A Social Portrait of Children in Ireland, Allison Dunne, Tony Fahey, **Bertrand Maître**, Brian Nolan, **Emer Smyth, Christopher T. Whelan**. The Stationery Office.

Activity in Acute Public Hospitals in Ireland 2004, Annual Report ESRI Books and Monographs No. 203.

Activity in Acute Public Hospitals in Ireland 2003, Annual Report ESRI Books and Monographs No. 202.

HEALTH (continued)

Activity in Acute Public Hospitals in Ireland 2002
Annual Report ESRI Books and Monographs
No. 201.

*Poor Prescriptions: Poverty and Access to
Community Health Services*, Combat Poverty
Agency, **Richard Layte, Anne Nolan**, Brian Nolan.

Report on Perinatal Statistics for 2004, ESRI Books
and Monographs No. 200, **Sheelagh Bonham**.

Report on Perinatal Statistics for 2003, ESRI Books
and Monographs No.194, **Sheelagh Bonham**.

ESRI Working Papers

“An Analysis of the Impact of Age and Proximity of
Death on Health Care Costs in Ireland”, Working
Paper No. 193, **Richard Layte**.

“Do Consultation Charges Deter General
Practitioner Use Among Older People? A Natural
Experiment”, Working Paper No. 194, **Richard
Layte**, Hannah McGee, Ann O'Hanlon.

“Measuring Hospital Case Mix: Evaluation of
Alternative Approaches for the Irish Hospital
System”, Working Paper No. 192, Chris Aisbett,
**Miriam M. Wiley, Brian McCarthy, Aisling
Mulligan**.

“Regret about the Timing of First Sexual
Intercourse: The Role of Age and Context”, Working
Paper No. 217, **Richard Layte**, Hannah McGee.

“The Public/Private Mix in Irish Acute Public
Hospitals: Trends and Implications”, Working Paper
No. 218, **Jacqueline O'Reilly, Miriam M. Wiley**.

Papers Read to Conferences and Learned Societies

“Access to Health Information in Ireland”, PCSI,
Venice, November. **Brian McCarthy**.

“Adapting and Adopting ICD-10-AM in Ireland”,
PCSI, Venice, November. **Jacqui Curley**.

“Batch Coding High Volume Homogenous Day
Cases on Windows HIPE” at Healthcare Informatics
Society of Ireland Conference (HISI), Dublin,
November. **Mark McKenna**.

“Casemix Funding in Irish Acute Public Hospitals:
a Review”. PCSI, Venice November. **Jacqueline
O'Reilly, Miriam Wiley**.

“DRG-Based Case Mix Systems: From Definition to
Implementation”, at the Casemix Summer School,
Avignon, June. **Miriam Wiley**.

“Keltoi Rehabilitation Programme: Post-Discharge
Outcome Study”, Annual Meeting of the Society for
the Study of the Addictions (SSA), York, November.
Emma White.

“The Public/Private Mix in Irish Acute Public
Hospitals: Trends and Implications” paper
presented at the Conference: ‘The Provision and
Use of Health Services, Health Inequalities and
Health and Social Gain’, ESRI. June. **Jacqueline
O'Reilly, Miriam Wiley**.

“The Public/Private Mix in Irish Acute Public
Hospitals: Trends and Implications”, Seminar at
University of Limerick, Wednesday, November.
Jacqueline O'Reilly, Miriam Wiley.

ESRI Seminar

“Where do the Sick Go? Health Insurance and
Employment in Small & Large Firms”, Dr Kanika
Kapur (UCD).

EQUALITY

Equality research in the ESRI 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.

Current research focuses on:

- Differences in employment and labour market participation, on the basis of gender, age, family structure and disability.
- Access to education and training, particularly variations by socio-economic group and gender.
- Income inequality and poverty.
- Social attitudes to minority groups and their experience of discrimination.

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.

While much social research at the ESRI has an equality focus, the main current project in this programme, funded by the **Equality Authority**, is centred on equality and discrimination. This programme seeks to investigate the social situation of groups covered by the 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. The research programme

comprises a series of projects: some consider a range of grounds, some focus on a single ground like gender or ethnicity. Five projects were underway in 2007 and three were published by the ESRI and Equality Authority in 2008: *The Experience of Discrimination in Ireland*; *Gender Inequalities in Time Use*; *Immigrants at Work: Ethnicity and Nationality in the Irish Labour Market*. Other projects include *Perceptions of Equality and Fairness in Irish Society*, *The Gender Pay Gap*, and *Female Participation in the Paid Labour Market*. These are due to be published late 2008/early 2009.



At the launch of the publication *Best of Times? The Social Impact of the Celtic Tiger*, were the editors Christopher T. Whelan, Helen Russell and Tony Fahey.

EQUALITY (continued)

Programme Coordinators: Helen Russell and Fran McGinnity

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

Project Title	Client/Funding Agency	Status	Researchers
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) Perceptions of Equality and Fairness in Irish Society. (v) The Gender Pay Gap: Examining the Latest Evidence on Gender Pay Differentials in Ireland.	The Equality Authority.	In progress	H. Russell T. Fahey (UCD) F. McGinnity P.J. O'Connell E. Quinn T. Callan S. McGuinness E. Kelly P. Lunn E. Calvert R. King-O'Riain (NUIM)

Journal Articles and Chapters in Books

“Consistent Poverty and Economic Vulnerability” in T. Fahey, H. Russell, C. T. Whelan (eds.), , *Best of Times? The Social Impact of the Celtic Tiger*, **Christopher T. Whelan**, Brian Nolan, **Bertrand Maître**, The Institute of Public Administration.

“Economic Growth and Income Inequality: Setting the Context” in T. Fahey, H. Russell C. T. Whelan (eds.), *Best of Times? The Social Impact of the Celtic Tiger*, Brian Nolan, **Bertrand Maître**. The Institute of Public Administration.

“Employment and the Quality of Work” in T. Fahey, H. Russell and C. T. Whelan (eds.), *Best of Times? The Social Impact of the Celtic Tiger*, **Philip J. O'Connell, Helen Russell**. The Institute of Public Administration.

“Gender and Education” in R. Teese, S. Lamb and M. Duru-Bellat (eds.), *International Studies in Educational Inequality, Theory and Policy*, **Emer Smyth**.

EQUALITY (continued)

“Gender, Work-Life Balance and Quality of Life” in T. Fahey, H. Russell and C. T. Whelan (eds.), *Best of Times? The Social Impact of the Celtic Tiger*, **Frances McGinnity, Helen Russell, Emer Smyth**. The Institute of Public Administration.

“Immigrants in a Booming Economy: Analysing their Earnings and Welfare Dependence”, *Labour*, Vol. 21, No. 4-5, December 2007, **Alan Barrett, Yvonne McCarthy**.

“Income, Deprivation and Economic Stress in the Enlarged European Union”, *Social Indicators Research*, Vol. 83, No. 2, September 2007, **Christopher T. Whelan, Bertrand Maître**.

“Levels and Patterns of Material Deprivation in Ireland: After the ‘Celtic Tiger’”, *European Sociological Review*, Vol. 23, No. 2, April 2007, **Christopher T. Whelan, Bertrand Maître**.

“Measuring Material Deprivation with EU SILC Data: Lessons from the Irish Survey”, *European Societies*, 2007, Vol. 9, No. 2, **Christopher T. Whelan, Bertrand Maître**.

“Minimum Wages and the Working Poor?” *Economic Papers*, Vol. 26, No. 4, December 2007, Mark Wooden, Roger Wilkins, **Seamus McGuinness**.

“On the Multidimensionality of Poverty and Social Exclusion” in Stephen P. Jenkins and John Micklewright (eds.), *Inequality and Poverty Re-Examined*, Brian Nolan, **Christopher T. Whelan**.

“Opportunities for All in the New Ireland?” in T. Fahey, H. Russell, Christopher T. Whelan (eds.), *Best of Times? The Social Impact of the Celtic Tiger*, **Christopher T. Whelan, Richard Layte**. The Institute of Public Administration.

“Paying the Price for Reconciling Work and Family Life: Comparing the Wage Penalty for Women's Part-time Work in Britain, Germany and the United States”, *Journal of Comparative Policy Analysis*, 2007, Vol. 9, No. 2, **Frances McGinnity, Patricia McManus**.

“Social Exclusion and Multiple Deprivation in Ireland”, *Administration*, Vol. 55, No. 2, 2007, **Christopher T. Whelan, Brian Nolan**.

“The Cost of Flexibility at the Margin. Comparing the Wage Penalty for Fixed-term Contracts in Germany and Spain Using Quantile Regression”, *Labour*, Vol. 21, No. 4-5, December 2007, Antje Mertens, Vanessa Gash, **Frances McGinnity**.

“The Earnings of Immigrants in Ireland: Results from the 2005 EU Survey of Income and Living Conditions” special article in *Quarterly Economic Commentary*, Winter, 2007, **Alan Barrett, Yvonne McCarthy**.

“The Impact of Immigration” in T. Fahey, H. Russell and C. T. Whelan (eds.), *Best of Times? The Social Impact of the Celtic Tiger*, Gerard Hughes, **Frances McGinnity, Philip J. O’Connell, Emma Quinn**.

“Understanding the Implications of Choice of Deprivation Index for Measuring Consistent Poverty in Ireland”, *The Economic and Social Review*, Vol. 38, No. 2, Summer/Autumn 2007, **Christopher T. Whelan**.

“Who Are the Low Paid?”, *Australian Journal of Labour Economics*, Vol 10, No. 1, March 2007, **Seamus McGuinness, John Freebairn**.

EQUALITY (continued)

“Work Rich, Time Poor? Time Use of Women and Men in Ireland”, *The Economic and Social Review*, Vol. 38, No. 3, Winter 2007, **Frances McGinnity, Helen Russell**.

Reports & Other Publications

A Social Portrait of Children in Ireland, Allison Dunne, Tony Fahey, **Bertrand Maitre**, Brian Nolan, **Emer Smyth, Christopher T. Whelan**. The Stationery Office.

A Social Portrait of Older People in Ireland, Tony Fahey, **Bertrand Maitre**, Brian Nolan, **Christopher T. Whelan**. The Stationery Office.

“Are Ireland's Immigrants Integrating into its Labour Market?”, IZA Discussion Paper No. 2838, **Alan Barrett, David Duffy**.

Best of Times? The Social Impact of the Celtic Tiger, Tony Fahey, **Helen Russell, Christopher T. Whelan, (eds.)**, The Institute of Public Administration.

Fair Play? Sport and Social Disadvantage in Ireland, ESRI Books and Monographs No. 190, **Pete Lunn**.

Multiple Deprivation and Multiple Disadvantage in Ireland: An Analysis of EU-SILC, ESRI Policy Research Series No. 61, **Christopher T. Whelan, Bertrand Maitre**, Brian Nolan.

Work Incentives, Poverty and Welfare in Ireland, Policy Research Series No. 60, **Tim Callan**, Kieran Coleman, **John R. Walsh**.

ESRI Working Papers

“Acting Up or Opting Out? Truancy in Irish Secondary Schools”, Working Paper No. 212, **Merike Darmody, Emer Smyth, Selina McCoy**.

“Adolescents' Educational Attainment and School Experiences in Contemporary Ireland”, Working Paper No. 213, **Merike Darmody, Selina McCoy, Emer Smyth**.

“Analysing the Effects of Tax-benefit Reforms on Income Distribution: A Decomposition Approach”, Working Paper No. 197, Olivier Bargain, **Tim Callan**.

“Are Ireland's Immigrants Integrating into its Labour Market?”, Working Paper No. 199, **Alan Barrett, David Duffy**.

“Distributional Effects of Public Education Transfers in Seven European Countries”, Working Paper No. 207, **Tim Callan**, Tim Smeeding, Panos Tsakloglou.

“Social Class Variation in Risk: A Comparative Analysis of the Dynamics of Economic Vulnerability”, Working Paper No. 202, **Christopher T. Whelan, Bertrand Maitre**.

“Tax Structure and Female Labour Market Participation: Evidence from Ireland”, Working Paper No. 208, **Tim Callan**, Arthur Van Soest, **John R. Walsh**.

“The Earnings of Immigrants in Ireland: Results from the 2005 EU Survey of Income and Living Conditions”, Working Paper No. 206, **Alan Barrett, Yvonne McCarthy**.

“The 'Europeanisation' of Reference Groups: A Reconsideration Using EU-SILC”, Working Paper No. 200, **Christopher T. Whelan, Bertrand Maitre**.

EQUALITY (continued)

“The Housing Tenure of Immigrants in Ireland: Some Preliminary Analysis”, Working Paper No. 188, **David Duffy**.

“Unemployment – Stage or Stigma? Being Unemployed During an Economic Boom”, Working Paper No. 215, **Emer Smyth**.

“Validating the European Socio-Economic Classification: Cross-Sectional and Dynamic Analysis of Income Poverty and Lifestyle Deprivation”, Working Paper No. 201, **Dorothy Watson, Christopher T. Whelan, Bertrand Maitre**.

ESRI Seminar

“What Causes Gender Differences in the Participation and Intensity of Lifelong Learning?”, P. Huber (Austrian Institute for Economic Research).



An Taoiseach, Bertie Ahern TD with Frances Ruane (Director), Christopher T. Whelan, Helen Russell and Tony Fahey at the launch of the publication *Best of Times? The Social Impact of the Celtic Tiger*.

SOCIAL INCLUSION

ESRI research in the area of Social Inclusion focuses on access for all to levels of resources regarded as acceptable by Irish society. Current research focuses on:

- Multi-dimensional measurement of deprivation and poverty.
- Spatial distribution of poverty and deprivation.
- The dynamics of poverty and deprivation.
- Educational and labour market disadvantage.
- Social exclusion and the life cycle.
- Social capital and participation.



A Social Portrait of Children in Ireland, Allison Dunne, Tony Fahey, Bertrand Maitre, Brian Nolan, Emer Smyth, Christopher T. Whelan. The Stationery Office.

As part of the programme for research for the **Office for Social Inclusion (OSI)**, throughout 2007 and continuing into 2008 several ESRI staff members were involved in preparing a series of *Social Portraits* on a range of life cycle groups. 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 EU-SILC began in 2007. The current research locates the perspective in the context of the development of the knowledge economy, 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 will be published in the ESRI Research Series in 2008.

Throughout 2007 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.

SOCIAL INCLUSION (continued)

Programme Coordinator: Christopher T. Whelan

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

Project Title	Client/Funding Agency	Status	Researchers
Dynamic and Multidimensional Perspectives on Income Poverty and Deprivation	EqualSoc European Commission	In progress	C. T. Whelan B. Maître
Income Distribution (INCDIS)	EqualSoc European Commission	In progress	C. T. Whelan B. Nolan (UCD)
Social Portraits of Vulnerable Groups	Office for Social Inclusion	In progress	B. Nolan (UCD) C.T. Whelan B. Maître T. Fahey
Social Class Variation in Income Poverty, Deprivation and Consistent Poverty: An Analysis of EU-SILC	Eurostat	Completed	D. Watson B. Maître C. T. Whelan
Social Exclusion and Dimensions of Disadvantage.	Office of Social Inclusion.	Completed	B. Nolan (UCD) C.T. Whelan B. Maître
Tackling Low Income and Deprivation; Developing Effective Policies	The Department of Social and Family Affairs	In Progress	T. Callan B. Nolan (UCD) J.R. Walsh C.T. Whelan B. Maître
Women's Labour Supply and the Distribution of Income (INCDIS)	EqualSoc European Commission	In progress	B. Nolan (UCD) T. Callan
Welfare State Institutions and Welfare State Outcomes (TRALEG)	EqualSoc European Commission	In progress	C. T. Whelan B. Maître

SOCIAL INCLUSION (continued)

Journal Articles and Chapters in Books

“Consistent Poverty and Economic Vulnerability” in T. Fahey, H. Russell and C. T. Whelan (eds.), *Best of Times? The Social Impact of the Celtic Tiger*, **Christopher T. Whelan**, Brian Nolan, **Bertrand Maître**. The Institute of Public Administration.

“Does Ambivalence about Becoming Pregnant Explain Social Class Differentials in Use of Contraception?”, *The European Journal of Public Health*, Vol. 17, No. 5, 2007, **Richard Layte**, Hannah McGee, Kay Rundle, Collette Leigh.

“Economic Growth and Income Inequality: Setting the Context” in T. Fahey, H. Russell and C. T. Whelan (eds.), *Best of Times? The Social Impact of the Celtic Tiger*, Brian Nolan, **Bertrand Maître**. The Institute of Public Administration.

“Income, Deprivation and Economic Stress in the Enlarged European Union”, *Social Indicators Research*, Vol. 83, No. 2, September 2007 **Christopher T. Whelan**, **Bertrand Maître**.

“Levels and Patterns of Material Deprivation in Ireland: After the 'Celtic Tiger'” *European Sociological Review*, Vol. 23, No. 2, April 2007, **Christopher T. Whelan**, **Bertrand Maître**.

“Measuring Material Deprivation with EU SILC Data: Lessons from the Irish Survey”, *European Societies*, 2007 Vol. 9, No. 2, **Christopher T. Whelan**, **Bertrand Maître**.

“On the Multidimensionality of Poverty and Social Exclusion” in Stephen P. Jenkins and John Micklewright (eds.), *Inequality and Poverty Re-Examined*, Brian Nolan, **Christopher T. Whelan**.

“Opportunities for All in the New Ireland?” in T. Fahey, H. Russell and C. T. Whelan (eds.), *Best of Times? The Social Impact of the Celtic Tiger*, **Christopher T. Whelan**, **Richard Layte**. The Institute of Public Administration.

“Poverty, Deprivation and Economic Vulnerability in the Enlarged EU” in J. Alber, T. Fahey and C. Saraceno (eds.), *Handbook of Quality of Life in the Enlarged European Union*, **Christopher T. Whelan**, **Bertrand Maître**.

“Social Class Variation in Income Poverty, Deprivation and Consistent Poverty: An Analysis of EU-SILC”, Comparative EU Statistics on Income and Living Conditions: Issues and Challenges – Proceedings of the EU-SILC Conference (Helsinki 6-8 November 2006), **Christopher T. Whelan**, **Dorothy Watson**, **Bertrand Maître**.

“Social Exclusion and Multiple Deprivation in Ireland”, *Administration*, Vol. 55, No. 2, 2007, **Christopher T. Whelan**, Brian Nolan.

“Understanding the Implications of Choice of Deprivation Index for Measuring Consistent Poverty in Ireland”, *The Economic and Social Review*, Vol. 38, No. 2, Summer/Autumn 2007, **Christopher T. Whelan**.

Reports and Other Publications

A Social Portrait of Children in Ireland, Allison Dunne, Tony Fahey, **Bertrand Maître**, Brian Nolan, **Emer Smyth**, **Christopher T. Whelan**. The Stationery Office.

A Social Portrait of Older People in Ireland, Tony Fahey, **Bertrand Maître**, Brian Nolan, **Christopher T. Whelan**. The Stationery Office.

SOCIAL INCLUSION (continued)

Fair Play? Sport and Social Disadvantage in Ireland, ESRI Books and Monographs No. 190, **Pete Lunn**.

Multiple Deprivation and Multiple Disadvantage in Ireland: An Analysis of EU-SILC, Policy Research Series No. 61, **Christopher T. Whelan, Bertrand Maître**, Brian Nolan.

Poor Prescriptions: Poverty and Access to Community Health Services, Combat Poverty Agency, **Richard Layte, Anne Nolan**, Brian Nolan.

The Provision and Use of Health Services, Health Inequalities and Health and Social Gain, in Brian Nolan (ed.), ESRI Books and Monographs No. 196, Brenda Gannon, **Richard Layte**, Pat McGregor, David Madden, **Anne Nolan**, Ciaran, O'Neill, Samantha Smith.

Work Incentives, Poverty and Welfare in Ireland, Policy Research Series No. 60, **Tim Callan**, Kieran Coleman, **John R. Walsh**.

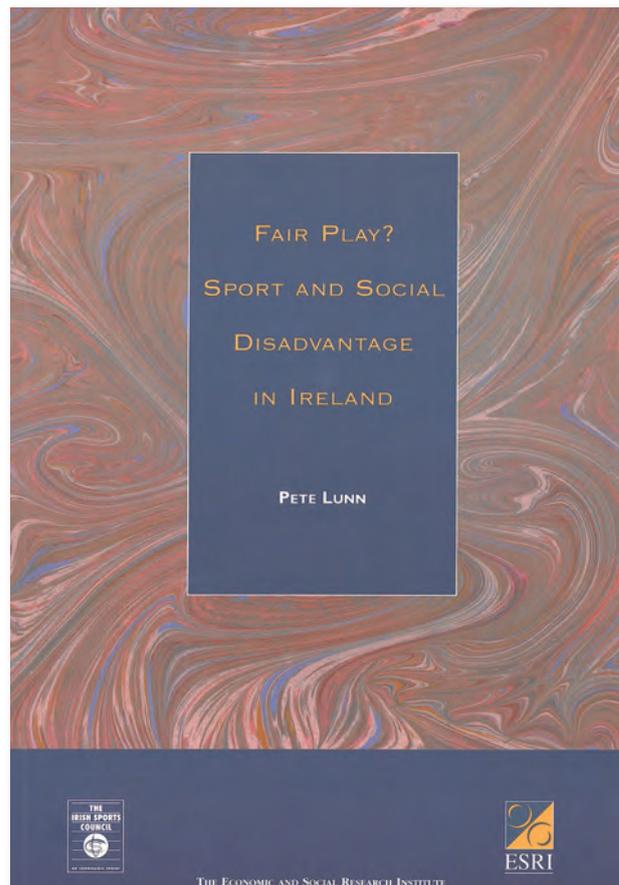
ESRI Working Papers

“Social Class Variation in Risk: A Comparative Analysis of the Dynamics of Economic Vulnerability”, Working Paper No. 202, **Christopher T. Whelan, Bertrand Maître**.

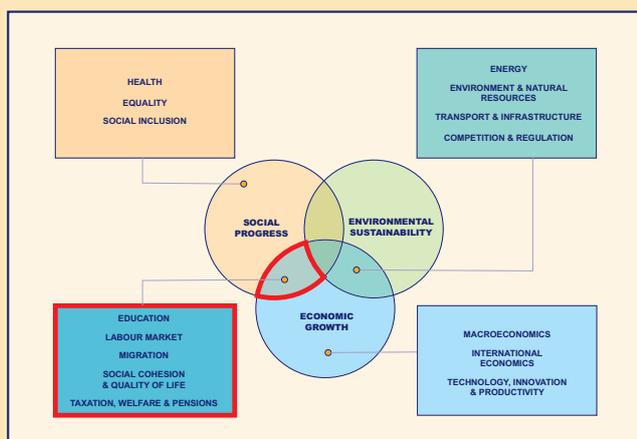
“The 'Europeanisation' of Reference Groups: A Reconsideration Using EU-SILC”, Working Paper No. 200, **Christopher T. Whelan, Bertrand Maître**.

“Understanding the Implications of Choice of Deprivation Index for Measuring Consistent Poverty in Ireland”, Working Paper No. 181, **Christopher T. Whelan**.

“Validating the European Socio-Economic Classification: Cross-Sectional and Dynamic Analysis of Income Poverty and Lifestyle Deprivation”, Working Paper No. 201, **Dorothy Watson, Christopher T. Whelan, Bertrand Maître**.



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:

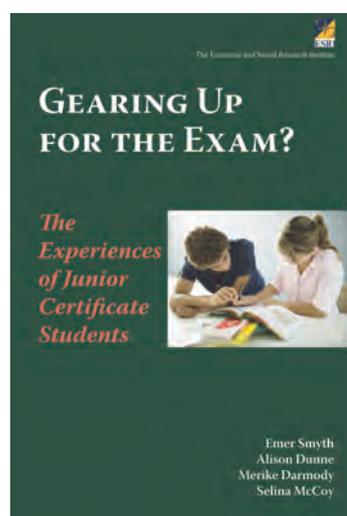
- **Education**
(coordinated by Dr Emer Smyth);
- **Labour Market**
(coordinated by Professor Philip J. O’Connell);
- **Migration**
(coordinated by Dr Alan Barrett);
- **Social Cohesion and Quality of Life**
(coordinated by Professor Christopher T. Whelan and Dr Helen Russell); and
- **Taxation, Welfare and Pensions**
(coordinated by Professor Tim Callan).

EDUCATION

Education research in the ESRI covers all levels of the educational system, including early childhood education, the primary, second-level and tertiary sectors, and continuing education and training.

Current research addresses the following areas:

- The influence of the institutional context on learning processes and outcomes, particularly within second-level education.
- Pathways through the educational system.
- The relationship between education and labour market outcomes.



EDUCATION (continued)

2007 saw the continuation of the ESRI's longitudinal study of second-level students, funded by the **National Council for Curriculum Assessment** and the **Department of Education and Science** (DES). This study, the first of its kind in Ireland, explores student experiences as they move through the schooling system. A book relating to third year students, *Gearing Up for the Exam: The Experience of Junior Certificate Students* was published in October, and research was carried out on the transition from junior to senior cycle. Two supplementary projects, looking at parental perceptions of the schooling system and early school leaving among the student cohort, were also initiated.

Since 1980, the ESRI has been involved in conducting a regular survey of school leavers, which provides an invaluable source of information

on young people's pathways into further education and the labour market. Results of the 2006 survey, funded by DES, were published in November 2007 and a new survey commenced later in the year.

The DES has also funded 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 provision for diversity within schools. At primary level, the suitability of current school design for teaching and learning is being explored.

Under funding by the **Higher Education Authority** (HEA), a large-scale study is being carried out on the reasons for low participation in higher education among non-manual workers. The HEA has also funded a study of the costs of participating in higher education for previously under-represented groups.

Programme Coordinator: Emer Smyth

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

Project Title	Client/Funding Agency	Status	Researchers
A Longitudinal Study of Junior Cycle Students: (i) Junior Certificate Students Study (ii) Transition to Senior Cycle	National Council for Curriculum and Assessment/Department of Education and Science	In progress	E. Smyth S. McCoy M. Darmody A. Dunne E. Calvert
Educational Fields of Study and European Labour Markets (EDUC)	EqualSoc European Commission, FP7	In progress	E. Smyth M. Darmody
Evaluation of the International Standard Classification of Education (ISCED 1997) for Comparative Research (EDUC)	EqualSoc European Commission	In progress	E. Smyth
OECD Consultancy	Department of Education and Science	In progress	P.J. O'Connell

Economic Growth and Social Progress

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
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
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
The Training Gap in Lifelong Learning (EMPLOY-EDUC)	EqualSoc European Commission	In progress	P. J. O'Connell D. Byrne M. Darmody S. McCoy
The School of the Future	Department of Education and Science	In progress	E. Smyth M. Darmody C. Doherty
School Leavers' Survey 2007	Department of Education and Science	In progress	S. McCoy D. Byrne E. Kelly D. Watson I. Condrón
Research on Participation in and Progression from the Leaving Certificate Applied	National Council for Curriculum and Assessment	In progress	E. Smyth S. McCoy D. Byrne
Follow-up Study of Early School Leavers	National Council for Curriculum and Assessment	In progress	E. Smyth D. Byrne
Study of Parental Perceptions	National Council for Curriculum and Assessment	In progress	E. Smyth D. Byrne
Religious Education in a Multi-Cultural Society: School and Home in Comparative Context	European Commission	In progress	E. Smyth M. Dermody

EDUCATION (continued)

Journal Articles and Chapters in Books

“Changing Times, Changing Schools? Quality of Life for Students” in T. Fahey, H. Russell, C. T. Whelan (eds.), *Best of Times? The Social Impact of the Celtic Tiger*, **Emer Smyth, Selina McCoy, Merike Darmody**, Allison Dunne. The Institute of Public Administration.

“Gender and Education” in R. Teese, S. Lamb and M. Duru-Bellat (eds.), *International Studies in Educational Inequality, Theory and Policy*, **Emer Smyth**.

“Job-Related Training in Europe: Do Institutions Matter?” in D. Gallie (ed.), *Employment Regimes and the Quality of Work*, Martina Dieckhoff, Jean-Marie Jungblut, **Philip J. O’Connell**.

“Language Approaches Used With Deaf Pupils in Scottish Schools: 2001-2004”, *Journal of Deaf Studies and Deaf Education*, Vol. 1, No. 4, Fall 2007, Marian Grimes, Ernst D. Thoutenhoofd, **Delma Byrne**.

“School Processes and the Transition to Higher Education”, *Oxford Review of Education*, 2007, Vol. 322, No. 2, **Emer Smyth**, Carmel Hannan.

“So Much to Do, So Little Time: Part-time Employment among Secondary Students in Ireland”, *Work, Employment and Society*, Vol. 21, No. 2, **Selina McCoy, Emer Smyth**.

“Strengthening the School Social Climate” in P. Downes and A. L. Gilligan (eds.), *Beyond Educational Disadvantage*, **Merike Darmody**.

“Who Generally Trains? The Effects of Personal and Workplace Characteristics on Training at Work” in L. Lassnigg et al. (eds.), *Lifelong Learning: Building Bridges through Transitional Labour Markets*, **Philip J. O’Connell**.

Reports and Other Publications

A Social Portrait of Children in Ireland, Allison Dunne, Tony Fahey, **Bertrand Maître**, Brian Nolan, **Emer Smyth, Christopher T. Whelan**. The Stationery Office.

Attendance and Students’ School Experience, ESRI Books and Monographs No. 188, **Selina McCoy, Merike Darmody, Emer Smyth**, Allison Dunne.

Gearing Up for the Exam: The Experience of Junior Certificate Students, The Liffey Press in association with ESRI, **Emer Smyth**, Allison Dunne, **Merike Darmody, Selina McCoy**.

School Leavers’ Survey Report 2006, ESRI Books and Monographs No. 198 in association with the Department of Education, **Selina McCoy, Elish Kelly, Dorothy Watson**.

ESRI Working Papers

“Acting Up or Opting Out? Truancy in Irish Secondary Schools”, Working Paper No. 212, **Merike Darmody, Emer Smyth, Selina McCoy**.

“Adolescents’ Educational Attainment and School Experiences in Contemporary Ireland”, Working Paper No. 213, **Merike Darmody, Selina McCoy, Emer Smyth**.

“Distributional Effects of Public Education Transfers in Seven European Countries”, Working Paper No. 207, **Tim Callan**, Tim Smeeding, Panos Tsakloglou.

“Man Enough To Do It? Girls and Non-Traditional Subjects in Lower Secondary Education”, Working Paper No. 198, **Emer Smyth, Merike Darmody**.

“Managing Term-Time Employment and Study in Ireland”, Working Paper No. 185, **Merike Darmody, Emer Smyth**.

EDUCATION (continued)

Papers Read to Conferences and Learned Societies

“Adolescents’ Educational Attainment and School Experiences in Contemporary Ireland”, Symposium, Presidential Session: Challenging Times for Adolescents: Insights from Large-Scale Datasets from Around the World, American Educational Research Association, Annual Conference, Chicago, April. **Merike Darmody, Selina McCoy, Emer Smyth.**

“Coeducational Schooling in the Republic of Ireland Balance or Bias”, ‘Gender and Education’ Annual Conference, Dublin, March. **Emer Smyth.**

“Field of Study and Students’ Workload in Higher Education: Ireland and Austria in Comparative Perspective”, paper presented at EqualSoc (EDUC-Field of Study) workshop meeting in Amsterdam, January. **Merike Darmody, Emer Smyth, Martin Unger.**

“Gender and Workload among Irish Higher Education Students”, 6th International Gender and Education Association Conference, Trinity College Dublin, March. **Merike Darmody.**

“Gender and the Further Education Sector in Ireland”, presented at the ‘Gender and Education’ Annual Conference, Dublin, March. **Selina McCoy.**

“Influences on Junior Certificate Performance: a Longitudinal Analysis”, Educational Studies Association of Ireland Annual Conference, March. **Emer Smyth, Allison Dunne, Selina McCoy, Merike Darmody.**

“Using Data and Statistics”, Conference on *Sources and Resources for Humanities and Social Research in Ireland*, NUIG, December, **Delma Byrne.**

“Junior Cycle Education: Insights from Research”, CEEOA conference, Donegal, April. **Emer Smyth.**

“School Transitions in Comparative Perspective: An Interplay Between Families and Schools”, American Educational Research Association, Annual Conference, Chicago, April. **Merike Darmody.**

“T’aint what you know, it’s the way that you do it - that’s what gets results” (Field of study and competencies among higher education graduates), European Research Network on Transitions in Youth annual workshop, Ghent, September. **Elish Kelly, Philip J. O’Connell, Emer Smyth.**

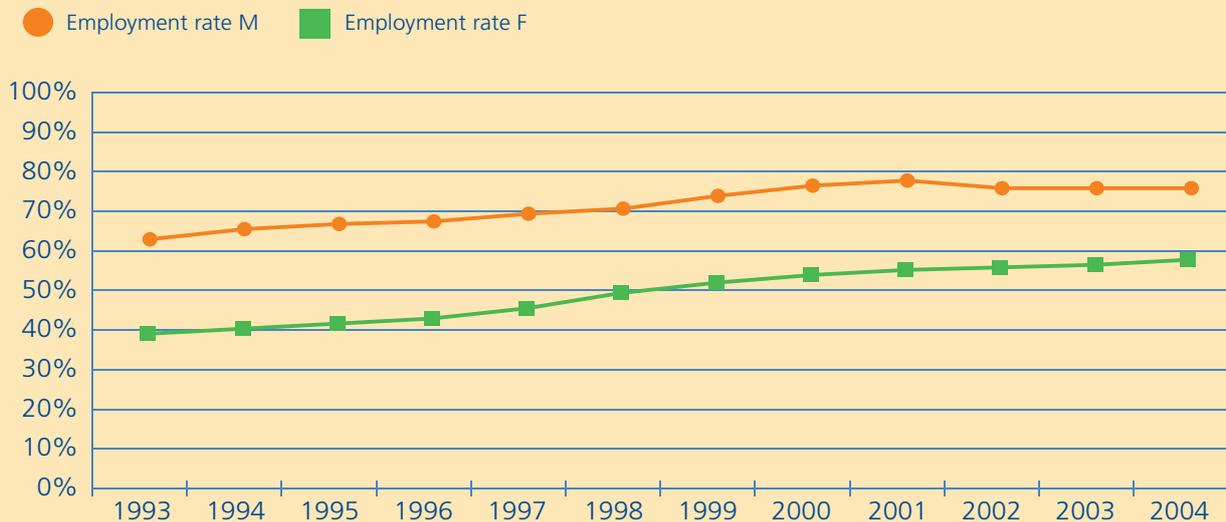
“The Experiences of Students in Junior Cycle”, presented at ‘Class Acts’: a conference on ‘Promise, Potential and Progress in Junior Cycle’, Portlaoise, October. **Emer Smyth.**

“The Junior Certificate Exam: Process and Performance”, presented at the National Association of Principals and Deputy Principals (NAPD) Annual Conference, Kilkenny, October. **Emer Smyth.**

“The Role of Parents in Second Level Education: Insights from ESRI Research”, presentation to National Parents’ Council Post-Primary Annual Conference, Tullamore, April. **Selina McCoy, Delma Byrne.**

LABOUR MARKET

Employment Rates by Gender for the Population Aged 15-64 Years 1993-2004



Source: McGinnity and Russell, 2007, *Gender Inequalities in Time Use: The Distribution of Caring, Housework and Employment among Women and Men in Ireland*.

Employment has increased dramatically for more than a decade, and over the course of that expansion there have been substantial changes in the structure and nature of employment.

Current research focuses on:

- The impact of education and training on employment and earnings.
- Labour market dynamics – transitions into employment from unemployment, school, home.
- Equality and the labour market.
- Working conditions, including wages, hours of work, job security.

Labour market researchers at the ESRI are involved in a major pilot research programme that combines cutting-edge research with important policy developments. In the *National Pilot Profiling of the Unemployed* project, all new claimants during a 3-month period in 2006 were issued with a questionnaire developed by the ESRI in conjunction with the **Department of Social and Family Affairs**,

in order to collect a range of variables that have been found in previous ESRI research to influence employment prospects. This generated a national sample of approximately 45,000 unemployed claimants, whose social welfare and labour market outcomes are currently being tracked over an 18-month period. This national experiment will help identify those unemployed people most likely to experience employment difficulties and to enter long-term unemployment. It will also provide a rigorous basis for targeting active labour market policies and thus to enhance the effectiveness and efficiency of activation measures. Preliminary analysis indicates that robust models with strong predictive power can be developed with these data.

In an exciting new development, ESRI researchers have been granted direct access to micro-data from the *National Employment Survey*. Access to this large-scale high quality data set has made possible new work on the gender wage gap, for the **Equality Authority**, as well as new analyses of the impact of labour market institutions on earnings.

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
An Assessment of the Increase in the Minimum Wage Recommended by the Labour Court in 2006	Department of Enterprise Trade & Employment	Completed	A. Barrett, B. Nolan (UCD)
Atypical Employment and Welfare Regimes (EMPLOY)(Renewal)	EqualSoc European Commission	In progress	R. Layte P. J. O'Connell
Employment Relationships at Risk	Max Planck Institute for Human Development, Berlin/Grant in Aid	In Progress	F. McGinnity
Human Capital Effects of the Welfare State	Irish Research Council for the Humanities and Social Sciences/ German Science Foundation/ Swedish Science Council	Completed	R. Layte H. Russell B. Halpin (Univ. of Limerick)
Married Women's Work Careers, Family Income Trajectories and Inequality in the US, Germany and Britain	Grant in Aid	In progress	F. McGinnity P. McManus (Indiana University)
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
FÁS/ESRI Employment and Vacancies Survey	FÁS	In progress	E. Kelly P. J. O'Connell I. Condon
Workplace Bullying	Department of Enterprise, Trade and Employment	Completed	P. J. O'Connell D. Watson S. Blackwell E. Calvert

LABOUR MARKET (continued)

Journals Articles and Chapters in Books

“Assessing the Impact of Skill Shortages on the Productivity Performance of High-tech Firms in Northern Ireland”, *Applied Economics*, 2007, Jessica Bennett, **Seamus McGuinness**.

“Education and Skill Mismatches in the Labour Market: Editors Introduction”, *Australian Economic Review*, Vol. 40, No. 3, 2007. Kostas Mavromaras, **Seamus McGuinness**.

“Employment and the Quality of Work” in T. Fahey, H. Russell and C. T. Whelan (eds.), *Best of Times? The Social Impact of the Celtic Tiger*, **Philip J. O’Connell, Helen Russell**. The Institute of Public Administration.

“Geographic Clustering of Economic Activity: The Case of Prominent Western Visual Artists”, *Journal of Cultural Economics*, Vol. 31, No. 2, June 2007, **Elish Kelly, John O’Hagan**.

“Gender, Work-Life Balance and Quality of Life” in T. Fahey, H. Russell and C. T. Whelan (eds.), *Best of Times? The Social Impact of the Celtic Tiger*, **Frances McGinnity, Helen Russell, Emer Smyth**. The Institute of Public Administration

“How Biased are the Estimated Wage Impacts of Overeducation: A Propensity Score Matching Approach”, *Applied Economics Letters*, Vol. 15, Issue 2, February 2008, **Seamus McGuinness**.

“Human Capital Accumulation in an Open Labour Market: Ireland in the 1990s”, *Economic Modelling*, 2007, **Adele Bergin, Ide Kearney**.

“Job-Related Training in Europe: Do Institutions Matter?” in D. Gallie (ed.), *Employment Regimes and the Quality of Work*, Martina Dieckhoff, Jean-Marie Jungblut, **Philip J. O’Connell**.

“Minimum Wages and the Working Poor”, *Economic Papers*, Vol. 26, No. 4, December 2007, Mark Wooden, Roger Wilkins, **Seamus McGuinness**.

“Overeducation in the Graduate Labour Market: A Quantile Regression Approach”, *Economics of Education Review*, Vol. 26, Issue 5, October 2007, **Seamus McGuinness, Jessica Bennett**.

“Overskilling in the Australian Labour Market”, *Australian Economic Review*, Vol. 40, No. 3, 2007, Kostas Mavromaras, **Seamus McGuinness, Mark Wooden**.

“Paying the Price for Reconciling Work and Family Life: Comparing the Wage Penalty for Women’s Part-time Work in Britain, Germany and the United States”, *Journal of Comparative Policy Analysis*, 2007, Vol. 9, No. 2, **Frances McGinnity, Patricia McManus**.

“The Earnings of Immigrants in Ireland: Results from the 2005 EU Survey of Income and Living Conditions” special article in *Quarterly Economic Commentary*, Winter 2007, **Alan Barrett, Yvonne McCarthy**.

“The Cost of Flexibility at the Margin. Comparing the Wage Penalty for Fixed-term Contracts in Germany and Spain Using Quantile Regression”, *Labour*, Vol. 21, No. 4-5, December 2007, Antje Mertens, Vanessa Gash, **Frances McGinnity**.

“Who Are the Low Paid?”, *Australian Journal of Labour Economics*, Vol. 10, No.1, March 2007, **Seamus McGuinness, John Freebairn**.

“Who Generally Trains? The Effects of Personal and Workplace Characteristics on Training at Work” in L. Lassnigg *et al.* (eds.), *Lifelong Learning: Building Bridges, through Transitional Labour Markets*, **Philip J. O’Connell**.

LABOUR MARKET (continued)

“Work Rich, Time Poor? Time Use of Women and Men in Ireland”, *The Economic and Social Review*, Vol. 38, No. 3, Winter 2007, **Frances McGinnity, Helen Russell**.

Reports and Other Publications

“Are Ireland's Immigrants Integrating into its Labour Market?” IZA Discussion Paper No. 2838, **Alan Barrett, David Duffy**.

Bullying in the Workplace: Survey Reports, 2007, Department of Enterprise, Trade and Employment, **Philip J. O'Connell, Emma Calvert, Dorothy Watson**.

Conditions of Entry and Residence of Third Country Highly-Skilled Workers in Ireland, 2006, Report prepared for the European Commission Directorate-General Justice, Freedom and Security and published by the ESRI, **Emma Quinn, Philip J. O'Connell**.

Occupational Employment Forecasts 2012: FAS/ESRI Manpower Forecasting Studies Report No. 12, ESRI Books and Monographs No.197, **Pete Lunn**, Nicola Doyle, Gerry Hughes.

“Overskilling, Job Insecurity and Career Mobility”, IZA Discussion Paper No. 2983, **Seamus McGuinness**, Mark Wooden.

Policy Analysis Report on Asylum and Migration: Ireland 2006, Report Prepared for the European Commission Directorate-General Justice, Freedom and Security and published by the ESRI, **Emma Quinn**.

Quarterly Economic Commentary, Spring 2007, ESRI Macroeconomic Forecasting Series, **Alan Barrett, Ide Kearney**, Yvonne McCarthy.

“The Problem of Overskilling in Australia and Britain”, IZA Discussion Paper No. 3136, Kostas Mavromara, **Seamus McGuinness**, Nigel O'Leary, Peter Sloane, Yi King Fok.

ESRI Working Papers

“Are Ireland's Immigrants Integrating into its Labour Market?” Working Paper No. 199, **Alan Barrett, David Duffy**.

“Managing Term-Time Employment and Study in Ireland”, Working Paper No. 185, **Merike Darmody, Emer Smyth**.

“Tax Structure and Female Labour Market Participation: Evidence from Ireland”, Working Paper No. 208, **Tim Callan**, Arthur Van Soest, **John R. Walsh**.

“The Impact of Flexible Working Arrangements on Work-Life Conflict and Work Pressure in Ireland”, Working Paper No. 189, **Helen Russell, Phillip J. O'Connell, Frances McGinnity**.

“Unemployment - Stage or Stigma? Being Unemployed During an Economic Boom”, Working Paper No. 215, **Emer Smyth**.

Papers Read to Conferences and Learned Societies

“Bullying in Irish Workplaces: A Mixed Methods Approach”, presentation to the Employment Research Centre, Trinity College Dublin, April. **Emma Calvert**.

“Future Skills: Three Approaches, Three Questions”, FÁS Skills Strategy Conference, October. **Pete Lunn**.

LABOUR MARKET (continued)

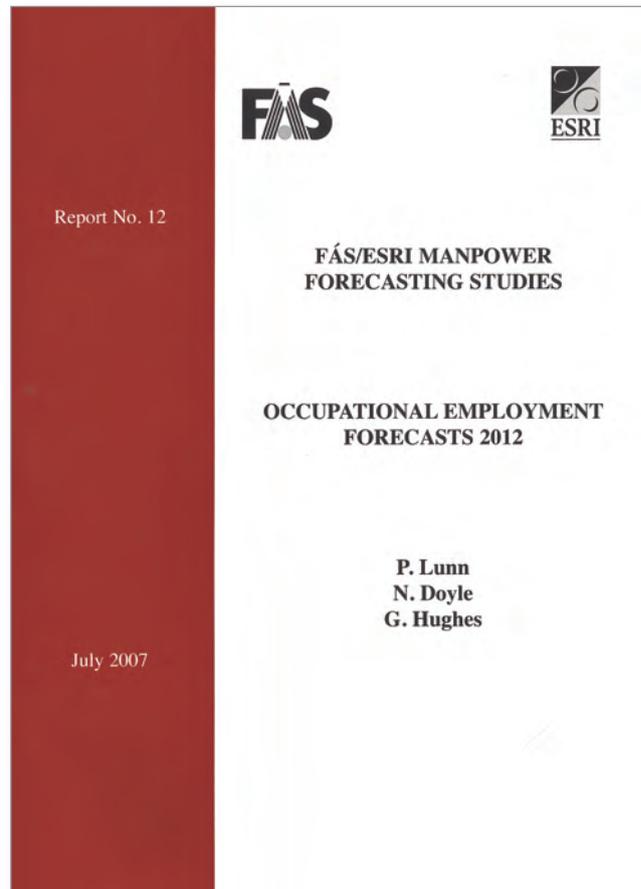
“Overskilling, Job Insecurity and Career Mobility”, Research School of Social Sciences (RSSS) Australian National University (ANU), May. **Seamus McGuinness.**

“Temporary Jobs in Ireland: Does Class Influence Job Quality?” Paper presented to EqualSoc Conference, Milan. **Richard Layte, Philip J. O’Connell, Helen Russell.**

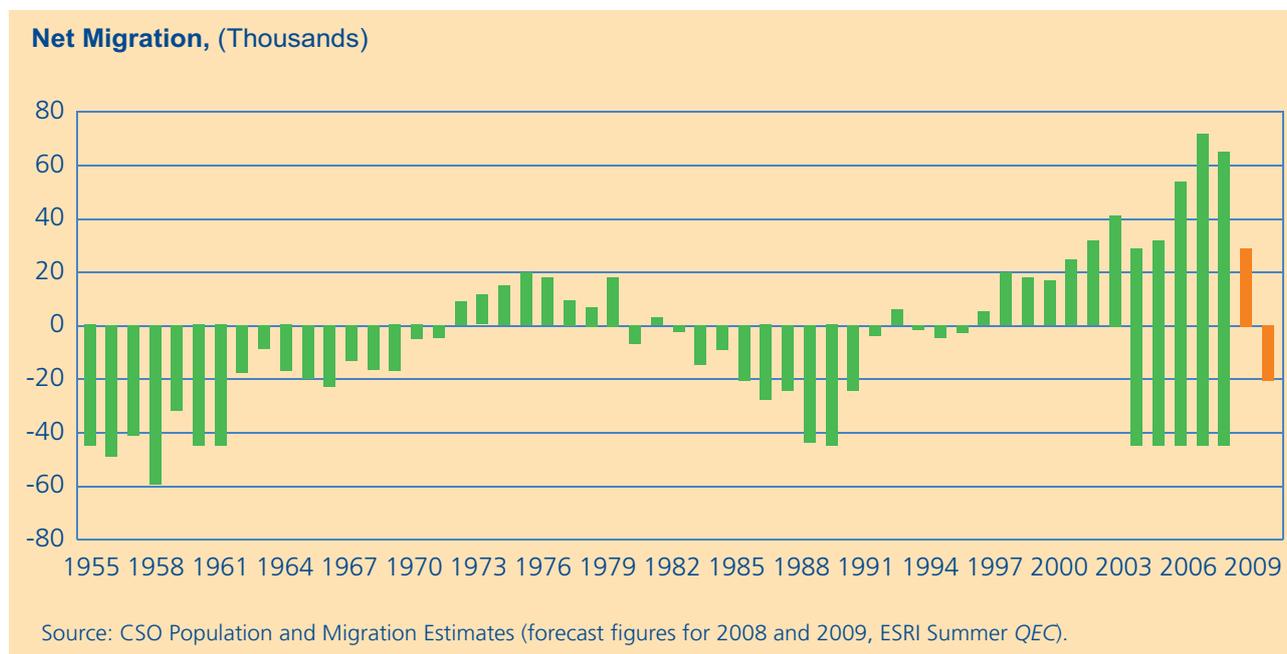
“The ESRI Approach to Occupational and Employment Forecasting”, presented to the European Foundation. **Pete Lunn.**

“The Training Gap in Life-Long Learning: Training Cleavages Among Young Labour Market Entrants in Ireland”, EqualSoc, EDUC-EMPLOY Workshop, Dijon, France. 24th November, **Delma Byrne, Merike Darmody, Selina McCoy and Philip J. O’Connell.**

“Unemployment – stage or stigma? Being unemployed during an economic boom”, European Research Network on Transitions in Youth annual workshop, Ghent, September. **Emer Smyth.**



MIGRATION



The role of demographic factors in economic and social developments has always been a key aspect of ESRI research. Most recently, the focus of work in this area has been on migration. Given the large inflows of immigrants into Ireland over the last decade, current research has addressed:

- The impact of immigrants on economic growth, average earnings and the distribution of earnings.
- The earnings of immigrants relative to Irish employees.
- The occupational attainment of immigrants.

Development of the Institute's programme of research on immigration continued in 2007. Two papers on the earnings of immigrants were published, with both showing substantial gaps between the earnings of immigrants and comparable Irish employees. A working paper was also produced, and accepted for publication in 2008, which shows relatively unfavourable levels of

occupational attainment among immigrants, in particular among those from the New Member States of the EU. Three reports were published in 2007 as part of the work of the *European Migration Network*, funded by the **European Commission** and the **Department of Justice and Law Reform**; these reports explore issues such as the conditions for entry of high-skilled immigrants, a policy analysis report on immigration and asylum 2006 and return procedures.

During 2007, ESRI researchers on migration were successful in securing funding from the **Irish Research Council for the Humanities and Social Sciences** for a two-year project titled *Immigrants' Characteristics, Experiences and Impacts*. This work will be carried out over 2008/9.

MIGRATION (continued)

Programme Coordinator: Alan Barrett

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

Project Title	Client/Funding Agency	Status	Researchers
Irish National Contact Point, European Migration Network	European Commission/ Department of Justice, Equality and Law Reform	In progress	E. Quinn P. J. O'Connell C. Joyce
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	In progress	E. Quinn P. J. O'Connell C. Joyce

Journal Articles and Chapters in Books

"A Fiscal Window of Opportunity? Projecting Public Spending Out to 2022" in M. Callanan (ed.), *Ireland 2022: Towards One Hundred Years of Self Government*, Alan Barrett, Adele Bergin, Yvonne McCarthy.

"Geographic Clustering of Economic Activity: The Case of Prominent Western Visual Artists", *Journal of Cultural Economics*, Vol. 31, No. 2, June 2007, Elish Kelly, John O'Hagan.

"Human Capital Accumulation in an Open Labour Market: Ireland in the 1990s", *Economic Modelling*, 2007, Adele Bergin, Ide Kearney.

"Immigrants in a Booming Economy: Analysing their Earnings and Welfare Dependence", *Labour*, Vol. 21, No. 4-5, December 2007, Alan Barrett, Yvonne McCarthy.

"Paying the Price for Reconciling Work and Family Life: Comparing the Wage Penalty for Women's Part-time Work in Britain, Germany and the United States", *Journal of Comparative Policy Analysis*, 2007, Vol. 9, No. 2, Frances McGinnity, Patricia McManus.

"The Earnings of Immigrants in Ireland: Results from the 2005 EU Survey of Income and Living Conditions", special article in *Quarterly Economic Commentary*, Winter 2007, Alan Barrett, Yvonne McCarthy.

"The Economic Contribution of Immigrants in Ireland" in Bryan Fanning (ed.), *Immigration and Social Change in the Republic of Ireland*, Alan Barrett, Adele Bergin.

"The Impact of Immigration" in T. Fahey, H. Russell and C. T. Whelan (eds.), *Best of Times? The Social Impact of the Celtic Tiger*, Gerard Hughes, Frances McGinnity, Philip J. O'Connell, Emma Quinn. The Institute of Public Administration.

Reports and Other Publications

"Are Ireland's Immigrants Integrating into its Labour Market?" IZA Discussion Paper No. 2838, Alan Barrett, David Duffy.

Conditions of Entry and Residence of Third Country Highly-Skilled Workers in Ireland 2006, Report prepared for the European Commission Directorate-General Justice, Freedom and Security and published by the ESRI, Emma Quinn, Philip J. O'Connell.

MIGRATION (continued)

“EU Enlargement and Migration: Assessing the Macroeconomic Impacts”, NIESR Discussion Paper No. 292, Ray Barrell, **John Fitz Gerald**, Rebecca Riley.

Policy Analysis Report on Asylum and Migration: Ireland 2006, Report Prepared for the European Commission Directorate-General Justice, Freedom and Security and published by the ESRI, **Emma Quinn**.

Return Migration: The Irish Case, Report Prepared for the European Commission Directorate-General Justice, Freedom and Security and published by the ESRI, **Emma Quinn**.

ESRI Working Papers

“Are Ireland’s Immigrants Integrating into its Labour Market?”, Working Paper No. 199, **Alan Barrett**, **David Duffy**.

“EU Enlargement and Migration: Assessing the Macroeconomic Impacts”, Working Paper No. 203, Ray Barrell, **John Fitz Gerald**, Rebecca Riley.

“The Earnings of Immigrants in Ireland: Results from the 2005 EU Survey of Income and Living Conditions”, Working Paper No. 206, **Alan Barrett**, Yvonne McCarthy.

“The Housing Tenure of Immigrants in Ireland: Some Preliminary Analysis”, Working Paper No. 188, **David Duffy**.

Papers Read to Conferences and Learned Societies

“Are Ireland’s Immigrants Integrating into Its Labour Market?” Migration Research Fair, Trinity College Dublin. September. **Alan Barrett**.

“Immigration of Highly Skilled Workers to Ireland”. Paper presented to Annual Conference, European Migration Network, Brussels. **Philip J. O’Connell**, **Emma Quinn**.

“Migrants’ Experience of Racism and Discrimination in Ireland”. Presentation to the Employment Research Centre, Trinity College Dublin. **Fran McGinnity**, **Emma Quinn**.

“Migrants Experience of Racism and Discrimination in Ireland”. Presentation to the Trinity Migration Fair, September. **Fran McGinnity**.

“The Earnings of Immigrants in Ireland”, Seminar at the Centre for Migration, Policy and Society (COMPAS), University of Oxford. Oxford. February. **Alan Barrett**.

“The Turning of the Tide: Migration and the Labour Market in Ireland”. Paper presented at Metropolis Conference, Melbourne, October. **Philip J. O’Connell**.

ESRI Seminar

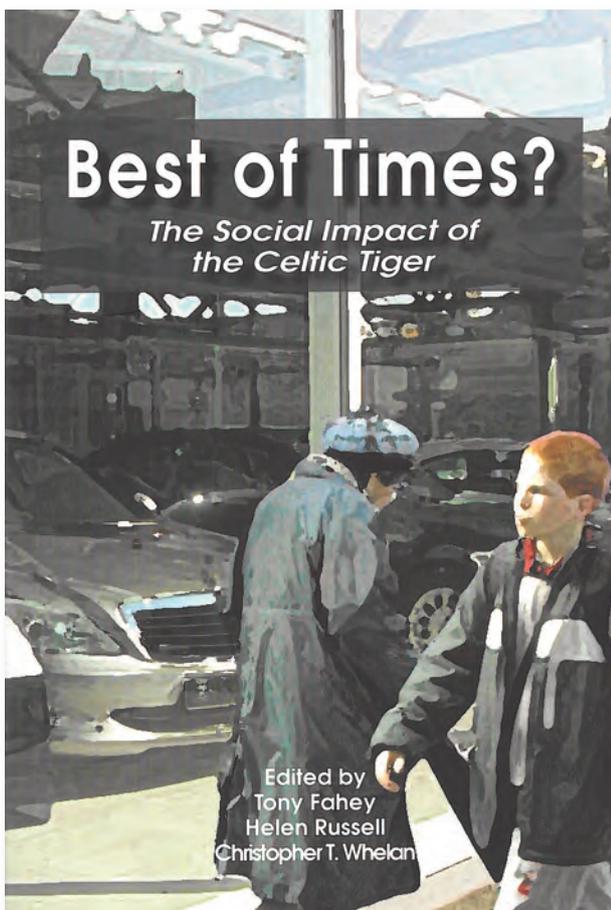
‘Poverty and Income Security in Immigrant and non-Immigrant Households in the United States, 1999-2005’, Patricia McManus (Indiana University).

SOCIAL COHESION AND QUALITY OF LIFE

Social cohesion refers to social connectedness, solidarity and the extent and quality of social participation. Quality of life research focuses on collective as well as individual resources, in addition to the actual choices people make and the observed outcomes.

Current research focuses on:

- Comparative quality of life in the EU.
- Time use, work-life balance and quality of life.
- Participation in sport.



The research programme on sport and exercise, funded by the **Irish Sports Council**, has generated a range of interesting papers, in what is an expanding international research area. In 2007, the ESRI published work revealing the strong negative link between participation in sport and social disadvantage. A follow-up study, to be published in early 2008, documents trends in participation in Irish sport over recent generations. The coming year will also see the first results from the *Irish Sports Monitor* – Ireland's first ongoing survey of grassroots sport.

Within the **EQUALSOC** Network of Excellence, ESRI researchers are editing a special issue on *Reconciling Work and Family Life* of the leading international journal on quality of life *Social Indicators Research*. It will make use of the European Social Survey and involves a range of contributors from leading European institutions.

Arising from a programme of collaborative work funded by the **European Foundation for Living and Working Conditions**, in which the ESRI has been a leading partner, *The Handbook of Quality of Life in the Enlarged European Union* was published by Routledge in 2007. It contains a number of contributions arising directly from ESRI research.

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, Fran McGinnity, Bertrand Maître and Dorothy Watson.

Project Title	Client/Funding Agency	Status	Researchers
Ballpark Figures - Key Research for Irish Sports Policy	Irish Sports Council	Completed	P. Lunn
Child Care Responsibilities and Continuing Training Participation in Europe: A Cross-national Comparative Study (EMPLOY-FAMNET)	EqualSoc European Commission	In progress	F. McGinnity
Children and Time Use in European Families (FAMNET)	EqualSoc European Commission	In progress	F. McGinnity
In the Frame or Out of the Picture? A Statistical Analysis of Public Involvement in the Arts	NESF	Completed	P. Lunn E. Kelly
Reconciling Work, Family Life and Gender Equality, the Influence of Welfare Regimes (EMPLOY-FAMNET)	EqualSoc European Commission	In progress	H. Russell F. McGinnity
The Irish Sports Monitor	Irish Sports Council	In progress	P. Lunn R. Layte
Strategy on Support for Families	Department of Social and Family Affairs	Completed	T. Fahey
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)
Family Figures: Trends in Family Dynamics and Family Types in Ireland	Family Support Agency	In progress	P. Lunn T. Fahey (UCD)

Journal Articles and Chapters in Books

"Family and Sexuality" in T. Fahey, H. Russell and C. T. Whelan (eds.), *Best of Times? The Social Impact of the Celtic Tiger*, Tony Fahey, **Richard Layte**. The Institute of Public Administration.

"Gender, Work-Life Balance and Quality of Life" in T. Fahey, H. Russell and C. T. Whelan (eds.), *Best of Times? The Social Impact of the Celtic Tiger*,

Frances McGinnity, Helen Russell, Emer Smyth. The Institute of Public Administration.

"Quality of Life after the Boom" in T. Fahey, H. Russell and C. T. Whelan (eds.), *Best of Times? The Social Impact of the Celtic Tiger*, Tony Fahey, **Helen Russell, Christopher T. Whelan.** The Institute of Public Administration.

SOCIAL COHESION AND QUALITY OF LIFE (continued)

“The Housing Boom” in T. Fahey, H. Russell and C. T. Whelan (eds.), *Best of Times? The Social Impact of the Celtic Tiger*, Tony Fahey, **David Duffy**. The Institute of Public Administration.

“The Impact of Immigration” in T. Fahey, Helen Russell and C. T. Whelan (eds.), *Best of Times? The Social Impact of the Celtic Tiger*, Gerard Hughes, **Frances McGinnity**, **Philip J. O’Connell**, **Emma Quinn**. The Institute of Public Administration.

“Valuing Ireland’s Pension System”, special article in *Quarterly Economic Commentary*, Summer 2007, Shane Whelan.

Reports and Other Publications

A Social Portrait of Children in Ireland, Allison Dunne, Tony Fahey, **Bertrand Maitre**, Brian Nolan, **Emer Smyth**, **Christopher T. Whelan**, The Stationery Office.

Ballpark Figures: Key Research for Irish Sports Policy, Irish Sports Council, **Pete Lunn**.

Fair Play? Sport and Social Disadvantage in Ireland, ESRI Books and Monographs No. 190, **Pete Lunn**.

Papers Read to Conferences and Learned Societies

“Does Division Always Mean Inequality”, Glencree Summer School, August. **Christopher T. Whelan**.

“Introducing Growing Up in Ireland – a National Longitudinal Study of Children” Poster presented at Psychological Society of Ireland Conference, November. **Aisling Murray**, **Maeve Thornton**.

“Picking the Team: Who Plays Sport in Ireland? And Why?”, presented to the *Sports Development Conference*, Killarney. **Pete Lunn**.

“The Dynamics of Economic Vulnerability: A Comparative European Analysis”, EQUALSOC Workshop, ESRI September. **Christopher T. Whelan**, **Bertrand Maitre**.

“The Dynamics of Economic Vulnerability: A Comparative European Analysis”, presented at a Workshop on *Dynamic Analysis Using Panel Data: Applications to Poverty and Social Exclusion*, Collegio Carlo Alberto, Moncalieri (Torino), June. **Bertrand Maitre**.

“The ‘Europeanisation’ of Reference Groups: A Reconsideration Using EU-SILC”, – EQUALSOC EU Network of Excellence Summer School. Leviso Italy, July. **Christopher T. Whelan**.

“Work-Family Conflict and Working Conditions in Western Europe”, presented to EQUALSOC Workshop on *Reconciling Work and Family Life: A comparative analysis using ESS data*, ESRI, October. **Helen Russell**, **Ducan Gallie**.

“Work-life Conflict and Social Inequality in Western Europe”, presented to EQUALSOC Workshop on *Reconciling Work and Family Life: A comparative analysis using ESS data*, ESRI, October. **Fran McGinnity**, **Emma Calvert**.

TAXATION, WELFARE AND PENSIONS

Taxes and transfers (including pensions) play a key role in influencing both the welfare of households and the behaviour of individuals and firms. Analysis in this area has been an important ongoing area of research for the Institute, feeding directly into the government's annual budgetary process.

Current research includes:

- Assessing the impact of budgetary policy changes.
- Developing and exploring options for future tax and welfare policies.
- Measuring financial incentives to work.
- Investigating the influence of non-cash benefits on economic welfare.



Professor Tim Callan, Professor Brian Nolan, and Dr Albert van der Horst (Central Planning Bureau, Netherlands) at *Budget Perspectives 2008* Conference, October 2007.

During 2007 a new Steering Group was established to enhance the contribution of the Institute's analysis of tax and welfare issues to policy debate and policy formation. The Steering Group is made up of representatives of the **Department of Finance** and the **Department of Social and Family Affairs**, along with key ESRI staff. One of the topics identified as being of major importance was the pensions challenge for Ireland. A paper dealing with the balance between state support for occupational pension provision and direct support of the State pension was presented at the *Budget Perspectives* Conference in October. Further work is under way, to contribute to the debate on pensions in response to the Green Paper. *SWITCH*, the ESRI tax-benefit model was once again used to undertake "poverty impact assessment" of the annual Budget, in two forms: an official analysis, provided in the *Budget* booklet, and an independent commentary by ESRI staff.

Work on a major **EU**-funded project on the Accurate Income Measurement for the Assessment of Policy (AIMAP) continued, with a particular focus on the measurement of non-cash benefits or income advantages arising from owner-occupied housing, and health and education services provided free of charge.

TAXATION, WELFARE AND PENSIONS (continued)

Programme Coordinator: Tim Callan

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

Project Title	Client/Funding Agency	Status	Researchers
Accurate Income Measurement for the Assessment of Policy	European Commission	In progress	T. Callan C. Keane
Budget Perspectives 2008	Grant in Aid	Completed	T. Callan A. Barrett M. O'Brien I. Kearney B. Nolan J. Walsh
European Observatory on the Social Situation (Network on Social Inclusion and Income Distribution)	European Commission	Completed	T. Callan

Journal Articles and Chapters in Books

“Pension Priorities: Getting the Balance Right?” in T. Callan (ed.), *Budget Perspectives 2008*, **Tim Callan**, Brian Nolan, **John R. Walsh**.

“Triple Dividends of Water Consumption Charges in South Africa”, *Water Resources Research*, 2007, Vol. 43, No. 5, May, Anthony Letsoalo, James Blignaut, Theuns de Wet, Martin de Wit, Sebastiaan Hess, **Richard S. J. Tol**, Jan van Heerden.

Reports and Other Publications

Budget Perspectives 2008, ESRI Books and Monographs No.199, **Tim Callan** (ed.), **Alan Barrett**, Frank Barry, Albert Van der Horst, **Ide Kearney**, Philip R. Lane, Brian Nolan, **Martin O'Brien**, **John R. Walsh**.

Work Incentives, Poverty and Welfare in Ireland, Policy Research Series No. 60, **Tim Callan**, Kieran Coleman, **John R. Walsh**.

ESRI Working Papers

“Analysing the Effects of Tax-benefit Reforms on Income Distribution: A Decomposition Approach”, Working Paper No. 197, Olivier Bargain, **Tim Callan**.

“Distributional Effects of Public Education Transfers in Seven European Countries”, Working Paper No. 207, **Tim Callan**, Tim Smeeding and Panos Tsakloglou.

“The Regional Dimension of Taxes and Public Expenditure in Ireland”, Working Paper No. 195, **Edgar Morgenroth**.

“Tax Structure and Female Labour Market Participation: Evidence from Ireland”, Working Paper No. 208, **Tim Callan**, Arthur Van Soest, **John R. Walsh**.

TAXATION, WELFARE AND PENSIONS (continued)

Papers Read to Conferences and Learned Societies

“Distributional Effects of Public Education Transfers in Seven European Countries”, presentation to AIM-AP project meeting, Athens, May. **Tim Callan**.

“Identifying the impact of tax-benefit reforms on the income distribution: a decomposition approach” presented to *Society for the Study of Economic Inequality* (ECINEQ), Berlin, July. **Tim Callan**.

“Pension Priorities: Getting the Balance Right?” ESRI/FFS *Budget Perspectives 2008* Conference, October. **Tim Callan**, Brian Nolan, **John R. Walsh**.

“Tax Structure and Female Labour Market Participation: Evidence from Ireland”, LOWER Conference, *Women and Work*, Volos, September. **Tim Callan**, **John R. Walsh**, Arthur van Soest.

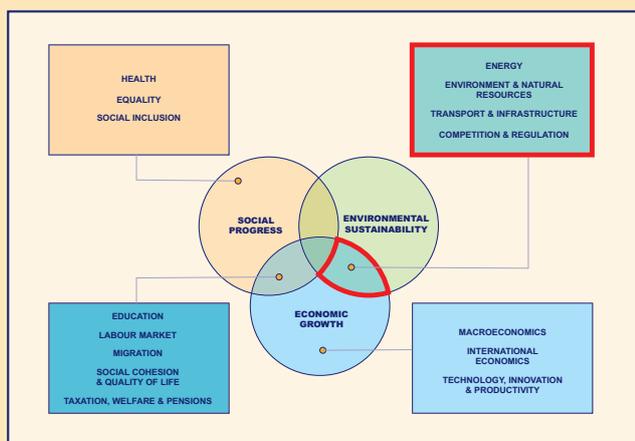
ESRI Seminar

‘Valuing Ireland’s Pension System’, Dr Shane Whelan (UCD).



Frances Ruane (Director) and Dr Alan Barrett at *Budget Perspectives 2008* Conference, October 2007.

Economic Growth and Environmental Sustainability



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

- **Energy**
(coordinated by Professors John Fitz Gerald and Richard Tol);
- **Environment and Natural Resources**
(coordinated by Professor Richard Tol); and
- **Transport and Infrastructure**
(coordinated by Dr Edgar Morgenroth).¹

ENERGY

Current research on energy economics is focused on three broad areas:

- The operation of energy markets and their implications for competitiveness.
- Security of energy supply.
- The environmental implications of energy use ISus.

There were three main strands of research in this area:

(a) Research, funded by a consortium of **industry stakeholders** and the **Department of Communications, Energy and Natural Resources**, focused on the supply of electricity in Ireland. New estimates suggest that the

regulator may have underestimated the value of electricity to households, and has thus set the capacity requirements too low. However, capacity will remain tight for several years even for the current standards. While the dominant position of the ESB and the high penetration of wind energy are contributing factors, the main reason for the lack of investment in peak power is the regulatory uncertainty due to the creation of the Single Electricity Market and the frequent changes in government policy.

(b) Research on household energy use, funded by the **Environmental Protection Agency**, revealed that energy-saving measures are typically used to offset increased energy use, rather than to reduce energy use.

1. The ESRI's other research area in this domain is *Competition and Regulation*, which is being promoted over the period of the Strategic Plan. Dr Seán Lyons is coordinating this new research programme.

ENERGY (continued)

(c) Climate change was the other main focus of research, under a programme funded by the **European Commission**. Previous research had identified energy-intensive sectors as being most vulnerable to climate policy. That finding has to be modulated, however, by the ability of companies to pass on costs to their customers.

In this light, the cement industry is less exposed to climate policy than previously thought, while the aluminium industry is more exposed. New research found that climate change is a real problem, but perhaps not as big as often assumed. An implication of this is that European climate policy could be moderated.

Programme Coordinator: Richard Tol

Others who work in this area include: David Anthoff, Nicola Commins, John Fitz Gerald, Seán Lyons, Laura Malaguzzi Valeri, Karen Mayor, Edgar Morgenroth and Sue Scott.

Project Title	Client/Funding Agency	Status	Researchers
Developing an Efficient Market for Electricity	ESRI Energy Policy Research Centre	In progress	J. Fitz Gerald
Study of Future Fuel Diversity Options for the Irish Power System	ESRI Energy Policy Research Centre	In progress	J. Fitz Gerald
Study of 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

Journal Articles and Chapters in Books

“A Stern Reply to the Reply to the Review of the Stern Review”, *World Economics*, 2007, Vol. 8, No. 2, April, **Richard S. J. Tol**, Gary W. Yohe.

“Carbon Dioxide Emission Scenarios for the USA”, *Energy Policy*, Vol. 35, Issue 11, November 2007, **Richard S. J. Tol**.

“Changes at Energy Economics”, *Energy Economics*, Vol. 29, Issue 6, November 2007, **Richard S. J. Tol**, John P. Weyant.

“Europe’s Long-term Climate Target: A Critical Evaluation”, *Energy Policy*, Vol. 35, No. 1, 2007, January, **Richard S. J. Tol**.

“Infinite Uncertainty, Forgotten Feedbacks, and Cost-benefit Analysis of Climate Policy”, *Climatic Change*, 2007, Vol. 83, No. 4, **Richard S. J. Tol**, Gary W. Yohe.

“Irish Climate Policy for 2012: An Assessment” special article in *Quarterly Economic Commentary*, Winter 2007, **Richard S. J. Tol**.

ENERGY (continued)



“New Analysis - The Value of Lost Load” in F. O’ Leary, M. Bazilian, M. Howley and B. Ó Gallachóir (eds.), *Security of Supply in Ireland 2007*, **Richard S. J. Tol**.

“On Setting Near-term Climate Policy while the Dust begins to Settle: The Legacy of the Stern Review”, *Energy & Environment*, 2007, Vol. 18, No. 5, Gary W. Yohe, **Richard S. J. Tol**, Dean Murphy.

“Preserving Electricity Market Efficiency While Closing Ireland’s Capacity Gap”, special article in *Quarterly Economic Commentary*, Autumn 2007, **Seán Lyons, John Fitz Gerald, Niamh McCarthy, Laura Malaguzzi Valeri, Richard S. J. Tol**.

“The Stern Review: Implications for Climate Change”, *Environment: Science and Policy for Sustainable Development*, 2007, Vol. 49, No. 2, Gary W. Yohe, **Richard S. J. Tol**.

ESRI Working Papers

“Assessing Vulnerability of Selected Sectors under Environmental Tax Reform: The Issue of Pricing

Power”, Working Paper No. 222, **John Fitz Gerald, Mary Keeney, Susan Scott**.

“Energy-Using Appliances and Energy-Saving Features: Determinants of Ownership in Ireland”, Working Paper No. 219, Joe O’Doherty, **Seán Lyons, Richard S. J. Tol**.

“The Value of Lost Load”, Working Paper No. 214, **Richard S. J. Tol**.

Papers Read to Conferences and Learned Societies

“Competition Effects of Increased Interconnection Between Great Britain and Ireland”, *International Association of Energy Economists – European Branch*. June. **Laura Malaguzzi Valeri**.

“Competition Effects of Increased Interconnection Between Great Britain and Ireland”, *Irish Economic Association Annual Conference*, April. **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 (FUND).

There were three strands to this research programme:

(a) Research, funded by the **Environmental Protection Agency**, shows that public investment in water supply and conservation was usually well spent, whereas the returns on investment in wastewater treatment were much more variable. Household water use is found to vary with age and family structure and to increase with social class (income, education, occupation). The research has also shown that weight-based charging for waste substantially

increases recycling and composting, but has no significant effect on illegal dumping.

- (b) Research on natural resources suggests that Ireland's forests have a considerable value for recreation. This value is estimated at €50-60 million per year for Irish residents only.
- (c) The ESRI, supported by funding from the **Environmental Protection Agency**, is extending its model for the medium-term economic forecast to predict emissions to air and water and resource use. Preliminary results suggest that sectoral value added always exceeds the damage done to the environment. Emissions of fluorinated gases and carbon monoxide, and hazardous waste grow faster than the economy, but other emissions and resource use grow more slowly. Emissions of acidifying gases are falling even as the economy expands.



ENVIRONMENT AND NATURAL RESOURCES (continued)

Programme Coordinator: Richard S. J. Tol

Others who work in this area include: David Anthoff, Nicola Commins, John Fitz Gerald, Seán Lyons, Karen Mayor, Laura Malaguzzi Valeri, Edgar Morgenroth and Sue Scott.

Project Title	Client/Funding Agency	Status	Researchers
Competitiveness Effects of Environmental Tax Reforms COMETR	European Commission FP6	Completed	S. Scott J. Fitz Gerald
Sustainable Development Research Model	Environmental Protection Agency	In progress	J. Fitz Gerald E. Morgenroth S. Scott R. S. J. Tol
Revisions to Economic Appraisal Model for Projects Seeking Support from Industrial Development Agencies	Forfas	In progress	S. Lyons R. S. J. Tol
Carbon Cycle Uncertainty Implications for Climate Policy	Electric Power Research Institute	In progress	R. S. J. Tol
Future Targets for Greenhouse Gas Mitigation in Ireland and International Climate Policy	Environmental Protection Agency	In progress	R. S. J. Tol J. Fitzgerald S. Lyons S. Scott A. Bergin K. Mayor

Journal Articles and Chapters in Books

“A Methodology for Modelling Coastal Space for Global Assessments”, *Journal of Coastal Research*, 2007, Vol. 23, Issue 4, July, Loraine McFadden, Robert J. Nicholls, Athanasios Vafeidis, **Richard S. J. Tol**.

“A Stern Reply to the Reply to the Review of the Stern Review”, *World Economics*, 2007, Vol. 8, No. 2, April-June, **Richard S. J. Tol**, Gary W. Yohe.

“Airline Emissions of Carbon Dioxide in the European Trading System”, CESifo Forum 2007, **John Fitz Gerald**, **Richard S. J. Tol**.

“An Environmental Input-Output Model for Ireland”, *The Economic and Social Review*, Vol. 38, No. 2, Summer/Autumn 2007, Joe O'Doherty, **Richard S. J. Tol**.

“Assessing Impacts and Responses to Global-Mean Sea-Level Rise” in M. Schlesinger *et al.* (eds.), *Human-induced Climate Change: An Interdisciplinary Assessment*, Robert J. Nicholls, **Richard S. J. Tol**, Jim W. Hall.

“Carbon Dioxide Emission Scenarios for the USA”, *Energy Policy*, Vol. 35, Issue 11, November 2007, **Richard S. J. Tol**.

“Economy-wide Estimates of the Implications of Climate Change: Sea Level Rise”, *Environmental and Resource Economics*, 2007, Vol.37, No.3, Francesco Bosello, Roberto Roson, **Richard S. J. Tol**.

“The Stern Review: Implications for Climate Change”, *Environment, Science and Policy for Sustainable Development*, 2007, Vol. 49, No. 2, Gary W. Yohe, **Richard S. J. Tol**.

ENVIRONMENT AND NATURAL RESOURCES (continued)

“Europe’s Long-term Climate Target: A Critical Evaluation”, *Energy Policy*, Vol.35, No.1, 2007, January, **Richard S. J. Tol**.

“Infectious Disease, Development, and Climate Change: A Scenario Analysis”, *Environment and Development Economics*, Vol. 12, Issue 5, October 2007, **Richard S. J. Tol**, Kristie L. Ebi, Gary W. Yohe.

“Infinite Uncertainty, Forgotten Feedbacks, and Cost-benefit Analysis of Climate Policy”, *Climatic Change*, 2007, Vol.83, No. 4, **Richard S. J. Tol**, Gary W. Yohe.

“Investment in Water Infrastructure: Findings from an Economic Analysis of a National Programme”, *Journal of Environmental Planning and Management*, 2007, Vol. 50, No. 1, John Lawlor, Colm McCarthy, **Susan Scott**.

“Irish Climate Policy for 2012: An Assessment” special article in *Quarterly Economic Commentary*, Winter 2007, **Richard S. J. Tol**.

“On Setting Near-term Climate Policy while the Dust begins to Settle: The Legacy of the Stern Review”, *Energy & Environment*, 2007, Vol. 18, No. 5, Gary W. Yohe, **Richard S. J. Tol**, Dean Murphy.

“Rebuilding the Eastern Cod Stock under Environmental Change – A Preliminary Approach using Stock, Environmental, and Management Constraints”, *Natural Resource Modeling*, Vol. 20, No. 2, Summer 2007, Christine Rockmann, Uwe A. Schneider, Michael A. St. John, **Richard S. J. Tol**.

“Technical Efficiency of Small-scale Fishing Households in Tanzanian Coastal Villages: An Empirical Analysis”, *African Journal of Aquatic Science*, Vol. 32, No. 1, May 2007, Jennifer K. Sesabo, **Richard S. J. Tol**.

“The Double Trade-off Between Adaptation and Mitigation for Sea Level Rise: An Application of Funds”, *Mitigation and Adaptation Strategies for Global Change*, 2007, Vol. 12, No. 5; **Richard S. J. Tol**.

“The Economic Impact of Restricted Water Supply: A Computable General Equilibrium Analysis”, *Water Research*, 2007, Vol. 41, Issue 8, Maria Berritella, Arjen Hoekstra, Katrin Y. Rehdanz, Roberto Roson, **Richard S. J. Tol**.

“The Impact of a Carbon Tax on International Tourism”, *Transportation Research Part D: Transport and Environment*, Vol. 12, Issue 2, 2007, **Richard S. J. Tol**.

“The Impact of Climate Change on Domestic and International Tourism: A Simulation Study”, *The Integrated Assessment Journal*, Vol. 7, No. 1, 2007, Andrea Bigano, Jacqueline M. Hamilton, **Richard S. J. Tol**.

“The Impact of Climate Change on Tourism in Germany, the UK and Ireland: A Simulation Study”, *Regional Environmental Change*, 2007, Vol. 7, No. 3, September, Jacqueline M. Hamilton, **Richard S. J. Tol**.

“The Impact of the UK Aviation Tax on Carbon Dioxide Emissions and Visitor Numbers”, *Transport Policy*, 2007, Vol. 14, **Karen Mayor**, **Richard S. J. Tol**.

“Triple Dividends of Water Consumption Charges in South Africa”, *Water Resources Research*, 2007, Vol. 43, No. 5, Anthony Letsoalo, James Blignaut, Theuns de Wet, Martin de Wit, Sebastiaan Hess, **Richard S. J. Tol**, Jan van Heerden.

ENVIRONMENT AND NATURAL RESOURCES (continued)

Reports & Other Publications

Competitiveness Effects of Environmental Tax Reforms (COMETR): Final Report to the European Commission, DG Research and DG Taxation and Customs Union, National Environmental Research Institute, University of Aarhus. Mikael Skou Andersen, Terry Barker, Edward Christie, Paul Ekins, **John Fitz Gerald**, Jirina Jilkova, Sudhir Junankar, Michael Landesmann, Hector Pollitt, Roger Salmons, **Susan Scott**, Stefan Speck (eds.).

Introduction of Weight-based Charges for Domestic Solid Waste Disposal, Environmental Protection Agency, **Susan Scott**, **Dorothy Watson**.

Strand One Report: Costs and Funding, Independent Water Review Panel, Paddy Hillyard, Charles Coulthard, **John Fitz Gerald**, Joan Whiteside.

ESRI Working Papers

“Airline Emissions of Carbon Dioxide in the European Trading System”, Working Paper No. 179, **John Fitz Gerald**, **Richard S. J. Tol**.

“An Environmental Input-Output Model for Ireland”, Working Paper No. 178, Joe O’Doherty, **Richard S. J. Tol**.

“Assessing Vulnerability of Selected Sectors under Environmental Tax Reform: The Issue of Pricing Power”, Working Paper No. 222, **John Fitz Gerald**, Mary Keeney, **Susan Scott**.

“Climate Policy Versus Development Aid”, Working Paper No. 221, **Richard S. J. Tol**.

“Comparing the Travel Cost Method and the Contingent Valuation Method – An Application of Convergent Validity Theory to the Recreational Value of Irish Forests”, Working Paper No. 190, **Karen Mayor**, **Richard S. J. Tol**.

“Determinants of Water Connection Type and Ownership of Water-Using Appliances in Ireland”, Working Paper No. 216, Joe O’Doherty, **Seán Lyons**, **Richard S. J. Tol**.

“Energy-Using Appliances and Energy-Saving Features: Determinants of Ownership in Ireland”, Working Paper No. 219, Joe O’Doherty, **Seán Lyons**, **Richard S. J. Tol**.

“Irish Sustainable Development Model (ISus): Literature Review, Data Availability and Model Design”, Working Paper No. 186, Joe O’Doherty, **Karen Mayor**, **Richard S. J. Tol**.

“The Impact of the EU-US Open Skies Agreement on International Travel and Carbon Dioxide Emissions”, Working Paper No. 191, **Karen Mayor**, **Richard S. J. Tol**.

“The Impact of the UK Aviation Tax on Carbon Dioxide Emissions and Visitor Numbers”, Working Paper No. 187, **Karen Mayor**, **Richard S. J. Tol**.

Papers Read to Conferences and Learned Societies

“Climate Change in Deltas: Economics and Adaptation”, AquaTerra, Amsterdam. February. **Richard S. J. Tol**.

“Die Klimapolitik Europas: Ein kritische Betrachtung”, Muencher Seminare, Ifo Institute. Munich. November. **Richard S. J. Tol**.

“Economic Impacts of Climate Change”, Workshop on *Climate Change Impacts and Integrated Assessment*, Snowmass. July/August. **Richard S. J. Tol**.

“The Economic Impact of Climate Change”, Central Bank of Belgium. Brussels. April. **Richard S. J. Tol**.

ESRI Seminars:

“Local Environmental Quality and Life Satisfaction”, Dr. Katrin Rehdanz (Kiel University.).

“Transport and the Environment”, **Laura Malaguzzi Valeri**, **Seán Lyons**, **Richard S. J. Tol**.

TRANSPORT AND INFRASTRUCTURE

Current research on the economics of transport and infrastructure covers:

- Infrastructure needs.
- Environmental impacts.
- Determinants of household and commercial transport decisions.

In 2007 transport and infrastructure research was focused on energy use of transport and its environmental impact, reflecting current policy concerns. One strand of research, funded by a consortium of **industry stakeholders** and the **Department of Energy**, has analysed the effects of a kerosene tax on international tourism. This research has shown that, since fuel use is greatest during take-off and landing, a kerosene tax would disproportionately raise the price of short-haul flights – and thus particularly hurt island-nations near continents (e.g., Ireland) and discount airlines (e.g., Ryanair). The 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 per cent) for sizeable subsidies (> €1 billion) to industry.

A second strand of research on energy use in Irish freight transport identified the disproportionate contribution of the building and construction sector to freight transport, and has identified a number of constraints that will limit the potential to shift freight traffic to modes other than road freight. As part of a major research project funded by the **Environmental Protection Agency**, researchers are analysing the value and impact of transport infrastructure investments, such as road by-passes and railway stations. This work not only shows that the impact is spatially limited but also shows that the impact changes at different stages of construction.



TRANSPORT AND INFRASTRUCTURE (continued)

Programme Coordinator: Edgar Morgenroth

Other members of staff who work in this area include: Nicola Commins, Seán Lyons, Karen Mayor, Laura Malaguzzi Valeri, Anne Nolan, Susan 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

“A Global Database of Domestic and International Tourist Numbers at National and Subnational Level”, *International Journal of Tourism Research*, 2007, Vol. 9, Issue 3, Andrea Bigano, Jacqueline M. Hamilton, Maren A Lau, **Richard S. J. Tol**, Yuan Zhou.

“Airline Emissions of Carbon Dioxide in the European Trading System”, CESifo Forum 2007, **John Fitz Gerald, Richard S. J. Tol**.

“Investment in Water Infrastructure: Findings from an Economic Analysis of a National Programme”, *Journal of Environmental Planning and Management*, 2007, Vol. 50, No. 1, John Lawlor, Colm McCarthy, **Susan Scott**.

“Irish Climate Policy for 2012: An Assessment”, special article in *Quarterly Economic Commentary*, Winter 2007, **Richard S. J. Tol**.

“The Impact of Climate Change on Domestic and International Tourism: A Simulation Study”, *The Integrated Assessment Journal*, Vol. 7, No. 1, 2007, Andrea Bigano, Jacqueline M. Hamilton, **Richard S. J. Tol**.

“The Impact of Climate Change on Tourism in Germany, the UK and Ireland: A Simulation Study”, *Regional Environmental Change*, 2007, Vol. 7, No. 3, September, Jacqueline M. Hamilton, **Richard S. J. Tol**.

“The Impact of a Carbon Tax on International Tourism”, Transportation Research Part D: *Transport and Environment*, Vol. 12, Issue 2, 2007, **Richard S. J. Tol**.

“The Impact of the UK Aviation Tax on Carbon Dioxide Emissions and Visitor Numbers”, *Transport Policy*, Vol. 14, 2007, **Karen Mayor, Richard S. J. Tol**.

ESRI Working Papers

“Airline Emissions of Carbon Dioxide in the European Trading System”, Working Paper No. 179, **John Fitz Gerald, Richard S. J. Tol**.

“Holiday Destinations: Understanding the Travel Choices of Irish Tourists”, Working Paper No. 210, **Seán Lyons, Karen Mayor, Richard S. J. Tol**.

“The Impact of the EU-US Open Skies Agreement on International Travel and Carbon Dioxide Emissions”, Working Paper No. 191, **Karen Mayor, Richard S. J. Tol**.

“The Impact of the UK Aviation Tax on Carbon Dioxide Emissions and Visitor Numbers”, Working Paper No. 187, **Karen Mayor, Richard S. J. Tol**.

MAJOR NATIONAL SURVEY

Project Title	Client/Funding Agency	Status	Researchers
The National Longitudinal Study of Children in Ireland (NLSCI)	Department of Health & Children through the Office of the Minister for Children in association with the Department of Social & 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)



Children at the launch of *The National Longitudinal Study of Children in Ireland* (NLSCI) study in January 2007.

COMMISSIONED NATIONAL SURVEY PROJECTS

Project Title	Client/Funding Agency	Status	Researchers
Annual Business and Consumer Surveys of Industry, Building, Consumers, Retail Trade and Services	European Commission	In progress	D. Watson I. Condrón
Business Attitudes to Regulation	Department of the Taoiseach	Completed	D. Watson S. Blackwell
Bi-annual Survey of Investment in Irish Industry	European Commission	In progress	J. Williams D. Watson I. Condrón
Consumer Sentiment Index Plus Supplement on Investment Intentions	IIB Bank	In progress	D. Duffy
European Social Survey 2006/2007	University College, Dublin	Completed	D. Watson S. Blackwell I. Condrón
FÁS Follow-Up Surveys	FÁS	Completed	D. Watson I. Condrón
“FÁS/ESRI Occupational Employment Forecasts, 2012”	FÁS	Completed	N. Doyle P. Lunn G. Hughes
Monthly Consumer Survey	European Commission	In progress	D. Watson S. Blackwell
Monthly Industry Survey	European Commission	In progress	D. Watson I. Condrón
Monthly Retail Survey	European Commission	In progress	D. Watson I. Condrón
Monthly Services Sector Survey	European Commission	In progress	D. Watson I. Condrón
School Leavers’ Survey 2006	Department of Education	Completed	D. Watson I. Condrón
SHARE	European Commission/UCD	Completed	D. Watson S. Blackwell
SLÁN 06 (Survey of Health and Lifestyles)	Department of Health & Children	In progress	D. Watson S. Blackwell
Survey of Repairs and Maintenance	Department of Environment and Local Government	In progress	J. Williams D. Watson I. Condrón

Other Staff Commitments

A number of staff members undertook specialised teaching engagements in universities and in other forums of professional or adult education. These staff members also participated in a number of national and international conferences.

A. BARRETT

- (i) Research Fellow, Institute for the Study of Labour (IZA), University of Bonn.
- (ii) Supervisor M.Sc. candidate in Economic Policy Studies, TCD.

A. BERGIN

- (i) Member EUROFRAME – European Forecasting Network.
- (ii) Member, Tax Forecasting Methodology Review Group, Department of Finance.
- (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, Educational Studies Association of Ireland.

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) Member, Advisory Committee of Taught Doctorate in Education, St Patrick's College, Drumcondra.
- (ii) Referee, *International Journal of Educational Development*.

- (iii) Referee, *TRAMES*, A Journal of the Humanities and Social Sciences, official publication of the Estonian Academy of Sciences and the University of Tartu, Estonia.

J. FITZ GERALD

- (i) ESRI Representative, Committee for the Social Sciences, Royal Irish Academy.
- (ii) President, EUROFRAME – European Forecasting Network.
- (iii) Vice President of the Irish Economic Association.
- (iv) Member of the Independent Water Review Panel, Northern Ireland.
- (v) Member of the Irish Energy Research Council.

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.

S. LYONS

- (i) Supervisor, M.Sc. candidate in Economic Policy Studies (TCD)

S. McCOY

- (i) Member, Editorial Board, *Irish Educational Studies*.

F. McGINNITY

- (i) Co-Supervisor Ph.D. student, Max Planck Institute for Human Development, Berlin.
- (ii) Represented ESRI on a project evaluation panel at the European Foundation on Living and Working Conditions.

E. MORGENROTH

- (i) ESRI Representative, CSO Expert Committee on Population Projections.
- (ii) Treasurer, Irish Branch, Regional Studies Association.
- (iii) Member, CSO Expert Group on Commuting Data.
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¹ B.J. Whelan was seconded to Trinity College Dublin for two-thirds of his time during 2007 in order to carry out this role.

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