



THE ECONOMIC AND SOCIAL RESEARCH INSTITUTE



**REVIEW OF RESEARCH
2011**



THE ECONOMIC AND SOCIAL RESEARCH INSTITUTE

The Economic Research Institute was founded in Dublin in 1960, with the assistance of a grant from the Ford Foundation of New York. In 1966 the remit of the Institute was expanded to include social research, resulting in the Institute being renamed The Economic and Social Research Institute (ESRI). In 2010 the Institute entered into a strategic research alliance with Trinity College Dublin, while retaining its status as an independent research institute.

The ESRI is governed by an independent Council which acts as the Board of the Institute with responsibility for guaranteeing its independence and integrity. The Institute's research strategy is determined by the Council in association with the Director and staff. The research agenda seeks to contribute to three overarching and interconnected goals, namely, economic growth, social progress and environmental sustainability. The Institute's research is disseminated through international and national peer reviewed journals and books, in reports and books published directly by the Institute itself and in the Institute's working paper series. Researchers are responsible for the accuracy of their research. All ESRI books and reports are peer reviewed and these publications and the ESRI's working papers can be downloaded from the ESRI website at www.esri.ie

The Institute's research is funded from a variety of sources including: an annual grant-in-aid from the Irish Government; competitive research grants (both Irish and international); support for agreed programmes from government departments/agencies and commissioned research projects from public sector bodies. Sponsorship of the Institute's activities by Irish business and membership subscriptions provide a minor source of additional income.

Further information is available at www.esri.ie

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T.K. Whitaker, founder member of the ESRI with Mary Finan, Chairman (2004-2011).

Introduction

This *Review of Research* gives an overview of the research activities of the ESRI during 2011. Our activities seek to inform policy development, with the dissemination of research findings primarily through publications and presentations at conferences/seminars, and to inform civil society, through engagement in public fora, including the print and electronic media. During 2011, ESRI researchers published 54 journal articles and 19 book chapters, 37 reports, 6 renewal papers and 4 economic commentaries. In addition, 52 ESRI working papers were released along with 17 research bulletins.

The year saw some improvement in the Irish economy, but uncertainty on European and global markets weakened the country's ability to recover through exports, notwithstanding the significant improvements in competitiveness. The *Quarterly Economic Commentary (QEC)* monitored and reported on developments in the economy throughout the year.

In 2011, the Institute's new ***Economic Renewal*** series looked at international and national evidence relevant to a number of major national policy questions. It covered issues in innovation; public infrastructure; labour market; public services; healthcare; second level education; financial regulation; competition and regulation and property taxation. The papers were presented at a series of conferences where senior policymakers responded to the new evidence, followed by open discussion (under the Chatham House rule). Two key common themes emerged: (1) the value of high-quality evidence to underpin policymaking and (2) the danger of emulating policies used in other countries where the underlying conditions are different or where policies have not been fully evaluated.

ESRI research draws on new data and methodologies. During 2011, new data from the *Growing Up in Ireland* survey, which were collected by the ESRI, provided opportunities for Institute researchers to study a wide range of topics including special needs education, the primary school classroom, obesity in children and the way in which children use their leisure time. The Institute ran specialist workshops to support researchers and other stakeholders in their use of *Growing Up in Ireland* data.

Novel research on fertility patterns, using micro data from the full CSO *Census (2006)*, showed how demographic research can help Ireland to understand and plan for the changes that follow from the increasing diversity in population composition and behaviour.

Most ESRI research projects feed directly into policy and practice. For example, the Institute's longitudinal study of second level schooling is informing the reform of the Junior Certificate curriculum. Labour market activation programmes, informed by our research, are now being implemented with ESRI support. Such projects involve close cooperation between researchers and public servants, and involve knowledge and skills transfer.

The Institute has had a longstanding research programme on energy and the review of energy policy published in 2011 was timed to allow an assessment of Ireland's position in the face of new EU policies. Similarly, environmental research provided inputs to policy at both the local and global levels.

Introduction

During 2011 Institute researchers made submissions to government commissions and expert groups in a wide range of areas; these submissions are now published on the ESRI website. Researchers also published the first *Integration Monitor*, designed to review the progress of integration of migrants into Ireland across four domains: employment, social inclusion, education and active participation.

The Institute's research collaboration with Trinity College continues to develop, particularly related to the two major longitudinal projects, the ESRI-TCD led *Growing Up in Ireland* study on children, and the TCD-led *TILDA* project on ageing. Other areas of research collaboration with TCD include health, education, migration and internationalisation. At the same time, researchers continue to work with colleagues in UCD (energy, social inclusion) and in a range of European institutes and universities (labour economics, international economics, equality).

At the end of 2011, the Chairman, Mary Finan, stepped down from the Chair and from the Council. The Institute is very appreciative of the very significant contribution she made as Chair over nine years. Early in 2011, the Institute learnt of the death of Professor Denis Conniffe, a former Deputy Director. Denis contributed enormously to the work of the Institute and to social science in Ireland more generally. Up to the time of his death, he continued to provide econometric expertise to our researchers. He is greatly missed.

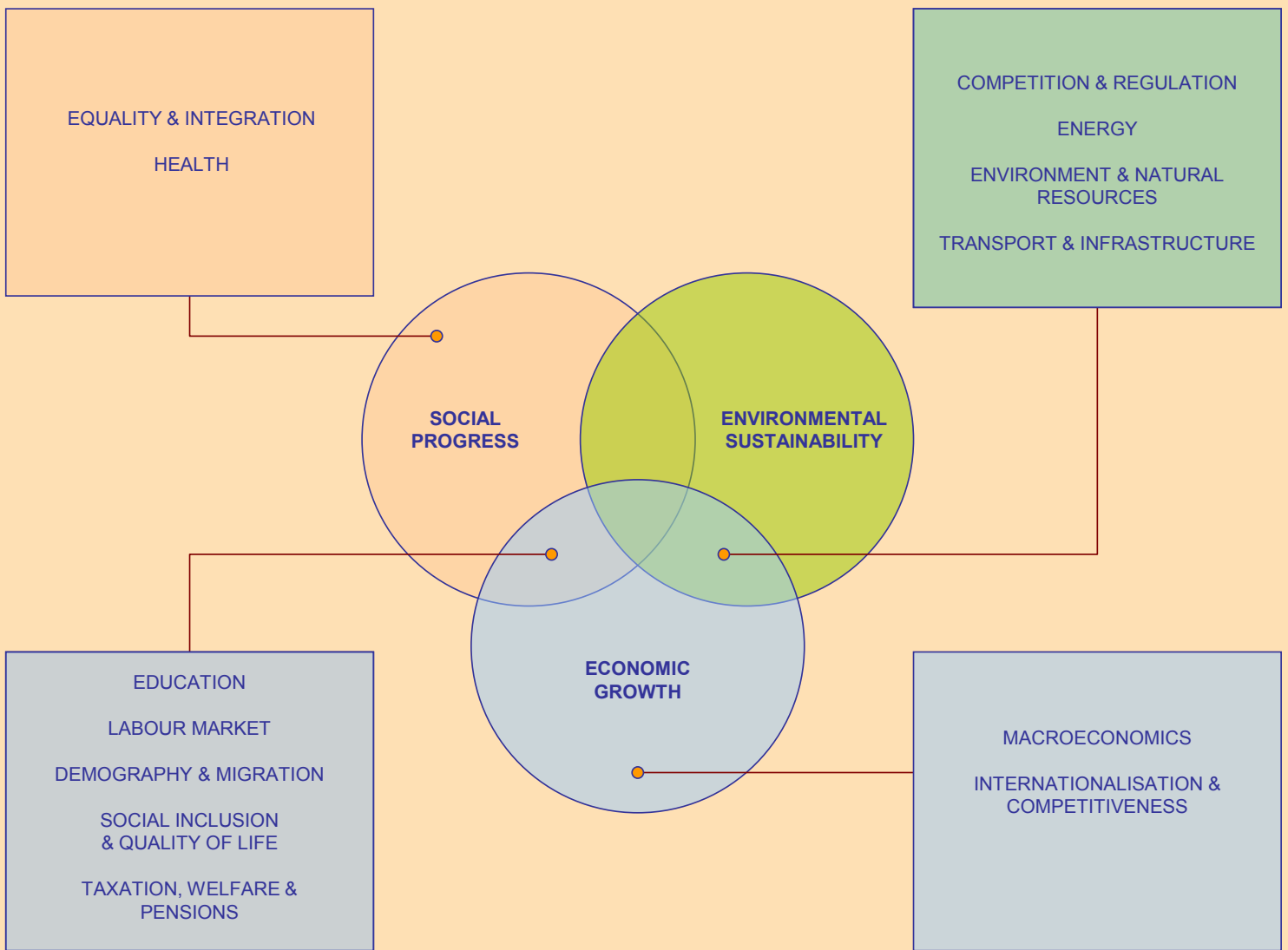
The direction and focus of ESRI research reflects Ireland's current economic and social challenges and the resources available to us. The Institute greatly values the supports it receives each year from government departments and agencies, from research funding bodies, from its members and from philanthropic sources. During 2011, FBD Trust's support to the Institute made the scale of the Renewal Project possible.

Frances Ruane

Director

April 2012



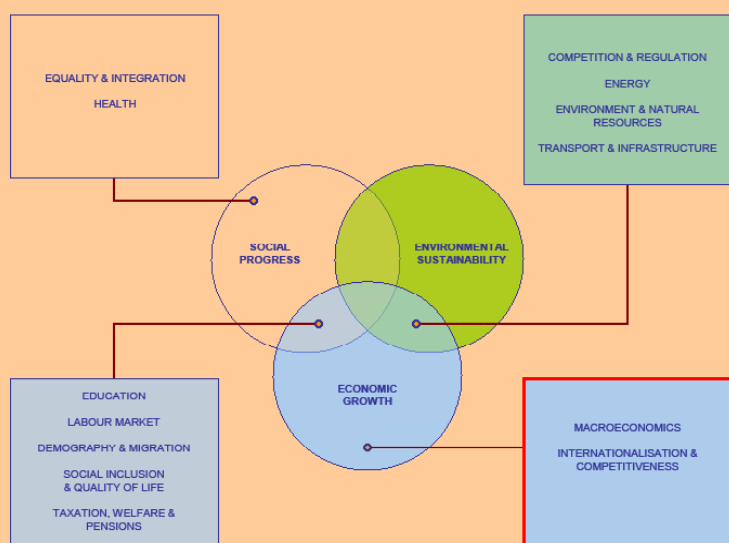


RESEARCH AREAS

The ESRI's research programmes are 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.
- Research at the interface between Economic Growth and Environmental Sustainability.

Economic Growth



There are two programmes of research in this area:

- **Macroeconomics**
(coordinated by Professor John FitzGerald)
- **Internationalisation and Competitiveness**
(coordinated by Dr Iulia Siedschlag)

MACROECONOMICS

A major feature of the work of the macroeconomic researchers over many years has been the development and maintenance of a suite of economic models. These models are used extensively in a range of studies on medium-term macroeconomic forecasting and policy analysis. They have also been used to inform studies of other aspects of the economy such as energy demand, environmental impact, skills needs and housing demand. The results of this modelling work are also used to inform the short-term forecasting work underlying the *Quarterly Economic Commentary (QEC)*.

One of the key tools used for this purpose is the ESRI's *HERMES* macroeconomic model, which is undergoing continual development and is the only complete structural model of the Irish economy in regular use today. The Institute also has developed a smaller model of the labour market, and a detailed demographic model which are used extensively in policy analysis.

Over the past number of years research has focused on the macroeconomic consequences of the crisis on the Irish economy. The results of this research are published on a regular basis in the *QEC*. During 2011 a review of the origins and characteristics of the current economic crisis in Ireland examined how fiscal policy contributed to the crisis rather

than prevented it. A detailed study was undertaken of the composition of Irish government debt, and its likely evolution out to 2015. A study of the relationship between rents and the user cost of housing found that the ratio of these two measures remained above the equilibrium value in 2011.

Research on the broader EU Economy and its implications for Ireland explored the effects on the EU economy of the increased migration resulting from EU enlargement; how the Spanish and Irish economies were affected by EMU membership, in particular how the housing markets were affected; the EU banking sector and recovery in the EU economy. Researchers were also involved, along with colleagues in *EUROFRAME*, in preparing a forecast for the euro zone economy which was published in January 2012.

The current crisis has thrown up new challenges for macroeconomic modelling with the focus of attention shifting to the interaction of the real economy with the financial sector. This new focus is mirrored in developments internationally. During 2011, the ESRI macro team began a new programme of research which is designed to develop a suite of macroeconomic modelling tools that can be used to explore the likely medium-term impact of the crisis on the Irish economy.

MACROECONOMICS (continued)

Programme Coordinator: John FitzGerald

Others working in this area include Adele Bergin, David Duffy, Joe Durkan, Petra Gerlach-Kristen, Ide Kearney, Edgar Morgenroth, Cormac O’Sullivan, Iulia Siedschlag, Dorothy Watson, Nuša Žnuderl.

Project Title	Client/Funding Agency	Status	Researchers
Co-operation with Department of Finance on Medium-Term Model	Grant-in-Aid	In progress	J. FitzGerald A. Bergin I. Kearney
Medium-Term Economic Review and Outlook for Ireland	Grant-in-Aid	In progress	J. FitzGerald A. Bergin I. Kearney N. Žnuderl
Current Trends in the Irish Economy: <i>Quarterly Economic Commentary</i>	Grant-in-Aid	In progress	J. Durkan D. Duffy C. O’Sullivan
Economic Assessment of the Euro Area	Grant-in-Aid	In progress	J. FitzGerald A. Bergin EUROFRAME Group
Consumer Sentiment Index	KBC Bank	In progress	D. Duffy D. Watson
Savings Index for Ireland	Nationwide UK	In progress	D. Duffy D. Watson
Survey Consultancy: Household Financial Survey	Central Bank of Ireland	In progress	D. Watson
Provision of Economic Analysis and Forecasting Services	IDEAS Programme Vietnam, Irish Aid	In progress	J. FitzGerald I. Kearney D. Duffy A. Bergin

MACROECONOMICS (continued)

Journal Articles

“Irish Government Debt and Implied Debt Dynamics: 2011-2015”, *Quarterly Economic Commentary*, Autumn 2011, pp. 53-80, **John FitzGerald, Ide Kearney**.

“The Banking Sector and Recovery in the EU Economy”, *National Institute Economic Review*, No. 216, April 2011, pp. 41-52, Ray Barrell, Tatiana Fic, **John FitzGerald**, Ali Orazgani, Rachel Whitworth.

“The Irish Fiscal Crisis”, *National Institute Economic Review*, No. 217, July 2011, pp. R47-R59, **Adele Bergin, John FitzGerald, Ide Kearney, Cormac O’Sullivan**.

“The Macroeconomic Impact of Changing the Rate of Corporation Tax”, *Economic Modelling*, Vol. 28, Issue 3, May 2011, pp. 991-999, **Thomas Conefrey, John FitzGerald**.

“User Cost and Irish House Prices”, *Quarterly Economic Commentary*, Autumn 2011, pp. 39-51, **David Duffy**.

Reports and Other Publications

Quarterly Economic Commentary, Winter 2010, ESRI Forecasting Series, **Alan Barrett, Ide Kearney, Thomas Conefrey, Cormac O’Sullivan**.

Quarterly Economic Commentary, Spring 2011, ESRI Forecasting Series, **Joe Durkan, Cormac O’Sullivan**.

Quarterly Economic Commentary, Summer 2011, ESRI Forecasting Series, **Joe Durkan, David Duffy, Cormac O’Sullivan**.

Quarterly Economic Commentary, Autumn 2011, ESRI Forecasting Series, **Joe Durkan, David Duffy, Cormac O’Sullivan**.

ESRI Research Bulletins

“The Banking Sector and Recovery in the EU Economy”, ESRI Research Bulletin No. 2011/2/2, Ray Barrell, **John FitzGerald**.

“The Macroeconomic Impact of Changing the Rate of Corporation Tax”, ESRI Research Bulletin No. 2011/2/1, **Thomas Conefrey, John FitzGerald**.

ESRI Working Papers

WP415: “Restoring Credibility in Policy Making in Ireland”, **John FitzGerald**.

WP412: “UK Tourists, The Great Recession and Irish Tourism Policy”, **Niamh Callaghan, Richard S. J. Tol**.

WP384: “The Irish Economy Today: Albatross or Phoenix?”, **John FitzGerald**.

ESRI Submissions

“Reflections on the Department of Finance Proposals on Reforming the Budgetary Framework”, ESRI Submission No. 2011/3, **Adele Bergin, Joe Durkan, John FitzGerald, Ide Kearney**.

Presentations/Papers Read to Conferences and Learned Societies

“A Vibrant Rural Economy – Reality or a Pipe Dream”, National Rural Development Conference, Mullingar, October, **Edgar Morgenroth**.

“Behavioural Economics and Policy: Learning from the Early Adopters”, Irish Economics and Psychology Conference, Geary Institute, UCD, November, **Pete Lunn**.

“Constructing a National House Price Index for Ireland”, discussant: Statistical and Social Inquiry Society of Ireland Meeting, Dublin, May, **David Duffy**.

“Fiscal Policy: 2012-15”, The Institute of International and European Affairs (IIEA), Dublin, December, **John FitzGerald**.

“Globalisation, Diversity and Economic Renewal”, discussant: Dublin City Council/GLEN, September, **Frances Ruane**.

MACROECONOMICS (continued)

“House Prices”, discussant: 58th World Statistics Congress, Dublin, August, **David Duffy**.

“Ireland, Exit from Crisis”, Dáil Committee on Economic and Financial Affairs, Dublin; Danish Employers’ Confederation, Dublin; the Institute for World Economics Conference, Berlin, September, **John FitzGerald**.

“Labour Market Adjustment: Ireland after the Crisis”, EUROFRAME Conference, Helsinki, June, **John FitzGerald**.

“Many Molehills Make a Mountain”, Competition Authority 20th Anniversary Conference: ‘The Role of Competition in Ireland’s Economic Recovery’, June, **John FitzGerald**.

“Macroeconomic Context for Budget 2012”, ESRI-FFS Annual Conference: ‘Budget Perspectives 2012’, Dublin, October, **Joe Durkan, David Duffy, Cormac O’Sullivan**.

“Managing Housing Markets Under EMU: The Case of Ireland”, Directorate General for Economic and Financial Affairs (DG ECFIN) Expert Group, Brussels, December, **John FitzGerald**.

“Negative Equity in the Irish Housing Market: A Loan Level Analysis”, Central Bank Mortgage Market Conference, Dublin, October, **David Duffy, Niall O’Hanlon (CSO)**.

“Restoring Confidence in National Treasuries: Ireland”, Chartered Institute of Public Finance and Accountancy (CIPFA) Conference, London, March, **John FitzGerald**.

“Role of Education in Economic Recovery”, TEAGASC Conference, Dublin, February, **John FitzGerald**.

“Setting the Context”, OECD-Pobal International

Conference: ‘Building Quality Jobs in the Recovery’, Dublin, October, **Ida Kearney**.

“Scandinavian Models of Economics Growth – What can we learn from them?”, Economic Forum, Krynica, Poland, September, **Frances Ruane**.

“To Convergence and Beyond: Human Capital, Economic Adjustment and a Return to Growth”, Directorate General for Economic and Financial Affairs (DG ECFIN) Research Conference: ‘New Growth Models for Europe’, Brussels, November; Queen’s University Belfast, November, **John FitzGerald**.

“The Importance of Urban Centres for (Smart) Growth”, Regional Studies Association, Irish Branch, NUI Maynooth, September, **Edgar Morgenroth**.

“The Irish Economy Today: Albatross or Phoenix?”, 2nd International Conference on the Irish Economy: ‘Whither the Irish Economy’, Lehigh University, Pennsylvania, USA, April, **John FitzGerald**.

ESRI Seminars

“Delivering Professional Economic Advice in Government – The Northern Ireland Experience over the Last Decade”, Michael Brennan, Department of Finance and Personnel, Northern Ireland.

“Impairment and Negative Equity in the Irish Mortgage Market”, Yvonne McCarthy, Central Bank of Ireland.

“Inflation Expectations, Central Bank Credibility and the Global Financial Crisis”, **Petra Gerlach-Kristen**, ESRI.

“The Role of Decision-Making Biases in Ireland’s Banking Crisis”, **Pete Lunn**, ESRI.

INTERNATIONALISATION AND COMPETITIVENESS

This research programme focuses on the links between international integration and technological change and their effects on productivity, competitiveness and economic growth. Research in 2011 focused on the following three themes:

(a) *Internationalisation of Services, Productivity and Growth*. This research is part of an international project (SERVICEGAP) funded under the **EU RTD Framework Programme (FP7)**. It focuses on the analysis of international trade and investment in services in European Union countries. One strand of this project highlighted the importance of trade in services, which firms trade, what and how much they trade. Further, it examined the extent to which exporters and importers in the services sectors had higher productivity and wage premia compared to non-traders and whether changing trading status was associated with increases in employment, wages and productivity. A second strand analysed the extent and characteristics of foreign mergers and acquisitions in services and their effects on firm productivity and employment growth. A third strand of research examined the relationship between the internationalisation of firms in services and their innovation performance. This research showed that in Ireland domestic exporters were more likely than non-exporters to engage in R&D and innovation and were more likely to be successful in terms of innovation output, even when accounting for individual firm characteristics. Further, it found that co-operation with suppliers was positively associated with all innovation types, while knowledge flows from customers and from the government or public research institutes were positively linked to product innovation. Co-operation with universities was positively linked to innovation measured by patents.

(b) *International Competitiveness and Productivity*. This research, which was part of a project funded

by a grant from the **Irish Research Council for the Humanities and Social Sciences (IRCHSS)**, examined the effect of changes in the real exchange rate on firms' labour productivity growth in Ireland. It found that a reduction in international competitive pressure due to a real exchange rate depreciation (appreciation) through exports (import costs) led to an increase in labour productivity growth once the respective exposure levels were sufficiently high. Further, this research found that the higher the level of import competition in a sector, the stronger was a firm's labour productivity growth response to a real exchange rate appreciation.

(c) *Internationalisation, Innovation and Productivity*. This research was funded by a grant from the **FBD Trust** and analysed the innovation performance of enterprises in Ireland which have global linkages compared with those that do not. This research found that in foreign-owned enterprises higher productivity was generated by the introduction of new and improved products, while in Irish-owned enterprises, higher productivity was generated more by improvements in the efficiency of production through process and organisational innovation.



Michael Kelly (Higher Education Authority) and Michael Scanlan (Department of Health) at the ESRI/FFS "Budget Perspectives" Conference, 13 October, 2011.

INTERNATIONALISATION AND COMPETITIVENESS (continued)

Programme Coordinator: Iulia Siedschlag

Others working in this area include: Adele Bergin, John FitzGerald, Stefanie Haller, John McQuinn, Edgar Morgenroth, Anne Pentecost, Frances Ruane.

Project Title	Client/Funding Agency	Status	Researchers
Innovation in Services and its Impact on Enterprise Productivity	Grant-in-Aid	Completed	I. Siedschlag F. Ruane D. Smith
Productivity and International Competitiveness	FBD Trust	In progress	I. Siedschlag F. Ruane X. Zhang
Turning Globalisation to National Advantage: Economic Policy Lessons from Ireland's Experience	Irish Research Council for the Humanities and Social Sciences (IRCHSS)	Completed	J. FitzGerald I. Siedschlag S. Haller G. Murphy K. Mayor J. McQuinn
The Impact of Service Sector Innovation and Internationalisation on Growth and Productivity (SERVICEGAP)	European Commission, DG Research and Innovation, FP7	In progress	I. Siedschlag J. FitzGerald S. Haller D. Smith X. Zhang J. McQuinn
Employment 2025: How will Multiple Transitions Affect the European Labour Market (NEUJOBS)	European Commission, DG Research and Innovation, FP7	In progress	I. Siedschlag J. McQuinn
The Knowledge Economy, Economic Transformations and ICT in the EU25+: Regional Dynamics in the Deployment Phase	European Commission, Joint Research Centre	Completed	I. Siedschlag D. Smith G. Murphy

INTERNATIONALISATION AND COMPETITIVENESS (continued)

Journal Articles

“Determinants of ICT Adoption: Evidence from Firm-level Data”, *Applied Economics*, Vol. 43, Issue 26, October 2011, pp. 3775-3788, **Stefanie Haller**, **Iulia Siedschlag**.

“Foreign Firms and Host Country Productivity: Does the Mode of Entry Matter?”, *Oxford Economic Papers*, Vol. 63, Issue 1, January 2011, pp. 158-186, Ragnhild Balsvik, **Stefanie Haller**.

“Has the Euro Boosted Intra-Euro Area Exports? Evidence from Industry Data”, *Review of Economics and Institutions*, Vol. 2, No. 3, Fall 2011, pp. 1-22, **Gavin Murphy**, **Iulia Siedschlag**.

“Regional Output Growth Synchronisation with the Euro Area”, *Empirica*, Vol. 38, No. 2, May 2011, pp. 203-221, **Iulia Siedschlag**, Gabriele Tondl.

Reports and Other Publications

Innovation, Growth and Competitiveness: Dynamic Regions in the Knowledge-Based World Economy, Springer, Heidelberg, Peter Nijkamp*, **Iulia Siedschlag** (eds.).

Internationalisation of Services, Productivity and Economic Growth: Literature Review, SERVICEGAP Review Paper No. 5, Holger Görg, **Stefanie Haller**, **Iulia Siedschlag**.

Labour Market Models in the EU, CEPS, Brussels, Ferry Koster, **John McQuinn**, **Iulia Siedschlag**, Olaf Van Vliet.

“Boosting Innovation and Productivity in Enterprises: What Works?”, ESRI Economic Renewal Series No. 3, **Frances Ruane**, **Iulia Siedschlag**.

Chapters in Books and Reports

“Economic Growth, Innovation and Competitiveness in a Knowledge-Based World

Economy: Introduction”, Peter Nijkamp*, **Iulia Siedschlag** (eds.), *Innovation, Growth and Competitiveness: Dynamic Regions in the Knowledge-Based World Economy*, pp. 1-11, Springer, Heidelberg, Peter Nijkamp*, **Iulia Siedschlag**, **Donal Smith**.

ESRI Research Bulletins

“The Effects of the Euro on Intra-Euro Area Exports”, ESRI Research Bulletin No. 2011/3/3, **Gavin Murphy**, **Iulia Siedschlag**.

ESRI Working Papers

WP406: “Internationalisation and the Innovation Activities of Services Firms”, **Iulia Siedschlag**, Neil Killeen, Donal Smith, Caitriona O’Brien.

WP395: “Do Domestic Firms Benefit from Foreign Presence and Competition in Irish Services Sectors?”, **Stefanie Haller**.

Presentations/Papers Read to Conferences and Learned Societies

“Are Irish Trade Missions Effective?”, Department of Economics, NUIM Maynooth, December, **Edgar Morgenroth**.

“Boosting Innovation and Productivity in Enterprises: What Works?”, ESRI Renewal Conference: ‘Increasing Ireland’s Productivity and Growth’, ESRI, Dublin, November, **Frances Ruane**, **Iulia Siedschlag**.

“Determinants of Innovation in Services”, International Conference: ‘The Impact of Service Sector Innovation and Internationalisation on Productivity and Growth’, ESRI, Dublin, June, **Iulia Siedschlag**.

“Do Domestic Firms Benefit from Foreign Presence and Competition in Irish Services Sectors?”, Irish Economic Association Annual Conference, Limerick, April, **Stefanie Haller**.

* Denotes ESRI Research Affiliate.

INTERNATIONALISATION AND COMPETITIVENESS (continued)

“Exporters and Exchange Rates”, European Trade Study Group, 2011 Conference, Copenhagen; the International Study Group on Exports and Productivity (ISGEP) Workshop 2011, Leuphana University, Lüneburg, September, **Stefanie Haller**.

“Internationalisation and Innovation Activities of Services Firms”, ICTNET Workshop ‘ICT, Productivity and Growth and ICT-Enabled Innovation’, OECD, European Commission, ZEW, Mannheim, October, **Iulia Siedschlag**.

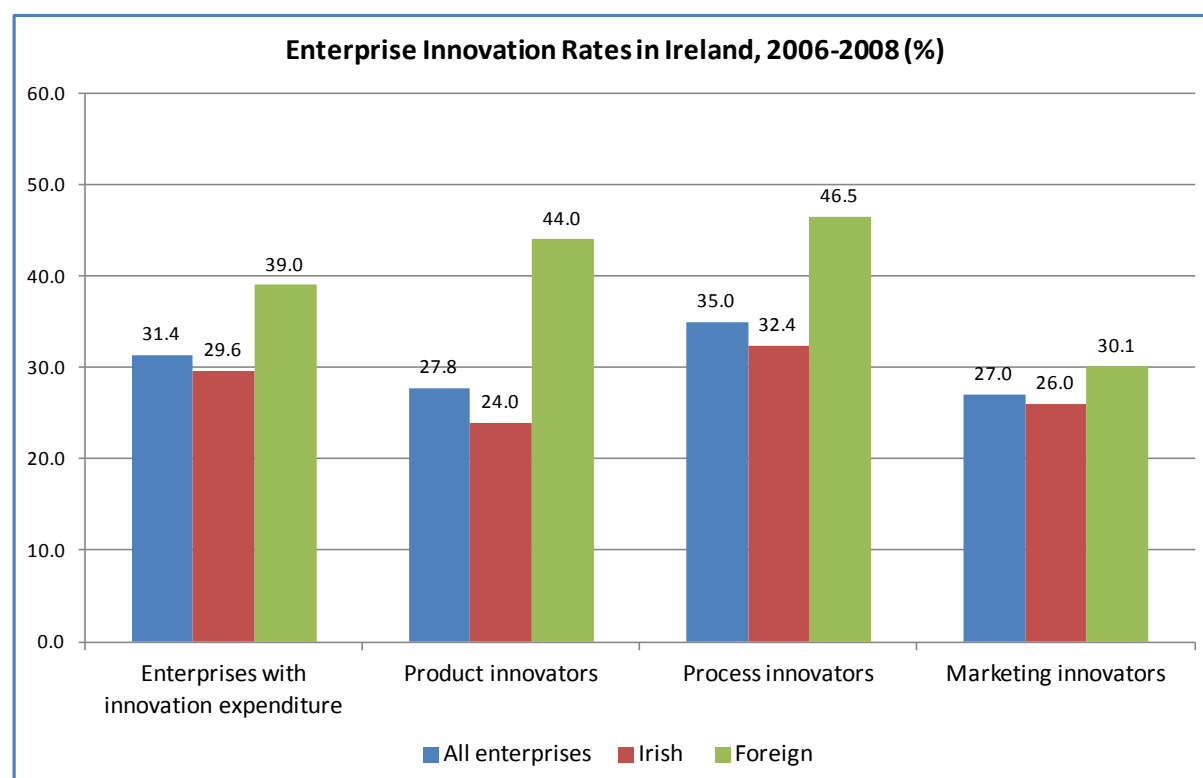
“Internationalisation of Services, Innovation and Productivity”, European Trade Study Group, 2011 Conference, Copenhagen, September, **Iulia Siedschlag**.

“The Effects of the Internationalisation of

Firms on Innovation and Productivity”, 3rd CSO Business Statistics Seminar, Central Statistics Office, Dublin, March, **Iulia Siedschlag**; Irish Economic Association Annual Conference, Limerick, April, **Xiaoheng Zhang**; European Economics Association 2011 Congress, Oslo, August, **Iulia Siedschlag**.

“The Effects of International Investment on Firm Productivity and Employment Growth”, International Conference: ‘The Impact of Service Sector Innovation and Internationalisation on Productivity and Growth’, ESRI, Dublin, June, **Iulia Siedschlag, Xiaoheng Zhang**.

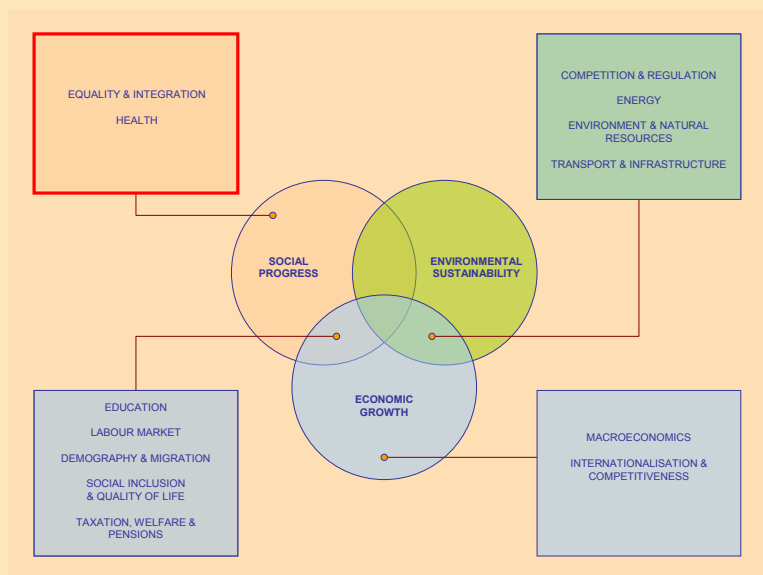
“The Research Performance of Business Schools and Scholars in Ireland”, University of Limerick, April, **Richard S. J. Tol**.



Data Source: Community Innovation Survey 2006-2008, Central Statistics Office Ireland.

International evidence indicates that innovation is a key driver of productivity, competitiveness and sustainable long-term economic growth. Innovation rates are higher in foreign-owned enterprises in comparison to Irish-owned enterprises.

Social Progress



There are two programmes of research in this area:

- **Equality and Integration** (coordinated by Dr Helen Russell and Dr Frances McGinnity) and
- **Health** (coordinated by Professor Richard Layte and Professor Miriam Wiley)

EQUALITY AND INTEGRATION

ESRI research on Equality investigates inequalities in opportunities and in outcomes, exploring the processes that led to inequality. The research focuses particularly on assessing the role of public policies in underpinning or reducing inequalities.

During 2011 the ESRI conducted an analysis of workplace equality policies, flexible working arrangements and their impact using the NCPP/ESRI 2009 National Workplace Survey, comparing this to an earlier Survey in 2003. This project, co-funded by the **Equality Authority** and by the **European Union Programme for Employment and Social Solidarity – PROGRESS (2007-2013)**, found a clear rise in the coverage of equality policies and flexible working arrangements between 2003 and 2009, in spite of the recession. In terms of employee well-being, a striking finding was that while part-time work is associated with lower work pressure and work-life conflict for employees, the opposite is true for working from home.

Research commissioned by the **Crisis Pregnancy Agency** and the **Equality Authority** found that although employment during pregnancy was a positive experience for most women, there

is evidence that a significant minority face unfavourable treatment. This ranges from inappropriate workloads, loss of salary/bonuses, denial of promotion through to dismissal. Such experiences can have significant financial, emotional and health costs for these women.

2011 saw completion of the Research Programme on Equality and Discrimination, funded by the **Equality Authority**. The final study used the full *2006 Census* microdata file to examine the effect of belonging to groups identified by all nine grounds in the Equality legislation – gender; civil status; family status; sexual orientation; religion; age; disability; race and membership of the Traveller community. The research highlighted the disadvantage experienced by Travellers and people with a disability across all or most outcomes. The research also examined the implications of belonging to more than one disadvantaged group, such as being a woman and having a disability. The findings indicated that the impact is complex, and does not necessarily lead to ‘double disadvantage’.

Work progressed on monitoring migrant integration in Ireland. Having developed the

EQUALITY AND INTEGRATION (continued)

methodology to monitor integration, the first of four annual monitoring reports funded by **The Integration Centre** was published. This report compared Irish and non-Irish nationals in terms of employment, education, social inclusion and active citizenship. It also presented a special theme on immigrants in the workplace. A new cross-national European project with colleagues from

TCD, funded under the **NORFACE** programme, investigated socio-cultural integration of new immigrants in Germany, the Netherlands, Ireland and Great Britain. In Ireland this project piloted a pioneering method for surveying hard-to-reach population – Respondent Driven Sampling. Fieldwork in Ireland for the first wave was completed in December 2011.

Programme Coordinators: Helen Russell and Frances McGinnity

Others working in this area include: Joanne Banks, Tim Callan, Merike Darmody, Corona Joyce, Claire Keane, Elish Kelly, Gillian Kingston, Richard Layte, Pete Lunn, Bertrand Maître, Selina McCoy, Seamus McGuinness, Anne Nolan, Philip O’Connell, Emma Quinn, Emer Smyth, Dorothy Watson.

Project Title	Client/Funding Agency	Status	Researchers
Research Programme on Equality and Discrimination Multiple Inequalities: An Analysis of <i>Census 2006</i> Data	The Equality Authority	Completed	H. Russell P. Lunn D. Watson
Equality and Discrimination in Ireland: Evidence from the QNHS Equality Module 2010	The Equality Authority/ EU PROGRESS Programme 2007-2013	In progress	F. McGinnity D. Watson P. J. O’Connell E. Kelly G. Kingston
Workplace Equality Policies, Flexible Working Arrangements and their Impact: Analysis of the 2009 National Workplace Survey	The Equality Authority/ EU PROGRESS Programme 2007-2013	Completed	H. Russell F. McGinnity
Women’s Experiences of Pregnancy at Work with a View to Assessing Levels of Pregnancy Related Discrimination in Ireland – Stage 2	Crisis Pregnancy Agency and the Equality Authority	Completed	H. Russell D. Watson J. Banks
Annual Integration Monitor	The Integration Centre	In progress	F. McGinnity E. Quinn P. J. O’Connell G. Kingston
Causes and Consequences of Early Socio-Cultural Integration Processes Among New Immigrants in Europe	NORFACE	In progress	F. McGinnity E. Quinn

EQUALITY AND INTEGRATION (continued)

Journal Articles

“Measuring Discrimination Facing Ethnic Minority Candidates: An Irish Experiment”, *Work Employment and Society*, Vol. 25, No. 4, December 2011, pp. 693-708, **Frances McGinnity, Pete Lunn.**

Reports and Other Publications

Annual Monitoring Report on Integration 2010, ESRI/The Integration Centre, Dublin, **Frances McGinnity, Emma Quinn, Philip J. O’Connell, Nora Donnelly.**

Pregnancy and Employment: A Literature Review, HSE Crisis Pregnancy Programme and the Equality Authority, Dublin, **Joanne Banks, Helen Russell.**

Pregnancy at Work: A National Survey, HSE Crisis Pregnancy Programme and the Equality Authority, Dublin, **Helen Russell, Dorothy Watson, Joanne Banks.**

Pregnancy Discrimination in the Workplace: Legal Framework and Review of Legal Decisions 1999 to 2008, HSE Crisis Pregnancy Programme and the Equality Authority, Dublin, **Joanne Banks, Helen Russell.**

Workplace Equality in the Recession? The Incidence and Impact of Equality Policies and Flexible Working, The Equality Authority and the ESRI, Dublin, **Frances McGinnity, Helen Russell.**

Chapters in Books and Reports

“New School, New System: The Experiences of Immigrant Students in Irish Schools”, Zvi Beckerman, Thomas Geisen (eds.), *International Handbook of Migration, Minorities and Education – Understanding Cultural and Social Differences in Processes of Learning*, pp. 282-299, Springer, **Merike Darmody, Emer Smyth, Delma Byrne, Frances McGinnity.**

ESRI Research Bulletins

“Equality and Discrimination: Lessons from a Research Programme and a Conference”, ESRI Research Bulletin No. 2011/1/1, **Frances McGinnity, Helen Russell.**

Presentations/Papers Read to Conferences and Learned Societies

“Statistical Discrimination in Recruitment? Evidence from a Field Experiment in Ireland”, International Confederation for the Advancement of Behavioural Economics and Economic Psychology Conference, Exeter, UK, July, **Pete Lunn.**

“The Impact of Recession on Work Pressure”, Spring Meeting of the ISA RC28 on Social Stratification and Mobility in Essex, UK, April, **Frances McGinnity, Helen Russell.**

ESRI Seminars

“Climbing the Social Class Ladder: Does Education Matter for Social Mobility in Scotland?”, Cristina Iannelli, University of Edinburgh.



Joan Burton, TD, Minister for Social Protection with Dorothy Watson and Frances Ruane (Director) at the Seminar “Promoting Social Inclusion for People with Disabilities: National and European Perspectives”, 21 September 2011.

HEALTH

The health research programme has two overall objectives: (1) to examine the pattern of variation in health and well being across the population and in particular, the manner in which this is related to socio-economic position and (2) to analyse the structure and functioning of the Irish healthcare system and its implications for the quality of individual care, economic efficiency and sustainability and the equity of healthcare utilisation.

Children: Research supported by the **Health Research Board** (HRB) has examined the process of 'health selection' which explores the links between a child's social background, health and educational development. Results from this research show that being breastfed is significantly associated with improved reading and maths scores at age nine and that longer durations of breastfeeding are more beneficial.

Other research related to early childhood, using the National Perinatal Reporting System (NPRS) and Hospital In-Patient Enquiry (HIPE) data, showed a steady increase in Caesarean Section rates since 1999, only half of which was explained by the changing characteristics of mothers and the clinical complications that this brings. Further research in this area is planned using data from *Growing Up in Ireland* as well as from NPRS and HIPE.

Older People: Research has shown that increased use of GPs since 2000, partly due to the over 70s medical card, has contributed to lower mortality rates and decreased levels of hospitalisation among older people. However, research also shows that changed cardiovascular prescribing practices among Irish GPs played a more significant role.

Palliative Care: In joint research with Trinity College, and funded by **The Atlantic Philanthropies**, researchers are undertaking an

economic evaluation of palliative care services in Ireland. The systematic literature review shows that palliative care is often found to be less costly relative to care in acute hospitals although there may be complex interactions with diagnosis (e.g., cancer/non-cancer distinctions), age groups and other factors.

Stroke: Preliminary findings from a major project, supported by the **Irish Heart Foundation**, on the benefits of access to enhanced stroke services show that such services can yield substantial savings by reducing the number of stroke survivors in need of nursing home care. Related research is now exploring how this improved access impacts on length of hospital stay using the HIPE data.

Efficiency and Quality: 2011 saw completion of the study of *Diagnosis-Related Groups (DRGs)*, funded under the **EU Framework Programme** (FP7). It produced a comprehensive analysis of DRG systems adopted in the 12 participating countries, from the perspective of provider efficiency, quality of care and technological innovation. Other research concluded that pay for performance schemes should not be introduced into the Irish healthcare system until the many complexities in provider reimbursement, public/private interaction and patient access are resolved.

Equality: A study of the relationship between national income, inequality and mental well-being in 27 European countries (adjusting for individual demographics, employment and education) found evidence that increasing inequality has a corrosive impact on mental well-being through individual social comparisons and interpersonal trust. Research on nutrition showed that the combination of being socially disadvantaged and living in a poor area significantly decreases dietary quality and is likely to contribute to socio-economic inequalities in health and life expectancy.

Social Progress

HEALTH (continued)

Programme Coordinators: Richard Layte and Miriam Wiley

Others working in this area include: Sheelagh Bonham, Aoife Brick, Jacqui Curley, Eoin Feeney, Conor Keegan, Brian McCarthy, Cathal McCrory, Aisling Mulligan, Deirdre Murphy, Aisling Murray, Anne Nolan, Cliona O'Donovan, Sinead O'Hara, Jacqueline O'Reilly, Samantha Smith, Maeve Thornton, Amanda Quail.

Project Title	Client/Funding Agency	Status	Researchers
Day Surgery In Ireland: The Development, Implementation and Evaluation of an Evidence Based and Consensus Derived Best Practice Model	Health Research Board	In progress	S. Cowman (RCSI) G. Gethin (RCSI) E. Clarke (RCSI) E. Mulligan (RCSI) B. Meshkat (RCSI) M. M. Wiley A. Brick
The Longitudinal Analysis of Child Health and Development in Ireland	Health Research Board	In progress	R. Layte A. Nolan D. O'Reilly (QUB) D. McVicar (QUB) E. Lazarove (QUB)
Diagnosis-Related Groups (DRGs) in Europe: Towards Efficiency and Quality	European Commission (FP7)	2009-2011	J. O'Reilly M.M. Wiley B. McCarthy
Palliative Care Services	The Atlantic Philanthropies	2011-2013	A. Brick C. Normand (TCD) S. Smith S. O'Hara

Journal Articles

"An Extension in Eligibility for Free Primary Care and Avoidable Hospitalisations: A Natural Experiment", *Social Science and Medicine*, Vol. 73, Issue 7, October, pp. 978-985, **Anne Nolan**.

"Equity in Health Care: the Irish Perspective", *Health Economics, Policy and Law*, Vol. 6, Issue 2, 2011, pp. 205-217, **Samantha Smith**, Charles Normand.

"Explaining Structural Change in Cardiovascular Mortality in Ireland 1995-2005: A Time Series Analysis", *The European Journal of Public Health*, Vol. 21, Issue 5, October 2011, pp. 597-602, **Richard Layte**, **Sinead O'Hara**, Kathleen Bennett.

"Exploring Trends in the Rate of Caesarean Section in Ireland 1999-2007", *The Economic and Social Review*, Vol. 42, No. 4, pp.383-406, **Aoife Brick**, **Richard Layte**.

HEALTH (continued)

“From Prevention to Nursing Home Care: A Comprehensive National Audit of Stroke Care”, *Cerebrovascular Diseases*, Vol. 32, No. 4, 2011, pp. 385-392, Frances Horgan, Hannah McGee, Anne Hickey, David Whitford, Seán Murphy, Maeve Royston, Seamus Cowman, Emer Shelley, Ronan Conroy, **Miriam M. Wiley**, Desmond O’Neill.

“Irish Exceptionalism? Local Food Environments and Dietary Quality”, *Journal of Epidemiology and Community Health*, Vol. 65, pp. 881-888, **Richard Layte**, Janas Harrington, **Eithne Sexton**, Ivan Perry, John Cullinan, **Seán Lyons**.

“Sociodemographic, Health and Lifestyle Predictors of Poor Diets”, *Public Health Nutrition*, Vol. 14, Issue 12, December 2011, pp. 2166-2175, Janas Harrington, Anthony P. FitzGerald, **Richard Layte**, Jennifer Lutomski, Michal Molcho, Ivan Perry.

“The Effect of Breastfeeding on Children’s Educational Test Scores at Nine Years of Age: Results of an Irish Cohort Study”, *Social Science and Medicine*, Vol. 72, Issue 9, May, pp. 1515-1521, **Cathal McCrory**, **Richard Layte**.

Reports and Other Publications

Activity in Acute Public Hospitals in Ireland, 2010 Annual Report, ESRI Survey and Statistical Report Series No. 39, ESRI, Dublin, **Health Research and Information Division**.

Diagnosis-Related Groups in Europe: Moving Towards Transparency, Efficiency and Quality in Hospitals, Open University Press and WHO Regional Office for Europe, Maidenhead, Reinhard Busse, Alexander Geissler, Wilm Quentin, **Miriam M. Wiley**.

Growing Up in Ireland – National Longitudinal Study of Children: Overweight and Obesity, Stationery Office, Dublin, **Richard Layte**, **Cathal McCrory**.

Perinatal Statistics Report 2009, ESRI Survey and Statistical Report Series No. 36, ESRI, Dublin, **Health Research and Information Division**.

“The Potential Role of Pay-for-Performance in Irish Health Care”, ESRI Economic Renewal Series No. 4, **Anne Nolan**, **Jacqueline O’Reilly**, **Samantha Smith**, **Aoife Brick**.

Chapters in Books and Reports

“DRG-based Hospital Payment and Efficiency: Theory, Evidence, and Challenges”, Reinhard Busse, Alexander Geissler, Wilm Quentin, **Miriam M. Wiley** (eds.), *Diagnosis-Related Groups in Europe: Moving Towards Transparency, Efficiency and Quality in Hospitals*, pp. 93-114, Open University Press and WHO Regional Office for Europe, Maidenhead, Andrew Street, **Jacqueline O’Reilly**, Padraic Ward, Anne Mason.

“From the Origins of DRGs to their Implementation in Europe”, Reinhard Busse, Alexander Geissler, Wilm Quentin, **Miriam M. Wiley** (eds.), *Diagnosis-Related Groups in Europe: Moving Towards Transparency, Efficiency and Quality in Hospitals*, pp. 3-7, Open University Press and WHO Regional Office for Europe, Maidenhead, **Miriam M. Wiley**.

“Health: Funding, Access and Efficiency”, John O’Hagan, Carol Newman (eds.), *The Economy of Ireland*, Gill and Macmillan, Dublin, **Anne Nolan**.



L to R: Anne Nolan, Jacqueline O’Reilly, Liam Woods (Health Service Executive) at the ESRI Conference on Economic Renewal: ‘Public Services’, 14 December 2011.

HEALTH (continued)

“Ireland: A Review of Casemix Applications Within the Acute Public Hospital System”, Reinhard Busse, Alexander Geissler, Wilm Quentin, **Miriam M. Wiley** (eds.), *Diagnosis-Related Groups in Europe: Moving Towards Transparency, Efficiency and Quality in Hospitals*, pp. 273-292, Open University Press and WHO Regional Office for Europe, Maidenhead, **Jacqueline O’Reilly, Brian McCarthy, Miriam M. Wiley.**

“The Irish Health Care System”, Himanshu Sekhar Rout (ed.), *Health Care Systems – A Global Survey*, pp. 218-235, New Century Publications, New Delhi, **Samantha Smith.**

ESRI Research Bulletins

“A Good News Story About Irish Health Care”, ESRI Research Bulletin No. 2010/4/1, **Richard Layte.**

“Creating a Health Promoting Environment: The Role of Food Access”, ESRI Research Bulletin No. 2011/1/2, **Richard Layte.**

“Cultural Differences in Parenting Practices”, ESRI Research Bulletin No. 2010/4/4, **Aisling Murray.**

“Investing in Child Health and Development: The Impact of Breastfeeding on Children’s School Performance”, ESRI Research Bulletin No. 2011/2/4, **Richard Layte, Cathal McCrory.**



Republic of Moldova officials with members of the Health Research and Information Division, Case Mix Study tour, April 2011.

“Public and Private Utilisation of In-Patient Beds in Irish Acute Public Hospitals”, ESRI Research Bulletin No. 2010/4/5, **Jacqueline O’Reilly, Miriam M. Wiley.**

ESRI Working Papers

WP414: “The Impact of Changes in Educational Attainment on Life Expectancy in Ireland”, **John FitzGerald, David Byrne, Nuša Žnuderl.**

Presentations/Papers Read to Conferences and Learned Societies

“Births Following Fertility Treatment in the *GUI* Infant Cohort”, *Growing Up in Ireland* Annual Research Conference, Dublin, December, **Aisling Murray.**

“Children’s Well-Being in Vulnerable Families”, *Growing Up in Ireland* Annual Research Conference, Dublin, December, **Richard Layte, Colette McAuley (UCD).**

“Collecting Hospital Patient Data in Ireland – The Next Generation”, 27th Patient Classifications Systems International (PCSI) Conference, Montreal, Canada, October, **Philip Dunne.**

“Data Quality Considerations with Increasing Access and Timeliness of Irish Hospital Activity Data”, 27th Patient Classifications Systems International (PCSI) Conference, Montreal, Canada, October, **Deirdre Murphy.**

“Delinquent Behaviour and Temperament in a Nationally-representative Group of Children Aged 9-years”, British Psychology Society Annual Conference, Glasgow, May, **Aisling Murray.**

“Diagnosis Related Groups in Europe”, EuroDRG Final Conference, Berlin, November, **Miriam M. Wiley.**

“Expanding Access to Enhanced Stroke Services in Ireland – Modelling the Economic Impact”, International Health Economics Association 8th World Congress, Toronto, July, **Samantha Smith.**

HEALTH (continued)

“Health Care Reform and Irish General Practice”, Irish College of General Practitioners, May, **Frances Ruane**.

“Income Inequality and Status Perception”, 20th Anniversary Conference of the European Consortium for Sociological Research, University College Dublin, December, **Richard Layte**, Christopher T. Whelan* (UCD).

“Prenatal Smoking and Childhood Behavioural Problems: A Quasi-Experimental Approach”, *Growing Up in Ireland* Annual Research Conference, Dublin, December, **Cathal McCrory**, **Richard Layte**.

“Resource Allocation and Financing in the Health Sector”, ‘Nursing Homes of Ireland’ Annual Conference, November, **Frances Ruane**.

“The Expert Group on Resource Allocation – Joining up Health Policy and Service Delivery”, The Irish Social Policy Association, October, **Frances Ruane**.

“The Impact of the Local Food Environment on the Quality of Children’s Diet”, *Growing Up in Ireland* Annual Research Conference, Dublin, December, **Richard Layte**, **Seán Lyons**.

“The Potential Role of Pay-for-Performance in Irish Health Care”, ESRI Renewal Conference: ‘Public Services’, ESRI, Dublin, December, **Anne Nolan**, **Jacqueline O’Reilly**, **Samantha Smith**, **Aoife Brick**.

“Variation in Length of Stay Within Diagnosis Related Groups in Ireland: A Multilevel Assessment of Patient and Hospital Characteristics”, Irish Society for New Economists, Dublin, August, **Jacqueline O’Reilly**.

ESRI Seminars

“Ageing and the Balance of Care”, Maev-Ann Wren, Trinity College Dublin.

“Life Course Epidemiology: A New Multi-Disciplinary Science”, Siobhan Maty, Trinity College Dublin.

“Smoking Bans, Health and Happiness: Learning from YouTube, Amazon, the New England Journal of Medicine and Economic Theory”, Ian Irvine, Concordia University, Montreal.

“The Association Between Income Inequality and Mental Health: Testing Status Anxiety, Social Capital, and Neo-Materialist Explanations”, **Richard Layte**, ESRI.

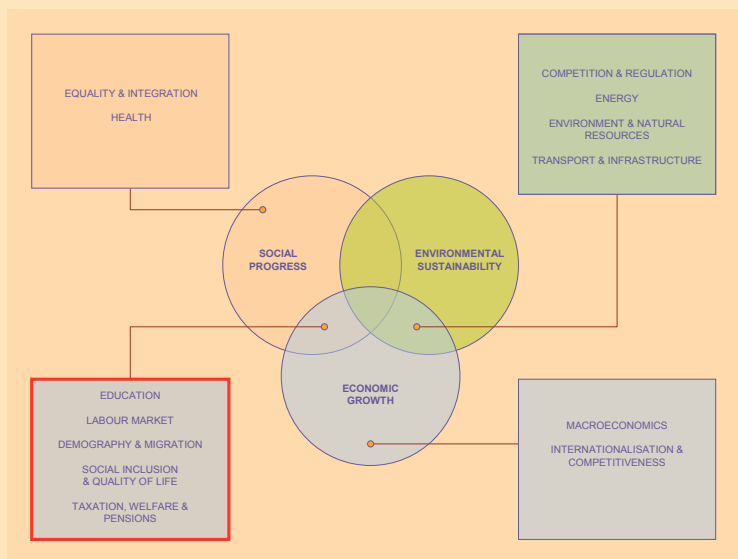
“Time Bomb or Damp Squib? Fertility in Contemporary Northern Ireland”, Pat McGregor, School of Economics, University of Ulster.



At the launch of the *Growing Up in Ireland* report on overweight and obesity among 9-year-old children, were, from left, Richard Layte, Minister for Health, James Reilly T.D., Minister for Children and Youth Affairs, Frances Fitzgerald T.D. and Cathal McCrory, November 2011.

* Denotes ESRI Research Affiliate.

Economic Growth and Social Progress



There are five programmes of research in this area:

- **Education**
(coordinated by Professor Emer Smyth and Dr Selina McCoy)
- **Labour Market**
(coordinated by Professor Philip O’Connell and Dr Seamus McGuinness)
- **Demography and Migration**
(coordinated by Professor Philip O’Connell)
- **Social Inclusion and Quality of Life**
(coordinated by Dr Dorothy Watson and Dr Helen Russell) and
- **Taxation, Welfare and Pensions**
(coordinated by Professor Tim Callan)

EDUCATION

The ESRI education research programme covers all levels of the Irish educational system, including early childhood education, the primary, second-level and higher education sectors, and continuing education and training. Informing policy development through engagement with stakeholders in the education sphere is of fundamental importance to the research agenda.

At primary level, the availability of the *Growing Up in Ireland (GUI)* survey data allowed valuable insights into primary education. Research for the **Teaching Council** highlighted important issues relating to teacher professional development and occupational stress levels. Research for the **National Council for Curriculum and Assessment** showed how children’s experiences vary quite dramatically depending on the school they attend and the teacher they have – with particular variation apparent in the amount of time spent on different subjects and in the teaching methodologies their teachers adopt. For the first time, the *GUI* data allowed an estimation of the

prevalence of special educational needs among primary level students – thereby overcoming a major limitation on the planning and provision of effective services by bodies such as the **Department of Education and Skills** and the **National Council for Special Education (NCSE)**. Finally, research for the **Department of Children and Youth Affairs** started to examine the way in which children’s out-of-school activities provide different opportunities for informal learning, with implications for equality of access to publicly funded play and leisure facilities.

School organisation and process continued to be a key focus of the research – specifically research on the senior cycle component of the Post-Primary Longitudinal Study (PPLS). This yielded important insights into the way in which the current Leaving Certificate model influences teaching and learning and will play an important role in reform of both the junior and senior cycles. A large-scale multi-method longitudinal study of special classes in Irish primary and post-primary schools, also

EDUCATION (continued)

funded by the **NCSE**, began in 2011. This research will assess the effectiveness of the special class model in primary and second-level schools, with implications for the nature of supports for students with special educational needs.

Research on young people's post-school transitions was also ongoing during 2011. The *Leaving School in Ireland* study, building on the PPLS, and overseen by a consortium of funders, is examining the post-school outcomes of young people who left school in 2007 and 2008, assessing

the factors influencing their decision-making, their skills and competencies and their post-school pathways. Finally, ESRI educational researchers worked with the **Higher Education Authority** to examine the individual level factors shaping student success in higher education. In examining institutional variation in student progression and retention, the study also demonstrated the importance of taking account of differences in the composition of student intakes in assessing the effectiveness of institutions.

Programme Coordinators: Emer Smyth and Selina McCoy

Others working in this area include: Joanne Banks, Merike Darmody, Denise Frawley, Elish Kelly, Seamus McGuinness, Léan McMahon, Philip O'Connell, Dorothy Watson.

Project Title	Client/Funding Agency	Status	Researchers
Continuous Professional Development among Primary Teachers and its Impact on Children's Outcomes	The Teaching Council	Completed	J. Banks E. Smyth
Determinants of Job Satisfaction and Job Stress among Primary Teachers and their Impact on Children's Outcomes	The Teaching Council	Completed	M. Darmody E. Smyth
A Profile of Educate Together Schools	Educate Together	In progress	M. Darmody E. Smyth S. McCoy

Economic Growth and Social Progress

EDUCATION (continued)

Project Title	Client/Funding Agency	Status	Researchers
Leaving School in Ireland	Consortium: Association of Secondary Teachers of Ireland; Department of Education and Skills; Further Education and Training Awards Council; Higher Education Authority; Higher Education and Training Awards Council; National Association of Principals and Deputy Principals; National Council for Curriculum and Assessment; National Council for Special Education; National Qualifications Authority of Ireland; Teachers Union of Ireland	In progress	S. McCoy E. Smyth D. Watson
The Special Class Model in Ireland: How is it Working for Pupils with Special Educational Needs in Mainstream Schools?	National Council for Special Education	In progress	S. McCoy J. Banks D. Watson D. Frawley M. Shevlin (TCD) F. Smyth (TCD) Partner: Amárach Research
Post-Primary Longitudinal Study: (i) The Transition to Senior Cycle (ii) A Study of Leaving Certificate Students	National Council for Curriculum and Assessment Department of Education and Skills	Completed	E. Smyth E. Calvert J. Banks
The Primary Classroom: Insights from the <i>Growing Up in Ireland</i> Study	National Council for Curriculum and Assessment Department of Education and Skills	Completed	J. Banks S. McCoy E. Smyth

EDUCATION (continued)

Project Title	Client/Funding Agency	Status	Researchers
Special Educational Needs Prevalence Study	National Council for Special Education	Completed	S. McCoy J. Banks
Research Project on the Educational Needs of Young People in Care	Ombudsman for Children's Office	In progress	M. Darmody L. McMahan J. Banks R. Gilligan (TCD) S. Greene (TCD)
Social Mix and Primary School Progress	Irish Research Council for the Humanities and Social Sciences under the auspices of the European Science Foundation EUROCORES ECRP Programme 2008	In progress	E. Smyth S. McCoy J. Banks D. Watson Partner: Amárach Research
National Expert on the Study on Educational Support for Newly Arrived Migrant Children	Public Policy and Management Institute, Lithuania	Completed	M. Darmody

Journal Articles

"Higher Education Expansion and Differentiation in the Republic of Ireland", *Higher Education*, Vol. 61, No. 3, March 2011, pp. 243-260, **Selina McCoy, Emer Smyth**.

"The Dynamics of Credentialism: Ireland from Bust to Boom (and Back Again)", *Research in Social Stratification and Mobility*, Vol. 29, Issue 1, 2011, pp. 91-106, **Emer Smyth, Selina McCoy**.

"'The Sooner the Better I Could Get Out of There': Barriers to Higher Education Access in Ireland", *Irish Educational Studies*, Vol. 30, Issue 2, 2011, pp. 141-157, **Selina McCoy, Delma Byrne**.

Reports and Other Publications

A Study on the Prevalence of Special Educational Needs, National Council for Special Education, Dublin, **Joanne Banks, Selina McCoy**.

Behind the Scenes? A Study of Parental Involvement in Post-Primary Education, The Liffey Press in association with the ESRI, the National Council for Curriculum and Assessment (NCCA), and the Department of Education and Skills (DES), Dublin, **Delma Byrne, Emer Smyth**.

Choices and Challenges: Moving from Junior Cycle to Senior Cycle Education, The Liffey Press in association with ESRI, NCCA and Department of Education and Skills, Dublin, **Emer Smyth, Emma Calvert**.

EDUCATION (continued)

Continuous Professional Development among Primary Teachers in Ireland, The Teaching Council and ESRI, Maynooth, **Joanne Banks, Emer Smyth**.

From Leaving Certificate to Leaving School: A Longitudinal Study of Sixth Year Students, The Liffey Press in association with ESRI, NCCA and Department of Education and Skills, Dublin, **Emer Smyth, Joanne Banks, Emma Calvert**.

Irish Educational Studies, Vol.30, No.2, June 2011, Special Issue: Transitions into and out of Higher Education, Rolf Van der Velden, **Emer Smyth** (eds.).

Job Satisfaction and Occupational Stress among Primary School Teachers and School Principals in Ireland, The Teaching Council and ESRI, Maynooth, **Merike Darmody, Emer Smyth**.

“Improving Second-level Education: Using Evidence for Policy Development”, ESRI Economic Renewal Series No. 5, **Emer Smyth, Selina McCoy**.

Chapters in Books and Reports

“Barriers to Higher Education Access in Ireland: Findings from a Large-scale Study”, Martin Flynn, Denis Staunton, Deirdre Creedon (eds), *Access: Are We Making the Right Connections?*, pp. 38-42, UCC and CIT, Cork, **Selina McCoy**.

“Barriers to School Involvement: Immigrant Parents in Ireland”, **Merike Darmody**, Naomi Tyrell, Steve Song (eds.), *The Changing Faces of Ireland: Exploring the Lives of Immigrant and Ethnic Minority Children*, pp. 145-163, Sense Publishers, Rotterdam, **Merike Darmody, Selina McCoy**.

ESRI Research Bulletins

“Progression in Higher Education: The Value of Multi-Variate Analysis”, ESRI Research Bulletin No. 2010/4/3, **Selina McCoy**, Delma Byrne.

ESRI Working Papers

WP393: “Decomposing the Impacts of Overeducation and Overskilling on Earnings and

Job Satisfaction: An Analysis Using REFLEX data”, Nuria Sánchez-Sánchez, **Seamus McGuinness**.

WP370: “Shapley Values for Assessing Research Production and Impact of Schools and Scholars”, **Richard S.J. Tol**.

Presentations/Papers Read to Conferences and Learned Societies

“A Study on the Prevalence of Special Educational Needs”, National Council for Special Education Annual Conference, Dublin, November, **Joanne Banks, Selina McCoy**.

“Boys are good at Maths!, Gender Stereotyping in Parents’ and Teachers’ Evaluations of Children’s Maths Performance”, American Educational Research Association Annual Conference, New Orleans, April, **Selina McCoy, Delma Byrne, Joanne Banks**.

“Constructing Parent-school Partnerships: Migrant Parents and Primary Schools in Ireland”, Educational Studies Association of Ireland (ESAI) Annual Conference: ‘Partnerships: Relationships of Educational Purpose’, the Church of Ireland College of Education, Dublin, April, **Merike Darmody**.



Emer Smyth, Brigid McManus (Department of Education and Skills) and Selina McCoy at the ESRI Conference on Economic Renewal: “Public Services”, 14 December 2011.

EDUCATION (continued)

“Doing the Leaving Certificate: Insights from a Longitudinal Study”, HEA/NCCA Conference: ‘Transition or Transaction? Moving from Second to Third Level Education in Ireland’, Dublin, September, **Emer Smyth**.

“Education Research: Writing for Multiple Audiences”, Public Lecture, Summer School on Education, University College Cork, July; the Graduate Summer School, University College Cork, September, **Emer Smyth**.

“Effectively Maintained Inequality in Ireland”, International Sociological Association (RC28): ‘Opportunity, Meritocracy and Changing Patterns of Social Inequality’, University of Iowa, August, Delma Byrne, **Selina McCoy**.

“Early School Leaving: What Does the Evidence Tell Us?”, ‘School Completion Programme’ Annual Conference, Dublin, October, **Selina McCoy**.

“Globalisation and Higher Education”, Irish University Awards Conference, October, **Frances Ruane**.

“Improving Second-level Education: Using Evidence for Policy Development”, ESRI Renewal Conference: ‘Public Services’, ESRI, Dublin, December, **Emer Smyth, Selina McCoy**.

“Job Satisfaction and Occupational Stress among Primary School”, Educational Studies Association of Ireland (ESAI) Annual Conference: ‘Partnerships: Relationships of Educational Purpose’, the Church of Ireland College of Education, Dublin, April, **Merike Darmody, Emer Smyth**.

“Multi-grade Teaching: The Influence on Academic and Social Outcomes”, *Growing Up in Ireland* Annual Research Conference, Dublin, November, **Amanda Quail, Emer Smyth**.

“No Need for Mayonnaise? High Stakes Testing and Student Perspectives on Teaching and Learning”, American Educational Research Association Annual Conference, New Orleans, April, **Emer Smyth, Joanne Banks**.

ESRI Seminars

“Why is Social Class Still the Hereditary Curse of the English Educational System?”, Diane Reay, Cambridge University.



LABOUR MARKET

Over the course of 2011 the labour market research group continued to focus attention on key issues such as unemployment, labour market activation and migration. In addition, projects also explored the areas of skill mismatch, workplace relations, labour market participation, industrial relations, the economics of education and the gender pay gap.

The high level of unemployment, and particularly the increase in long-term unemployment, is a major issue for policymakers in Ireland. Drawing on evidence from both primary evaluations and international best practice, ESRI research projects have highlighted potential areas for improvements in Ireland's current arrangements for job search assistance and training provision to the unemployed. In particular, the evaluation of the National Employment Activation Plan (NEAP), commissioned by the **Department of Social Protection (DSP)**, reported that attendance by claimants at FÁS interviews actually lessened their likelihood of a successful exit from unemployment, a finding largely attributed to the lack of effective monitoring and sanctions within the Irish activation system. With regards to training, researchers were involved in an **IZA** funded project designed to bring together international evidence on the relative effectiveness of various types of training measures targeted towards the unemployed. This research showed that individuals tended to benefit more from training programmes with strong linkages to the labour market, as opposed to those that provide more general skills. Finally, work commenced on a study, commissioned by the **National Adult Literacy Agency (NALA)**, to examine the impact of both job search advice and training programmes among unemployment claimants with literacy and numeracy difficulties.

Projects aimed at examining the connections between educational attainment and the labour market continued during 2011. A collaborative study examining data for 15 European countries,

commissioned and published by **CEDEFOP**, assessed the extent to which individuals from immigrant or ethnic minority backgrounds had a higher probability of being in jobs that poorly matched their levels of education and skills. The analysis demonstrated that migrants from outside the EU are more susceptible to being mismatched, particularly when educated abroad; however, evidence for higher levels of mismatch among ethnic minorities was more mixed and tended to vary from country to country.

During 2011, researchers from the labour market research group have continued to develop relationships through collaborative work with international academics and have also strengthened links with internationally recognised centres of excellence in labour market research such as **CEDEFOP**, **IZA** and the **National Institute for Labour Studies** (Australia).



Joan Burton, T.D., Minister for Social Protection at the launch of the ESRI report *Activation in Ireland: An Evaluation of the National Employment Action Plan*, with Philip O'Connell and Elish Kelly, 13 May 2011.

LABOUR MARKET (continued)

Programme Coordinators: Philip O’Connell and Seamus McGuinness

Others working in this area include: Tim Callan, Claire Keane, Elish Kelly, Pete Lunn, Frances McGinnity, Helen Russell, John Walsh.

Project Title	Client/Funding Agency	Status	Researchers
Literacy and Numeracy Difficulties in the Irish Workplace	National Adult Literacy Agency	In progress	P. J. O’Connell S. McGuinness E. Kelly
Literacy, Numeracy and Unemployment	National Adult Literacy Agency	In progress	P. J. O’Connell S. McGuinness E. Kelly
Determinants and Consequences of Skill Mismatch and Policy Implications	European Centre for the Development of Vocational Training (Cedefop)	In progress	S. McGuinness P. J. O’Connell P. Sloane (University of Swansea) N. O’Leary (University of Swansea) K. Mavromaras (University of Melbourne)
Analysis of Costs and Benefits of Active Compared to Passive Labour Market Policy Measures	IZA - Institute for the Study of Labour	Completed	P. J. O’Connell E. Kelly

Journal Articles

“Estimating the Impact of Immigration on Wages in Ireland”, *The Economic and Social Review*, Vol. 42, No. 1, March 2011, pp. 1-26, **Alan Barrett, Adele Bergin, Elish Kelly.**

“Impact of Wage Bargaining and Worker Preferences on the Gender Pay Gap”, *European Journal of Industrial Relations*, Vol. 17, Issue

3, September 2011, pp. 277-294, **Seamus McGuinness, Philip J. O’Connell, Tim Callan, Elish Kelly.**

“Labour Market Mismatch Among UK Graduates: An Analysis Using REFLEX Data”, *Economics of Education Review*, Vol. 30, Issue 1, February 2011, pp. 130-145, **Seamus McGuinness, Peter J. Sloane.**

LABOUR MARKET (continued)

Reports and Other Publications

Activation in Ireland: An Evaluation of the National Employment Action Plan, ESRI Research Series No. 20, ESRI, Dublin, **Seamus McGuinness, Philip J. O’Connell, Elish Kelly, John R. Walsh.**

Migrants, Minorities, Mismatch? Skill Mismatch Among Migrants and Ethnic Minorities in Europe, Publications Office of the European Union, Luxembourg, Kostas Mavromaras, **Seamus McGuinness, Nigel O’Leary, Peter Sloane.**

“What Can Active Labour Market Policies Do?”, ESRI Economic Renewal Series No. 1, **Elish Kelly, Seamus McGuinness, Philip J. O’Connell.**

Chapters in Books and Reports

“Esiste l’overeducation? Un analisi comparata”, *XII Rapporto sulla condizione occupazionale dei laureati: Investimenti in capitale umano nel futuro di Italia ed Europa*, 2011, pp. 75-117, Francesco M. Farrente, **Seamus McGuinness, Peter Sloane.**

“Retirement and Labour Market Participation”, **Alan Barrett**, George Savva, Virpi Timonen, Rose Anne Kenny (eds.), *Fifty Plus in Ireland 2011: First Results from the Irish Longitudinal Study on Ageing*, pp. 219-242, TILDA, Dublin, Irene Mosca*, **Alan Barrett.**

ESRI Research Bulletins

“The Changing Workplace”, ESRI Research Bulletin No. 2011/1/3, **Dorothy Watson, Helen Russell, Philip J. O’Connell.**

ESRI Working Papers

WP410: “One Dummy Won’t Get it: The Impact of Training Programme Type and Duration on the Employment Chances of the Unemployed in Ireland”, **Seamus McGuinness, Philip J. O’Connell, Elish Kelly.**

WP409: “Carrots without Sticks: The Impacts of Job Search Assistance in a Regime with Minimal Monitoring and Sanctions”, **Seamus McGuinness, Philip J. O’Connell, Elish Kelly.**

WP394: “Transitions to Long-Term Unemployment Risk Among Young People: Evidence from Ireland”, **Elish Kelly, Seamus McGuinness, Philip J. O’Connell.**

Presentations/Papers Read to Conferences and Learned Societies

“Activation and Training in Ireland”, OECD Conference: ‘Labour Markets in the Crisis’, OECD, June, **Philip J. O’Connell.**

“An Active Response to the Unemployment Crisis”, OECD-Pobal Conference: ‘Building Quality Jobs in the Recovery’, Dublin, October, **Philip J. O’Connell.**

“The Impact of Training for the Unemployed: Preliminary Findings on What Works in Ireland”, Research Symposium: ‘Employment and the Crisis: Work, Migration, Unemployment’, Trinity College, Dublin, March, **Philip J. O’Connell, Seamus McGuinness, Elish Kelly.**

“The Workplace in Recession: Working Conditions and Well-being”, Research Symposium: ‘Employment and the Crisis: Work, Migration, Unemployment’, Trinity College, Dublin, March, **Helen Russell, Fran McGinnity.**

“What Can Active Labour Market Policies Do?”, ESRI Renewal Conference: ‘Increasing Ireland’s Productivity and Growth’, ESRI, Dublin, November, **Elish Kelly, Seamus McGuinness, Philip J. O’Connell.**



Seamus McGuinness and Barry Kenny (Department of Social Protection) at the ESRI Renewal Conference: “Increasing Ireland’s Productivity and Growth”, 9 November 2011.

DEMOGRAPHY AND MIGRATION

One third of all families in Ireland do not fit the traditional model of a married couple, i.e., with both in their first marriage. This and other new insights into Ireland's families come from an analysis of *Census 2006* micro-data, access to which was granted through a formal agreement with the **Central Statistics Office**. Research based on these data and funded by the **Family Support Agency** have addressed questions that were previously beyond quantitative investigation, producing new findings relating to couples, cohabitation, the family circumstances of children, and fertility patterns in Ireland. The research shows that childless couples with a mean age of less than 45 years are more likely to cohabit than be married, while the vast majority who have children are married. In one quarter of cohabiting couples at least one partner was previously married. The mean age of such couples is over 40 years, suggesting that it is not only the recent cohort of younger adults that is taking advantage of the acceptability of cohabitation. Research in the ESRI on demographic matters will be facilitated in the coming years through the development of close ties with the *Growing up in Ireland Study*, led by the ESRI in collaboration with Trinity College and with *The Irish Longitudinal Study on Ageing* (TILDA) in Trinity College.

Research continued in 2011 on a study of integration trajectories of new immigrants in four European countries: Germany, the Netherlands, Ireland and Great Britain in collaboration with an international team of researchers from the Netherlands, UK and Trinity College Dublin. Work also progressed on a study, in collaboration with the Bonn based Institute for the Study of Labour (IZA), of migrants' use of social assistance and access to social services. The study found no *a priori* evidence that migration would pose a burden on welfare systems. The report was published in 2012.

EMN Ireland, the Irish national contact point of the European Commission coordinated European Migration Network (EMN), is based at the ESRI. EMN Ireland published five reports during 2011. The report on irregular migration noted that the EU Free Movement Directive has had a significant impact on applications for residency in Ireland. Non-EU family members of EU citizens resident in Ireland may submit an application for residency on the basis of EU Treaty Rights and there is concern that some applications for residency are based on suspected "marriages of convenience". The fifth report provided an overview of migration and international protection trends and policy development in Ireland in 2010. The *EMN Annual Policy Report on Migration and Asylum 2010* provides an overview of significant political and legislative developments, public debates and statistical trends relating to migration and asylum and is a key input to the European Commission's Annual Report on the Implementation of the European Pact on Immigration and Asylum.

The ESRI also continues to be responsible for the Irish reports to SOPEMI, the OECD Continuous Reporting System on Migration.



At the launch of the book *The Changing Faces of Ireland: Exploring the Lives of Immigrant and Ethnic Minority Children* were (L to R) Frances Ruane (Director), Emily Logan (Ombudsman for Children) and Merike Darmody, 7 April 2011.

Economic Growth and Social Progress

DEMOGRAPHY AND MIGRATION (continued)

Programme Coordinator: Philip O’Connell

Others working in this area include: Adele Bergin, Elaine Byrne, Corona Joyce, Elish Kelly, Gillian Kingston, Frances McGinnity, Seamus McGuinness, Emma Quinn.

Project Title	Client/Funding Agency	Status	Researchers
Study on Active Inclusion of Migrants	European Commission, DG Employment, Social Affairs and Inclusion	Completed	A. Barrett (TCD) B. Maître C.T. Whelan* (UCD)
European Migration Network 2011	European Commission, DG Home Affairs	In progress	P.J. O’Connell E. Quinn C. Joyce E. Byrne G. Kingston

Journal Articles

“Power, Education and Migration into Ireland”, *Power and Education*, Vol. 3, No. 3, 2011, pp. 224-237, **Merike Darmody**.

Fifty Plus in Ireland 2011: First Results from the Irish Longitudinal Study on Ageing, Dublin, **Alan Barrett**, George Savva, Virpi Timonen, Rose Anne Kenny (eds.).

Reports and Other Publications

Annual Policy Report on Migration and Asylum 2010: Ireland (March 2011), ESRI Survey and Statistical Report Series No. 38, Report prepared for the European Commission Directorate-General Home Affairs and published by the ESRI, Dublin, **Corona Joyce**.

Households and Family Structures in Ireland, ESRI, Dublin, **Pete Lunn**, Tony Fahey.

Annual Policy Report on Migration and Asylum 2010: Ireland (December 2011), ESRI Survey and Statistical Report Series No. 38a, Report prepared for the European Commission Directorate-General Home Affairs and published by the ESRI, Dublin, **Corona Joyce**.

Temporary and Circular Migration, ESRI, Dublin, **Emma Quinn**.

Visa Policy as Migration Channel, Ireland, Report prepared for the European Commission Directorate-General Home Affairs and published by the ESRI, Dublin, **Emma Quinn**.

Annual Report on Migration and International Protection Statistics for Ireland: 2009, ESRI Survey and Statistical Report Series No. 40, Report prepared for the European Commission Directorate-General Home Affairs and published by the ESRI, Dublin, **Corona Joyce**.

Chapters in Books and Reports

“Introduction: Exploring the Lives of Immigrant and Ethnic Minority Children in Ireland”, **Merike Darmody**, Naomi Tyrell, Steve Song (eds.), *The Changing Faces of Ireland: Exploring the Lives of Immigrant and Ethnic Minority Children*, pp xi-xxi., Sense Publishers, Rotterdam, **Merike Darmody**, Naomi Tyrell, Steve Song.

* Denotes ESRI Research Affiliate.

DEMOGRAPHY AND MIGRATION (continued)

“Policy Responses to Unaccompanied Minors in Ireland”, **Merike Darmody**, Naomi Tyrell, Steve Song (eds.), *The Changing Faces of Ireland: Exploring the Lives of Immigrant and Ethnic Minority Children*, pp. 237-253, Sense Publishers, Rotterdam, **Corona Joyce**, **Emma Quinn**.

“Religious Diversity and Schooling in Ireland”, **Merike Darmody**, Naomi Tyrell, Steve Song (eds.), *The Changing Faces of Ireland: Exploring the Lives of Immigrant and Ethnic Minority Children*, pp. 125-144, Sense Publishers, Rotterdam, **Emer Smyth**, **Merike Darmody**.

“Conclusion: Immigrant and Ethnic Minority Children in Ireland: New Challenges and New Opportunities”, **Merike Darmody**, Naomi Tyrell, Steve Song (eds.), *The Changing Faces of Ireland: Exploring the Lives of Immigrant and Ethnic Minority Children*, pp. 253-260, Sense Publishers, Rotterdam, **Merike Darmody**, Naomi Tyrell, Steve Song.

Presentations/Papers Read to Conferences and Learned Societies

“Irregular Migration in Ireland”, EMN Ireland Research Conference: ‘Documenting Irregular Migration’, Dublin, December, **Philip J. O’Connell**.

“The Immigration of International Students to EU Member States”, ‘Practices to Contain Irregular Migration’ National Conference of German National Contact Point of European Migration Network, Nuremburg, Germany, October, **Philip J. O’Connell**.

“Under-explored Aspects of Emigration: Observations from Developed Countries”, ‘Migration Futures: Perspectives on Global Changes’, 16th international Metropolis Conference Workshop, Portugal, September, **Philip J. O’Connell**.

ESRI Seminars

“The Size of the Irregular Migrant Population – Methodological Insights from the CLANDESTINO Project”, Dita Vogel, formerly Hamburg Institute of International Economics.



SOCIAL INCLUSION AND QUALITY OF LIFE

Social inclusion refers to the reduced capacity of individuals and households to participate in economic and social life, due to a lack of material resources. Quality of life is concerned with the balance between material well-being, physical and mental health, family life, labour market participation and social participation.

During 2011, research projects in the social inclusion area funded by the **Department of Social Protection** examined the impact of debt and financial exclusion on people's ability to participate in society; the extent to which poverty persists; the social and economic situation of people with disabilities; the adequacy of national poverty measures since the start of the recession; and the extent to which children are exposed to deprivation. Key research findings were that:

- 20 per cent of Irish households did not have a bank current account in 2008 – almost three times higher than the EU15 average. Some 5.4 per cent of households were considered over-indebted in 2008, rising to 12 per cent of those in the bottom income decile.
- Despite the booming economy, almost 10 per cent of the Irish population was persistently income poor during the four-year period 2005 to 2008 – a high level by EU standards.
- Just over one-third of adults with a disability of working age are in employment, and a further one-third of those unemployed would like to work if the circumstances were right. The structure of jobs (such as flexible working times and modified job tasks) is particularly important in enabling people with a disability to take up employment.

Research on quality of life, funded by the **Irish Sports Council**, examined participation in sport from the perspective of its contribution to physical health, to mental well-being and to social engagement.

Other projects examined the perceived quality of public services in Ireland and the influence of family on the sense of control of young adults. The findings included:

- Between 2008 and 2009 the proportion of adults who actively participated in sport rose from 30.8 per cent to 33.5 per cent, and the proportion who walked regularly went up from 57.5 per cent to 60.5 per cent.
- Those who are economically vulnerable, and thus rely most on public services, rate the quality of those services below the rest of Irish society. This pattern was particularly strong for health services.
- The sense of control of young adults is strongly influenced by their parents, but the pathways of influence differ for sons and daughters. Daughters are influenced by the sense of control of both parents. Sons are influenced by fathers' sense of control, but are not influenced by the sense of control of the mother, *unless* the mother has a high sense of control.



At the Conference “Financial Exclusion and Over-indebtedness: Challenges and Policy Responses” were (L to R) Helen Russell, Caroline Corr (Department of Social Protection) and Brendan Whelan (Social Finance Foundation), 8 March 2011.

SOCIAL INCLUSION AND QUALITY OF LIFE (continued)

Programme Coordinators: Dorothy Watson and Helen Russell

Others working in this area include: Norah Donnelly, Elish Kelly, Richard Layte, Pete Lunn, Bertrand Maître, Frances McGinnity.

Project Title	Client/Funding Agency	Status	Researchers
<p>Programme of Research on Social Inclusion 2012:</p> <p>i. Annual Report on Poverty and Work</p> <p>ii. Technical Report on Household Financial Regime</p> <p>iii. Technical Analysis of Food Poverty</p>	Social Inclusion Division, Department of Social Protection	In progress	D. Watson B. Maître
<p>Programme of Research on Social Inclusion 2011:</p> <p>i. Review of Poverty Measurement</p> <p>ii. Annual Report on Childhood Deprivation</p>	Social Inclusion Division, Department of Social Protection	In progress	D. Watson B. Maître
Annual Report on Measurement of Poverty: Financial Exclusion and Over-Indebtedness	Social Inclusion Division, Department of Social Protection	Completed	H. Russell B. Maître N. Donnelly
Social Portraits of People with Disabilities	Social Inclusion Division, Department of Social Protection	Completed	B. Maître D. Watson
The Impact of the 'New Economy' on the Labour Market, Inequality, Poverty and Well-Being in Ireland	Irish Research Council for the Humanities and Social Sciences (IRCHSS)	Completed	C. T. Whelan* (UCD) B. Maître B. Nolan (UCD) S. Voitchovsky (UCD)
Household and Family Structures in Ireland: An Analysis of <i>Census 2006</i>	Family Support Agency	Completed	P. Lunn T. Fahey (UCD)

* Denotes ESRI Research Affiliate.

SOCIAL INCLUSION AND QUALITY OF LIFE (continued)

Project Title	Client/Funding Agency	Status	Researchers
Statistical Analysis of Participation by Local Sports Partnership (LSP) Area	Irish Sports Council; Local Sports Partnerships	Completed	P. Lunn E. Kelly
Swimming in Ireland	Irish Sports Council	In progress	P. Lunn E. Kelly

Journal Articles

“Estimating the Extra Cost of Living for People with Disabilities”, *Health Economics*, Vol. 20, Issue 5, May 2011, pp. 582-599, J. Cullinan, B. Gannon, **Seán Lyons**.

“Welfare Regime and Social Class Variation in Poverty and Economic Vulnerability in Europe: An Analysis of EU-SILC”, *Spero*, No. 15, Fall-Winter 2011, pp. 193-216, Christopher T. Whelan*, **Bertrand Maître**.

Reports and Other Publications

A Social Portrait of People with Disabilities in Ireland, Department of Social Protection and ESRI, Dublin, **Dorothy Watson**, Brian Nolan.

Financial Exclusion and Over-indebtedness in Irish Households, Department of Community, Equality and Gaeltacht Affairs and ESRI, Dublin, **Helen Russell**, **Bertrand Maître**, **Nora Donnelly**.

Persistent At-Risk-of-Poverty in Ireland: an Analysis of the Survey on Income and Living Conditions 2005-2008, Department of Social Protection: Social Inclusion Technical Paper 1, Department of Social Protection, Dublin, **Bertrand Maître**, **Helen Russell**, **Dorothy Watson**.

The Changing Faces of Ireland: Exploring the Lives of Immigrant and Ethnic Minority Children, Sense Publishers, Rotterdam, **Merike Darmody**, Naomi Tyrell, Steve Song.

The Irish Sports Monitor, Third Annual Report 2009, ESRI and The Irish Sports Council, Dublin, **Pete Lunn**, **Richard Layte**.

“Quality of Public Services: Irish Public Perceptions and Implications for Renewal”, ESRI Economic Renewal Series No. 6, **Dorothy Watson**.

Chapters in Books and Reports

“Country Case Study – Ireland”, *The Great Recession and the Distribution of Household Income*, Fondazione Rodolfo De Benedetti, Brian Nolan, **Tim Callan**, **Bertrand Maître**.

“Income and Asset Levels of Older People”, **Alan Barrett**, George Savva, Virpi Timonen, Rose Anne Kenny (eds.), *Fifty Plus in Ireland 2011: First Results from the Irish Longitudinal Study on Ageing*, pp. 243-264, TILDA, Dublin, Vincent O’Sullivan*, **Richard Layte**.

“Role of Social Institutions in Inter-Generational Mobility”, Tim M. Smeeding, Robert Erikson, Markus Jantii (eds.), *Persistence, Privilege, and Parenting: The Comparative Study of Intergenerational Mobility*, pp. 331-368, Russell Sage Foundation, Washington, Brian Nolan, Gøsta Esping-Andersen, Christopher T. Whelan*, **Bertrand Maître**, Sander Wagner.

ESRI Research Bulletins

“Parents, Children and Sense of Control”, ESRI Research Bulletin No. 2011/3/2, **Dorothy Watson**.

“Should We Be Worried About Income Inequality in Ireland?”, ESRI Research Bulletin No. 2011/2/3, **Richard Layte**.

* Denotes ESRI Research Affiliate.

SOCIAL INCLUSION AND QUALITY OF LIFE (continued)

“Support from Grandparents to Families with Infants”, ESRI Research Bulletin No. 2011/1/4, **Amanda Quail, Aisling Murray, James Williams.**

ESRI Working Papers

WP402: “Economic Vulnerability and Severity of Debt Problems: An Analysis of the Irish EU-SILC 2008”, **Helen Russell, Bertrand Maître**, Christopher T. Whelan* .

Presentations/Papers Read to Conferences and Learned Societies

“Alternative Approaches to Childhood Deprivation”, *Growing Up in Ireland* Annual Research Conference, Dublin, December, **Dorothy Watson**, Sheila Greene (TCD), Lorraine Swords (TCD).

“Brainy Economics: Behavioural Economics, Neuroeconomics and the Perception of Value”, Conference: ‘New Economic Thinking, Economics and Finance Society’, University College London, February, **Pete Lunn.**

“Child Poverty and its Correlates”, *Growing Up in Ireland* Annual Research Conference, Dublin, December, **James Williams**, Christopher T. Whelan* (UCD).

“Family Diversity Among 9-Month-Olds: Ireland, Britain, New Zealand”, ‘Life Course and Social Change: Interdisciplinary and International Perspectives’, Society for Longitudinal and Life Course Studies International Conference, Bielefeld, Germany, October, **James Williams**, Lucinda Platt (MCS, Britain), Susan Morton (GUNZ, New Zealand).

“Family Structure and Process and Child Emotional and Behavioural Outcomes”, *Growing Up in Ireland* Annual Research Conference, Dublin, December, **Maeve Thornton**, Liz Nixon (TCD).

“Financial Exclusion in Irish Households”, ‘Financial Exclusion and Over-indebtedness: Challenges and

Policy Responses’ Conference, ESRI, Dublin, March, **Bertrand Maître.**

“Keeping Children Safe and Secure in Ireland: Maximising the Use of Existing Data to Inform Research, Policy and Practice”, Public Lecture, Graduate Summer School, University College Cork, September, **Amanda Quail.**

“Over-Indebtedness in Irish Households”, ‘Financial Exclusion and Over-indebtedness: Challenges and Policy Responses’ Conference’, ESRI, Dublin, March, **Helen Russell.**

“Poverty and Inequality in the Crisis”, Research Symposium: ‘Employment and the Crisis: Work, Migration, Unemployment’, Trinity College Dublin, **Bertrand Maître.**

“Quality of Public Services: Public Perceptions and Implications for Renewal”, ESRI Renewal Conference: ‘Public Services’, ESRI, Dublin, December, **Dorothy Watson.**

“The Impact of Recession on Work Pressure: The Case of Ireland”, European Consortium for Sociological Research (ECSR) 20th Anniversary: ‘European Society or Societies? A 20-Year Perspective’, University College Dublin, November, **Frances McGinnity.**

“The Social and Living Conditions of People with Disabilities”, Seminar ‘Promoting Social Inclusion for People with Disabilities: National and European Perspectives’, ESRI, Dublin, September, **Dorothy Watson.**

“Weight, Body Image and Bullying in 9-Year-Olds”, *Growing Up in Ireland* Annual Research Conference, Dublin, December, **James Williams**, Udo Reulbach (TCD), Liz Nixon (TCD), Mona O’ Moore (TCD), Emma Ladewig (TCD) and Tom O’ Dowd (TCD).

ESRI Seminars

“Persistent ‘At Risk of Poverty’ in Ireland: An Analysis of the EU SILC Surveys 2005-2008”, **Bertrand Maître.**

* Denotes ESRI Research Affiliate.

TAXATION, WELFARE AND PENSIONS

The fiscal response to the economic crisis was the dominant theme of research in this area throughout the year. Analysis focused on both the distributive implications of policy responses and on the implications for financial incentives to work.

Looking first at distributive issues, the scope of the analysis was broadened in two ways beyond the traditional focus on direct tax increases and welfare expenditure reductions. First, changes to public sector pay (directly and via the public service pension levy) were modelled and included in the analysis. Second, in collaboration with colleagues working on energy-related issues, the impact of changes to VAT and carbon tax were also taken into account.

A key finding was that the policy response to the crisis has, over the full period since Budget 2009, given rise to a greater proportionate fall on those with high incomes than on those at middle or low incomes. Comparative work with European partners suggests that the distributive impact in Ireland has been among the most progressive. A further finding is that the impact on elderly persons has tended to be less severe than on those of working age, for any given level of income.

Turning to the impact on financial incentives to work, the research shows that calculations based on selected examples can be severely misleading. For example, most unemployed people are young and single; and many of those who are married do not have children. Thus, a picture of incentives facing the unemployed which focuses on the situation of a married man with children is unrepresentative. The picture provided by research based on *SWITCH*, the ESRI tax-benefit model, provides a much better representation of the national situation. This research has shown that the vast majority of the unemployed population receive a substantially higher cash income when in

work, rather than when unemployed. This finding contrasts with some other analyses (including a recent OECD report) which fail to take account that the unemployed population is predominantly young, single and childless.

Longer-term issues concerning pension policy were also addressed in a project funded by the **EU Directorate General for Employment, Social Affairs and Inclusion**. A key theme was the need for analysis of pension issues to take into account the interplay of decisions on labour supply, savings and pensions over the life cycle. A new Irish model was developed, in collaboration with Justin van de Ven of the National Institute of Economic and Social Research (NIESR). Initial work focused on the trade-off between the level of the State Pension and the age at which the pension becomes payable. The groundwork was also laid for further work on alternative tax treatments of pension contributions.



At the ESRI's "Analysing Pension Policy" Conference were (L to R) Ana Agundez-Garcia (EU Commission), Tim Callan, Justin van de Ven (NIESR), Ed Whitehouse (OECD), Frances Ruane (Director).

TAXATION, WELFARE AND PENSIONS (continued)

Programme Coordinator: Tim Callan

Others working in this area include: Claire Keane, Elish Kelly, Seán Lyons, Michael Savage, Richard Tol, John Walsh. Work was also undertaken in collaboration with Research Affiliates Justin van de Ven (National Institute of Economic and Social Research) and Olivier Bargain (UCD).

Project Title	Client/Funding Agency	Status	Researchers
<p><i>SWITCH</i> Research Programme on Tax and Welfare</p> <p>(i) Distributional Impact of Austerity Measures</p> <p>(ii) Financial Incentives to Work</p> <p>(iii) Model Maintenance and Development</p> <p>(iv) Training and Support for Policy Analysis</p>	<p>Department of Social Protection</p> <p>Department of Finance</p>	Completed	<p>T. Callan</p> <p>C. Keane</p> <p>J. R. Walsh</p> <p>M. Savage</p> <p>N. Crilly</p>
Learning from Ireland's SSIA Experience	Foundation for Fiscal Studies	In progress	<p>T. Callan</p> <p>C. Keane</p>
<p>EUROMOD - <i>Microsimulation tool for modeling the impact of policy measures</i> (EUROMOD update)</p>	European Commission, DG Employment, Social Affairs and Inclusion	In progress	<p>T. Callan</p> <p>C. Keane</p> <p>E. Kelly</p> <p>M. Savage</p> <p>A. Ní Shúilleabháin</p>
Modelling Pension Reforms: Building from UK Experience to Irish Policy Analysis	European Commission, DG Employment, Social Affairs and Inclusion; Department of Social Protection	Completed	<p>T. Callan</p> <p>C. Keane</p> <p>J.R. Walsh</p> <p>J. Van de Ven* (NIESR)</p>

* Denotes ESRI Research Affiliate.

TAXATION, WELFARE AND PENSIONS (continued)

Journal Articles

“The Distributional Effects of Value Added Tax in Ireland”, *The Economic and Social Review*, Vol. 42, No. 2, Summer 2011, pp. 213-235, **Eimear Leahy, Seán Lyons, Richard S. J. Tol**.

“The Economic Crisis, Public Sector Pay and the Income Distribution”, *Research in Labor Economics*, Vol. 32, April 2011, pp. 207-225, **Tim Callan**, Brian Nolan, **John R. Walsh**.

Reports and Other Publications

Budget Perspectives 2012, ESRI Research Series No. 22, ESRI, Dublin, **Tim Callan** (ed.).

The Distributional Effects of Austerity Measures: A Comparison of Six EU Countries, European Commission, **Tim Callan**, Chrysa Leventi, Horacio Levy, Manos Matsaganis, Alari Paulus, Holly Sutherland.

Chapters in Books and Reports

“Tax, Welfare and Work Incentives”, **Tim Callan** (ed.), *Budget Perspectives 2012*, pp. 1-21, ESRI, Dublin, **Tim Callan**.

ESRI Research Bulletins

“What Has Happened to Marginal Tax Rates?”, ESRI Research Bulletin No. 2011/3/4, **Tim Callan, Niamh Crilly, Claire Keane, John R. Walsh**.

ESRI Working Papers

WP400: “A Framework for Pension Policy Analysis in Ireland: PENMOD, a Dynamic Simulation Model”, **Tim Callan**, Justin van de Ven*.

WP399: “Do Defined Contribution Pensions Correct for Short-Sighted Savings Decisions? Evidence from the UK”, Justin van de Ven*.

Presentations/Papers Read to Conferences and Learned Societies

“A Framework for Pension Policy Analysis in Ireland: PENMOD, a Dynamic Simulation Model”, ‘Analysing Pension Policy’ Conference, ESRI, Dublin, May, **Tim Callan**, Justin van de Ven*.

“Assessing the Social Impact of Tax/Welfare Policy Changes”, Peer Review: Developing Effective Ex Ante Social Impact assessment, Federal Public Service Social Security, Belgium, November, **Tim Callan**.

“Do Defined Contribution Pensions Correct for Short-Sighted Savings Decisions? Evidence from the UK”, ESRI ‘Analysing Pension Policy’ Conference, Dublin, May, Justin van de Ven*.

“Income Distribution and Poverty Through the Great Recession: Ireland”, ‘Incomes Across the Great Recession’, XIII European Conference of the Fondazione Rodolfo De Benedetti, Palermo, September, Brian Nolan (UCD), **Tim Callan, Bertrand Maître**.

“Tax, Welfare and Work Incentives”, ESRI-FFS Annual Conference ‘Budget Perspectives 2012’, Dublin, October, **Tim Callan, Niamh Crilly, Claire Keane, John R. Walsh, Aine Ní Shúilleabháin**.

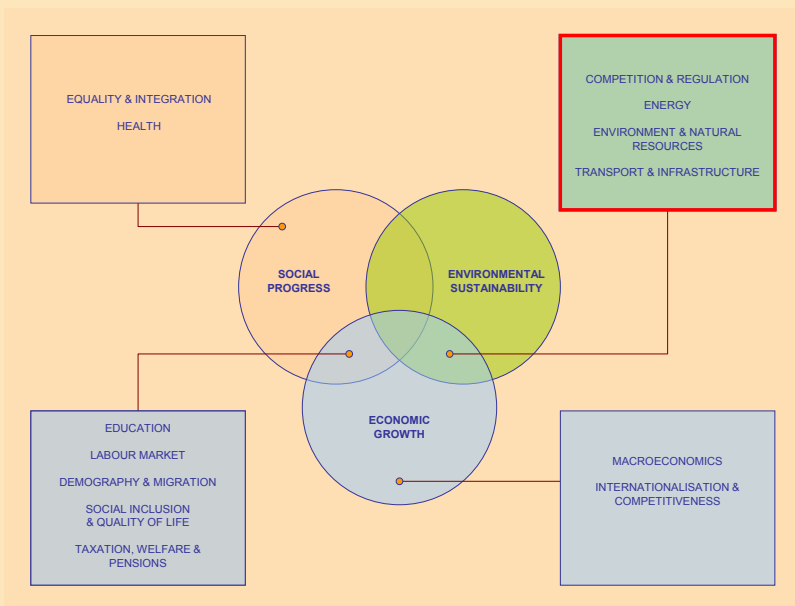
“Who is Bearing the Cost of Austerity? A Distributional Analysis of 6 Countries”, ‘Inequalities in Europe and the Future of the Welfare State’, EU Commission, DG EMPL, Brussels, December, **Tim Callan**.

ESRI Seminars

“Can We Assess the Distributional Impact of Cuts to Spending on Public Services”, Cormac O’Dea, Institute for Fiscal Studies.

* Denotes ESRI Research Affiliate.

Economic Growth and Environmental Sustainability



There are four programmes of research in this area:

- **Energy**
(coordinated by Professor John FitzGerald and Dr Seán Lyons)
- **Environment and Natural Resources**
(coordinated by Dr Seán Lyons and Dr Edgar Morgenroth)
- **Transport and Infrastructure**
(coordinated by Dr Edgar Morgenroth)
- **Competition and Regulation**
(coordinated by Professor Paul Gorecki)

ENERGY

A major feature of the work of the Energy Policy Research Centre (EPRC) has been the development of key research infrastructure in the form of economic models for research. These models are used as the basic tool in much of the work undertaken by the EPRC, which is funded by the **Department of Communications Energy and Natural Resources**, the **ESB**, **BGE**, **Eirgrid**, **Viridian** and the **Commission for Energy Regulation (CER)**; the *IDEM* electricity model covering the all-island electricity sector and the energy sector of the *HERMES* macroeconomic model. The research agenda in 2011 included:

Energy Demand: A cost benefit analysis of Smart Electricity Metering was undertaken in conjunction with the CER. As well as contributing evidence on which policy on smart metering can be developed, this study also examined the responsiveness of domestic electricity demand to different pricing regimes.

Energy Efficiency: The national and international focus on efficiency of energy use was reflected in several studies including: a cost-benefit analysis of the EU 20/20/2020 Package, an analysis of the

economics of the Greener Homes scheme; a study of the values placed on BERs in the house purchase and rental markets. Research in this area also examined the economic implications of options to replace the Moneypoint coal-fired generation station in 2025.

Renewables: The important interplay between energy and environmental issues is reflected in a series of projects on renewables. These included modelling the effects of increased investment in renewable electricity on investment incentives for other forms of generation and developing a range of models/approaches to examine the implications of deploying renewables in the Irish electricity system.

Regulation and Policy: Research by the EPRC resulted in the publication of a review of Irish energy policy, which took into account the wide range of recent research which addressed important energy issues facing Ireland over the coming decade. In addition, new research in the EPRC explored the regulatory and related issues that are likely to arise for Ireland with the implementation of the EU Commission "Third

Economic Growth and Environmental Sustainability

ENERGY (continued)

Package”, which is designed to create an internal EU electricity market. This EU development is likely to impact on the all-island energy market and alter the future relationship between the energy markets in Great Britain and the island of Ireland. Research also examined the determinants of electricity prices in Ireland and Great Britain suggesting that over the coming decade

electricity prices in Great Britain will have to rise significantly to bring them into line with long-run marginal cost, while prices in Ireland are broadly appropriate. In addition, the research suggested that GB households were overpaying for electricity while the retail margin in this market in Ireland is substantially more competitive.

Programme Coordinators: John FitzGerald and Seán Lyons

Others working in this area included: Conor Devitt, Valeria di Cosmo, Paul Gorecki, Hugh Hennessy, Marie Hyland, Eimear Leahy, Laura Malaguzzi Valeri, Richard Tol, David Walsh.

Project Title	Client/Funding Agency	Status	Researchers
Developing an Efficient Market for Electricity	ESRI Energy Policy Research Centre	In progress	J. FitzGerald L. Malaguzzi Valeri C. Devitt S. Lyons P. K. Gorecki V. di Cosmo M. Hyland D. Walsh
Study of Future Fuel Diversity Options for the Irish Power System	ESRI Energy Policy Research Centre	In progress	J. FitzGerald L. Malaguzzi Valeri D. Walsh
The Internal EU Electricity Market: Implications for Ireland	ESRI Energy Policy Research Centre	Completed	P. K. Gorecki
"Irish Times" Phase 2	Environmental Protection Agency (Ireland)	In progress	J. FitzGerald R. S. J. Tol V. di Cosmo B. Ó Gallachóir (UCC) A. Chiodi (UCC) P. Deane (UCC) M. Gargiulo (e4sma) A. Kanudia (KanORS) K. Donnellan (Teagasc) T. Hanrahan (Teagasc) J. Breen (UCC)

ENERGY (continued)

Project Title	Client/Funding Agency	Status	Researchers
Electricity Research Centre: Grid Integration of Renewables, Distributed Generation and Flexible Demand	Programme for Research in Third Level Institutions (PRTLII)	In progress	J. FitzGerald R. S. J. Tol S. Lyons M. O'Malley (UCD) E. Denny (TCD)
Sustainable Electrical Energy Systems	Science Foundation Ireland	In progress	J. FitzGerald R. S. J. Tol S. Lyons M. O'Malley (UCD) D. Flynn (UCD) J. Gleeson (UL) S. McLoone (NUI Maynooth)

Journal Articles

"An Estimate of the Value of Lost Load for Ireland", *Energy Policy*, Vol. 39, Issue 3, March 2011, pp. 1514-1520, **Eimear Leahy, Richard S. J. Tol.**

"Does Europe Need a Comprehensive Energy Policy", *Intereconomics*, Vol. 46, No. 3, 2011, pp. 124-142, Christian Egenhofer, Arno Behrens, **Richard S. J. Tol**, Michel Bethélemy, François Lévêque, Jaap C. Jansen.

"The Effect of REFIT on Irish Wholesale Electricity Prices", *The Economic and Social Review*, Vol. 42, No. 3, Autumn 2011, pp. 343-369, **Conor Devitt, Laura Malaguzzi Valeri.**

Reports and Other Publications

A Review of Irish Energy Policy, ESRI Research Series No. 21, ESRI, Dublin, **John FitzGerald.**

The Internal EU Electricity Market: Implications for Ireland, ESRI Research Series No. 23, ESRI, Dublin, **Paul K. Gorecki.**

ESRI Working Papers

WP407: "Carbon Tax Scenarios and their Effects on the Irish Energy Sector", **Valeria di Cosmo, Marie Hyland.**

WP405: "The Time Evolution of the Social Cost of Carbon: An Application of FUND", David Anthoff, Steven K. Rose, **Richard S. J. Tol**, Stephanie Waldhoff.

WP404: "The Uncertainty about the Social Cost of Carbon: A Decomposition Analysis Using FUND", David Anthoff, **Richard S. J. Tol.**

WP397: "The Cost of Natural Gas Shortages in Ireland", **Eimear Leahy, Conor Devitt, Seán Lyons, Richard S. J. Tol.**

WP396: "The HERMES model of the Irish Energy Sector", **Hugh Hennessy, John FitzGerald.**

WP388: "Greener Homes: An Ex-Post Estimate of the Cost of Carbon Dioxide Emission Reduction using Administrative Micro-Data from the Republic of Ireland", **Eimear Leahy, Richard S. J. Tol.**

WP375: "Regional and Sectoral Estimates of the Social Cost of Carbon: An Application of FUND", David Anthoff, Steven K. Rose, **Richard S. J. Tol**, Stephanie Waldhoff.

WP374: "The Effect of REFIT on Irish Electricity Prices", **Conor Devitt, Laura Malaguzzi Valeri.**

ENERGY (continued)

WP372: “Goldilocks and the Three Electricity Prices: Are Irish Prices “Just Right”?”, **Conor Devitt, Seán Diffney, John FitzGerald, Laura Malaguzzi Valeri, Aidan Tuohy.**

WP367: “A Cost-Benefit Analysis of the EU 20/20/2020 Package”, **Richard S. J. Tol.**

ESRI Submissions

“Pricing of Gas Infrastructure in Ireland: Submission to the Commission for Energy Regulation”, ESRI Submission No. 2011/4, **John FitzGerald, Valeria di Cosmo.**

Presentations/Papers Read to Conferences and Learned Societies

“A Review of Irish Energy Policy”, presented at the ‘Energy Ireland’ Conference, Dublin and at the ‘Production Automation and Control World’ Conference, TCD, June, **John FitzGerald.**

“Challenges Facing the Electricity Supply Industry”, International Protection Automation Control Conference, Trinity College Dublin, July, **John FitzGerald.**

“Competition in Ireland’s Energy and Utilities Markets”, Irish Centre for European Law, Trinity College Dublin Conference, Dublin, November, **John FitzGerald.**

“Economic Prospects for Bioenergy in Ireland, Annual Conference of the Irish Bioenergy Association, Portlaoise, February, **Richard S. J. Tol.**

“Energy-Economic Models”, Department of Engineering, University College Cork, March, **Richard S. J. Tol.**

“Energy Policy for an Efficient Irish Economy”, European Commission Representation in Ireland ‘All-Island Conference on Energy Efficiency and Job Creation’, Dundalk, September, **John FitzGerald.**

“Goldilocks and the Three Electricity Prices: Are Irish Prices ‘Just Right’?”, Irish Economic Association Annual Conference, Limerick, April, **John FitzGerald.**

“Input and Fuel Substitution in Irish Manufacturing”, Irish Economic Association Annual Conference, Limerick, April, **Liam Murphy.**

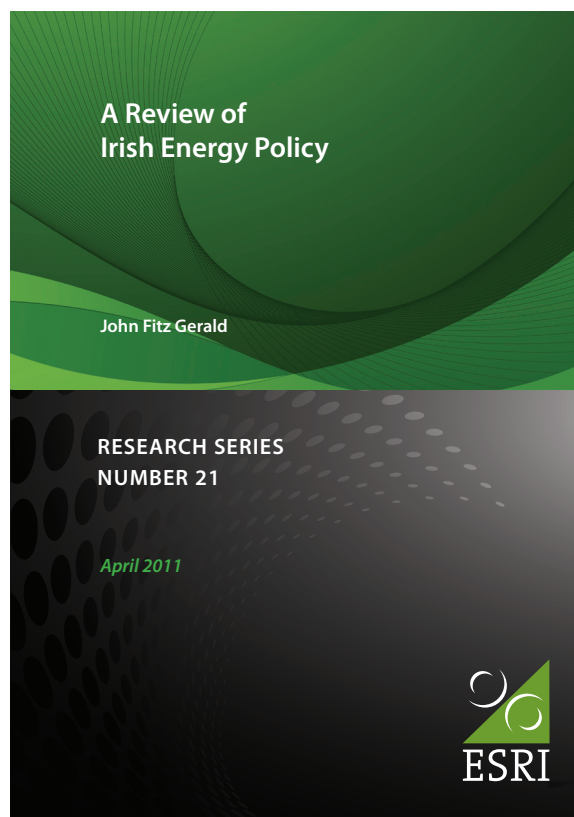
“Modelling and Forecasting Loads and Prices in the Italian Electric Market”, Irish Economic Association Annual Conference, Limerick, April, **Valeria di Cosmo.**

“The Likely Impact of Smart Electricity Meters in Ireland”, ESRI EPA Environmental Economics Seminar, Dublin, May and at the ‘Choice and Behaviour Modelling Workshop’, Queen’s University, Belfast, September, **Seán Lyons.**

“The Northern Ireland Energy Model”, The Northern Ireland Energy Infrastructure Seminar, March, **Richard S. J. Tol.**

ESRI Seminars

“The Progress of EU Energy Policy Towards the Creation of a Single Market in Electricity”, Philip Lowe, Energy in the European Commission.



ENVIRONMENT AND NATURAL RESOURCES

Research on environmental and resource economics focused on a range of areas including: (i) Extending and improving our forecasting model for Environmental accounts (*ISus*); (ii) Household waste management; (iii) Examining corporate expenditures on environmental protection in Ireland; (iv) Climate policy.

Significant work was carried out on the follow-on study to the development of the *ISus* sustainable development model for the **Environmental Protection Agency (EPA)**. New waste scenarios have been generated and energy forecasts were updated. Significant research into the distributional impacts of environmental issues was conducted and the model was enhanced through the incorporation of additional spatial breakdown (regionalisation). For example, it is now possible to analyse key variables at the River Basin Districts and Hydrological Area level. Detailed data on transport infrastructure can now be incorporated into analysis. The existing external agriculture sub-model in *ISus* has been replaced with an integrated module that encompasses more up-to-date data.

Analysis of environmental expenditures by Irish manufacturing firms showed that their environmental expenditure and the capital investment in equipment for pollution control are positively related to size, export orientation and energy intensity and to environmental regulation. The results of the analysis suggest that the economic and regulatory incentives in place are such that it is the largest and most polluting firms that do most to reduce pollution.

In the climate policy area, a diverse set of research questions were addressed, such as the impact of climate change on water use and the social cost of climate change. For example, research on the impact of climate change and trade liberalisation on water use showed that trade liberalisation will reduce (increase) water use in water scarce (abundant) regions.

Research on the impact of energy taxes and the EU Emission Trading System on a large number of firms in Europe between 1996 and 2007 found that energy taxes increased total factor productivity and returns to capital but decreased employment, with a mixed effect on investment, in the sectors included in our analysis. However, large sectoral variation is observed, with some industries losing out in terms of productivity and profitability when faced with increased energy taxes, while others benefitted.

Research on household waste management behaviour in Ireland, using a simulation model, showed that increases in the landfill levy are likely to have little effect on household behaviour if pay-by-use tariffs are not fully implemented. The analysis also showed that the introduction of additional bins for segregated compostable waste might divert significant quantities of such waste from landfill.



The Vienna Incinerator. In 2009, 29 per cent of municipal waste collected in Austria was incinerated. UN Environmental Indicators, Waste, *Municipal Waste Treatment*.

Economic Growth and Environmental Sustainability

ENVIRONMENT AND NATURAL RESOURCES (continued)

Programme Coordinators: Seán Lyons and Edgar Morgenroth

Others working in this area include: David Anthoff, Conor Devitt, John FitzGerald, Paul Gorecki, Stefanie Haller, Hugh Hennessy, Marie Hyland, Eimear Leahy, Laura Malaguzzi Valeri, Karen Mayor, Liam Murphy, Richard Tol.

Project Title	Client/Funding Agency	Status	Researchers
Towards a Green Net National Product for Ireland	Environmental Protection Agency	In progress	R. S. J. Tol S. Lyons E. Morgenroth H. Hennessy E. Leahy A. Driscoll S. Walsh A. Pentecost
“Irish Times”	Environmental Protection Agency	Completed	R. S. J. Tol UCC (subcontracted)
Climate Cost	European Commission, DG Research and Innovation, FP7	Completed	R. S. J. Tol D. Anthoff
FUND Social Cost of Carbon Modeling	United States Environmental Protection Agency (subcontracted to Stratus Consulting Inc)	Completed	R. S. J. Tol
Social Cost of Carbon	United States Environmental Protection Agency	Completed	R. S. J. Tol D. Anthoff
The Economics of Climate Change in the Pacific	Asian Development Bank	In progress	R. S. J. Tol D. Anthoff

Journal Articles

“Climate Policy and Corporate Behavior”, *The Energy Journal*, Vol. 32, No 4, pp.51-68, 2011, Nicola Commins, **Seán Lyons**, Marc Schiffbauer, **Richard S. J. Tol**.

“Determinants of Vegetarianism and Meat Consumption Frequency in Ireland”, *The Economic and Social Review*, Vol. 42, No. 4, Winter 2011, pp.

407-436, **Eimear Leahy**, **Seán Lyons**, **Richard S. J. Tol**.

“Economic Impacts of Changes in Fish Population Dynamics: The Role of the Fishermen’s Harvesting Strategies”, *Environmental Modeling and Assessment*, Vol. 16, No. 4, August, pp. 413-429, Peter Michael Link, Uwe A. Schneider, **Richard S. J. Tol**.

ENVIRONMENT AND NATURAL RESOURCES (continued)

“Estimation of the Economic Impact of Temperature Changes Induced by a Shutdown of the Thermohaline Circulation: an Application of FUND”, *Climatic Change*, Vol. 104, No. 2, 2011, pp. 287-304, Michael P. Link, **Richard S. J. Tol**.

“Managing Household Waste in Ireland: Behavioural Parameters and Policy Options”, *Journal of Economic Planning and Management*, Vol. 54, No. 2, March 2011, pp. 245-266, John A. Curtis, **Seán Lyons**, Abigail O’Callaghan-Platt.

“Regulating Knowledge Monopolies: the Case of the IPCC”, *Climatic Change*, Vol. 108, No. 4, October 2011, pp. 827-839, **Richard S. J. Tol**.

“Reply to “Comment on Estimating Historical Landfill Quantities to Predict Methane Emissions””, *Atmospheric Environment*, Vol. 45, Issue 39, December 2011, pp. 7533-7534, **Seán Lyons**, **Liam Murphy**, **Richard S. J. Tol**.

“Sea-Level Rise and Its Possible Impacts given a ‘Beyond 4°C World’ in the Twenty-first Century”, *Philosophical Transactions of the Royal Society A*, Vol. 369, No. 1934, 2011, pp. 161-181, Robert J. Nicholls, Natasha Marinova, Jason A. Lowe, Sally Brown, Pier Vellinga, Diogo de Gusmão, Jochen Hinkel, **Richard S. J. Tol**.

“The Case of Two Self-Enforcing International Agreements for Environmental Protection with Asymmetric Countries”, *Computational Economics*, Vol. 36, No. 2, August 2010, pp. 93-119, Dritan Osmani, **Richard S. J. Tol**.

“The Impact of Government Policy on Private Car Ownership in Ireland”, *The Economic and Social Review*, Vol. 42, No. 2, Summer 2011, pp. 135-157, **Hugh Hennessy**, **Richard S. J. Tol**.

“The Social Cost of Carbon”, *The Annual Review of Resource Economics*, Vol. 3, October 2011, pp. 419-443, **Richard S. J. Tol**.

“Trade Liberalization and Climate Change: A Computable General Equilibrium Analysis of the Impacts on Global Agriculture”, *Water*, Vol. 3, No. 2, 2011, pp. 526-550, Alvaro Calzadilla, Katrin Rehdanz, **Richard S. J. Tol**.

“Water Scarcity and the Impact of Improved Irrigation Management: A Computable General Equilibrium Analysis”, *Agricultural Economics*, Vol. 42, Issue 3, May 2011, pp. 305-323, Alvaro Calzadilla, Katrin Rehdanz, **Richard S. J. Tol**.

Chapters in Books and Reports

“Is the Cost Pass-through Fair for the Italian Water Sector?”, *Water Policy and Law in the Mediterranean, An Evolving Nexus, 2011*, pp. 169-191, European University Institute, Robert Schuman Centre for Advanced Studies, Mediterranean Programme and the Faculty of Sciences of the University of Novi Sad, in collaboration with UNESCO Water Programme, **Valeria di Cosmo**.

ESRI Research Bulletins

“On International Equity Weights and National Decision Making on Climate Change”, ESRI Research Bulletin No. 2010/4/2, David Anthoff, **Richard S. J. Tol**.

ESRI Working Papers

WP416: “Optimal interconnection and Renewable Targets in North-West Europe”, Muireann A. Lynch, Mark J. O’Malley, **Richard S. J. Tol**.

WP413: “Poverty Traps and Climate Change”, **Richard S. J. Tol**.

WP411: “Disasters and Development: Natural Disasters, Credit Constraints and Economic Growth”, Thomas K. J. McDermott, Frank Barry, **Richard S. J. Tol**.

WP408: “A Critique of The Economics of Climate Change in Mexico”, Francisco Estrada, **Richard S. J. Tol**, Carlos Gay-García.

ENVIRONMENT AND NATURAL RESOURCES (continued)

WP403: “Climate Policy Under Fat-Tailed Risk: An Application of Dice”, In Chang Hwang, Frédéric Reynès, **Richard S. J. Tol**.

WP398: “Decomposition of Sectoral Greenhouse Gas Emissions: A Subsystem Input-Output Model for the Republic of Ireland”, **Maria Llop, Richard S. J. Tol**.

WP392: “Checking the Price Tag on Catastrophe: The Social Cost of Carbon Under Non-linear Climate Response”, Megan Ceronsky, David Anthoff, Cameron Hepburn, **Richard S. J. Tol**.

WP391: “Economic Costs of Ocean Acidification: A Look into the Impacts on Shellfish Production”, Daiju Narita, Katrin Rehdanz, **Richard S. J. Tol**.

WP390: “Schelling’s Conjecture on Climate and Development: A Test”, David Anthoff, **Richard S. J. Tol**.

WP386: “Does the Housing Market Reflect Cultural Heritage? A Case Study of Greater Dublin”, Mirko Moro, **Karen Mayor, Seán Lyons, Richard S. J. Tol**.

WP385: “What Can I Get For It? A Theoretical and Empirical Re-Analysis of the Endowment Effect”, **Pete Lunn, Mary Lunn**.

WP382: “The Uncertainty about the Total Economic Impact of Climate Change”, **Richard S. J. Tol**.

WP381: “Trade Liberalisation and Climate Change: A CGE Analysis of the Impacts on Global Agriculture”, Alvaro Calzadilla, Katrin Rehdanz, **Richard S. J. Tol**.

WP380: “The Marginal Damage Costs of Different Greenhouse Gases: An Application of FUND”, David Anthoff, Steven K. Rose, **Richard S. J. Tol**, Stephanie Waldhoff.

WP378: “Local Warming, Local Economic Growth, and Local Change in Democratic Culture”, Evert

Van de Vliert, **Richard S. J. Tol**.

WP377: “The Social Cost of Carbon”, **Richard S. J. Tol**.

WP376: “The Economic Impact of Climate Change in the 20th Century”, **Richard S. J. Tol**.

WP371: “The Climate Change Response Bill 2010: An Assessment”, **Paul K. Gorecki, Richard S. J. Tol**.

WP369: “Determinants of Vegetarianism and Partial Vegetarianism in Ireland”, **Eimear Leahy, Seán Lyons, Richard S. J. Tol**.

WP368: “Modified Ramsey Discounting for Climate Change”, **Richard S. J. Tol**.

ESRI Submissions

“The Climate Change Response Bill 2010: An Assessment”, ESRI Submission No. 2011/1, **Paul K. Gorecki, Richard S. J. Tol**.

Presentations/Papers Read to Conferences and Learned Societies

“Classic and Bayesian Stochastic Frontier Analysis for the Italian Water Sector”, ‘XII European Workshop on Efficiency and Productivity Analysis’ Conference, Verona, June, **Valeria di Cosmo**.

“Decision-making under Fat-Tailed Uncertainty”, Annual Conference of the European Association of Environmental and Resource Economists, Rome, June; University of East Anglia, Norwich, April; University of Sussex, Brighton, July, **Richard S. J. Tol**.

“Economic Impacts of Climate Change”, Delft University of Technology, Netherlands, March, **Richard S. J. Tol**.

“Energy Use in Industry”, ESRI EPA ‘Environmental Economics’ Seminar, Dublin, May, **Stefanie Haller**.

ENVIRONMENT AND NATURAL RESOURCES (continued)

“Environmental Pressures for Different Household Types”, ESRI EPA ‘Environmental Economics’ Seminar, Dublin, May, **Richard S. J. Tol.**

“Fat Tails and Decision Making”, ‘Climate Change Impacts and Integrated Assessment’ Workshop, Colorado, USA, July, **Richard S. J. Tol.**

“Green Growth and Jobs”, Green Perspectives Dialogue, Paris, November, **Richard S. J. Tol.**

“Greener Homes: An Ex-Post Estimate of the Costs of Carbon Dioxide Emission Reduction under Administrative Micro-Date from the Republic of Ireland”, ESRI, Dublin, April, **Richard S. J. Tol.**

“How Much Should We Care About Climate Change?”, Annual Conference of the European Association of Environmental and Resource Economists, Rome, June, **Richard S. J. Tol.**

“Key Economic Sectors and Services”, ‘Climate Change Impacts and Integrated Assessment’ Workshop, Colorado, USA, July, **Richard S. J. Tol.**

“Klimapolitik und Tiefunsicherheit”, Kiel Institute of the World Economy, Kiel, November, **Richard S. J. Tol.**

“Post-Normal Science? An Economist’s Perspective”, Workshop on ‘Postnormal Science: The Case of Climate Change’, Hamburg, May, **Richard S. J. Tol.**

“Poverty Traps and Climate Change”, 9th European Historical Economics Society, Dublin, September, **Richard S. J. Tol.**

“Smart Meters”, Water Meter Conference, Dublin, May, **Richard S. J. Tol.**

“Spatial Pressures on the Environment”, ESRI EPA ‘Environmental Economics’ Seminar, Dublin, May, **Edgar Morgenroth.**

“The Economic Impact of Sea Level Rise”, Climate Damages Workshop, Washington DC, USA, January, **Richard S. J. Tol.**

“The Transition to Water Metering”, Inaugural Water Meter Summit, Dublin, May, **Richard S. J. Tol.**

“UN and EU Climate Policy”, Department of Economics, Trinity College, Dublin, March, **Richard S. J. Tol.**

“Vegetarians in the UK and Ireland”, ESRI EPA ‘Environmental Economics’ Seminar, Dublin, May, **Eimear Leahy.**

“Water and Wastewater – Some Economic Issues”, EU Commission Information Seminar, Clonmel, October, **Edgar Morgenroth.**

“Water, Trade and Climate Change”, ‘Climate Change Impacts and Integrated Assessment’ Workshop, Colorado, USA, July, **Richard S. J. Tol.**

ESRI Seminars

“Achieving a Safe Atmospheric Concentration of Greenhouse Gases in a Sustainable, Just, and Efficient Manner”, Philip Lawn, Flinders University, Australia.

“Mission Driven R&D and Climate Change Innovation: Lessons from US Experience with Information Technology”, David Mowery, UC Berkeley.



Muckross Lake, Killarney, Co. Kerry. A major research project on the drivers of lake water quality is being undertaken in 2012.

TRANSPORT AND INFRASTRUCTURE

During 2011 research on transport and infrastructure focused on a range of areas including the determinants of commuting mode of transport, the impact of changes to the taxation of cars on car ownership, some important issues for project evaluation and the benchmarking of the Dublin-Belfast rail service. Significant aspects of the research on transport and infrastructure have been funded by the **Environmental Protection Agency (EPA)** and as part of the **Energy Policy Research Centre (EPRC)**, reflecting the overlap of key research issues between transport, infrastructure, energy and the environment.

The research on mode choice considered the determinants of the transport mode of commuters in the Greater Dublin Region using micro data from the *Census of Population (2006)*. In particular the influence of travel and supply-side characteristics, as well as demographic and socio-economic characteristics, on the choice of mode of transport to work was considered. The results showed that household composition, public transport availability, journey time and work location are particularly significant in explaining the choice of mode of transport to work.

In order to investigate the impact of recent tax changes on the purchase and ownership of cars, a car stock model that distinguishes cars by engine size and fuel type was constructed. The 2009 reform of the vehicle registration and motor tax was found to have led to a dramatic shift from petrol to diesel cars. As a result fuel efficiency has improved and will improve further, but as

diesel cars are heavier, carbon dioxide emissions are reduced but not substantially so. The analysis also considered the likely impact if government targets on the share of electric vehicles were to be realised. It found that given that electric vehicles are likely to replace small fuel efficient vehicles, the impact will be small. Finally, that analysis also found that the impact of the car scrappage scheme has been modest.

The benchmarking analysis of the Dublin-Belfast rail service, which compared that service to 35 similar routes in Europe, found that while the speed on the route was similar to that expected, accounting for the number of stops, the number of connections per day was found to be significantly smaller than expected. Given the implied reduced flexibility, this was shown to impact on the market share (modal share) along the route corridor and in conjunction with the road improvements undermines the potential of the route.

In addition, research on a new four year **EU Framework Programme (FP7)** project started in 2011. This project, which is in collaboration with 26 other research institutes and universities, is concerned with a range of issues regarding the melting of sea ice in the Arctic. The ESRI research component of this project is concerned with the impact on tourism and shipping. During 2011 research focused on the likely demand for tourism in the Arctic taking into account precipitation and temperature. Furthermore, some initial analysis to project trade flows and shipping patterns was carried out.

Programme Coordinator: Edgar Morgenroth

Others working in this area include: Aine Driscoll, Seán Lyons, Anne Nolan, Richard Tol, Sharon Walsh.

Project Title	Client/Funding Agency	Status	Researchers
Arctic Climate Change, Economy and Society (ACCESS)	European Commission, DG Research and Innovation, FP7	In progress	E. Morgenroth R. S. J. Tol A. Pentecost S. Walsh

TRANSPORT AND INFRASTRUCTURE (continued)

Journal Articles

“Improving the Dublin Belfast Rail Service to Lower Barriers between North and South”, *Journal of Cross Border Studies in Ireland*, No. 6, pp. 59-70, **Edgar Morgenroth**.

“The Determinants of Mode of Transport to Work in the Greater Dublin Area”, *Transport Policy*, Vol. 18, Issue 1, January 2011, pp. 259-268, **Nicola Commins, Anne Nolan**.

“The Impact of Government Policy on Private Car Ownership in Ireland”, *The Economic and Social Review*, Vol. 42, No. 2, Summer 2011, pp. 135-157, **Hugh Hennessy, Richard S. J. Tol**.

Reports and Other Publications

“How Can We Improve Evaluation Methods for Public Infrastructure?”, ESRI Economic Renewal Series No. 2, **Edgar Morgenroth**.

Presentations/Papers Read to Conferences and Learned Societies

“How Can We Improve Evaluation Methods for Public Infrastructure?”, ESRI Renewal Conference: ‘Increasing Ireland’s Productivity and Growth’, ESRI, Dublin, November, **Edgar Morgenroth**.

“Prioritising Investment in our Cities to Secure Sustainable Economic Growth” ‘Smart Cities Summit’, Croke Park Convention Centre, April, **Edgar Morgenroth**.



The iconic Samuel Beckett Bridge in the Dublin Docklands. The bridge, which opened in December 2009, was funded by the Department of the Environment, Heritage and Local Government, the Dublin Docklands Development Authority and Dublin City Council (DCC) at a cost of €60 million (*source*: Dublin City Council). In the background is the Convention Centre Dublin (CCD), funded under a public-private partnership agreement at a cost of €380 million (*source*: CCD), and opened in September 2010.

Photo by Ronnie Norton courtesy of Dublin City Council.

COMPETITION AND REGULATION

This research programme is concerned with the necessity, efficiency and effectiveness of State intervention in the market place. Competition policy addresses economy-wide issues such as merger control, restrictive agreements and the exercise of market power by dominant firms. In contrast, the focus of regulation tends to be on specific sectors such as telecommunications, energy or postal services. Nevertheless, competition issues are often discussed in relation to competition in a specific market.

In relation to the telecommunications sector, research examined how local government planning regulations and charges affected the deployment of telecommunications infrastructure. A wide variation in these regulations across local Councils was found. Such regulatory complexity places extra compliance burdens on private operators, which may in turn distort the level and regional pattern of network investment. The research findings suggested further regional harmonisation of development policy towards telecoms infrastructure to avoid exacerbating regional disparities in the rollout of services.

A major project for the **Health Service Executive** was completed on the pricing of prescription pharmaceuticals ahead of the expiry of agreements between the HSE and pharmaceutical industry representative bodies (report published in January 2012). Recommendations were made not only to reduce the price of new pharmaceuticals but also for off-patent products where there was generic competition. The report recommended that patients should be provided with much more information at the pharmacy level, both to incentivise pharmacies to cater to patient needs and for patients to have the information on which to make sensible choices as to which pharmacy to select.

Researchers in this area provided advice in response to several government consultation papers. In the area of household waste collection ESRI researchers argued that competition for the market was better than competition in the market. With respect to the proposal for a Statutory Code of Practice for Designated Grocery Undertakings it was argued that the Code was likely to lead to higher prices for consumers, while at the same time damaging the competitiveness of the grocery sector.

Programme Coordinator: Paul Gorecki

Others working in this area include: John FitzGerald, Stefanie Haller, Hugh Hennessy, Pete Lunn, Seán Lyons, Laura Malaguzzi Valeri, Richard Tol, Michael Savage.

Project Title	Client/Funding Agency	Status	Researchers
Delivery of Pharmaceuticals in Ireland	Health Service Executive	Completed	P. K. Gorecki A. Nolan A. Brick S. Lyons

Economic Growth and Environmental Sustainability

COMPETITION AND REGULATION (continued)

Project Title	Client/Funding Agency	Status	Researchers
Research in Communications: 1) Modelling the Market for Broadband Services 2) Economic and Social Aspects of Broadband Availability and Adoption 3) Effects of Electronic Communications Services on Company Performance 4) Implications of Behavioural Economics for Economic Regulation and Consumer Protection 5) Effect of Local Regulation on Investment in Masts and Duct Infrastructure	Department of the Environment, Heritage and Local Government; Department of Communications, Energy and Natural Resources	In progress	S. Lyons S. Haller P. Lunn H. Hennessy P. K. Gorecki M. Savage

Journal Articles

“A Decision of an Association of Undertakings: Reflections on a Recent Irish Supreme Court Decision, *Hemat v Medical Council*”, *European Competition Law Review*, Vol. 32, Issue 3, pp. 153-160, **Paul K. Gorecki**.

“Credit Where Credit’s Due: Accounting for Co-authorship in Citation Counts”, *Scientometrics*, Vol. 89, No. 1, 2011, pp. 291-299, **Richard S. J. Tol**.

“Do You Believe in Magic? Improving the Quality of Pharmacy Services Through Restricting Entry and Aspirational Contracts, the Irish Experience”, *The European Journal of Health Economics*, Vol. 12, Issue 6, December 2011, pp. 521-531, **Paul K. Gorecki**.

“Economic Regulation: Recentralisation of Power or Improved Quality of Regulation?”, *The Economic and Social Review*, Vol. 42, No. 2, Summer 2011, pp. 177-211, **Paul K. Gorecki**.

“Public Policy Towards the Sale of State Assets in Troubled Times: Lessons from the Irish Experience.” *Utilities Policy*, Vol. 19, Issue 3, September 2011, pp. 193-201, **Paul K. Gorecki, Seán Lyons, Richard S. J. Tol**.

“Revising Irish Merger Guidelines: Lessons”, *European Competition Law Review*, Vol. 32, Issue 10, 2011, pp. 500-506, **Paul K. Gorecki**.

“Too Many Unnecessary Merger Notifications in Ireland?”, *Journal of Competition Law & Economics*, Vol. 7, No. 3, 2011, pp. 651-670, **Paul K. Gorecki**.

ESRI Research Bulletins

“Selling State Assets: Three Options”, ESRI Research Bulletin No. 2011/3/1, **Paul K. Gorecki, Richard S. J. Tol**.

ESRI Working Papers

WP417: “Telecommunications Consumers: A Behavioural Economic Analysis”, **Pete Lunn**.

COMPETITION AND REGULATION (continued)

WP401: “How Impact Fees and Local Planning Regulation can Influence Deployment of Telecoms Infrastructure”, **Paul K. Gorecki, Hugh Hennessy, Seán Lyons**.

WP389: “The Role of Decision-Making Biases in Ireland’s Banking Crisis”, **Pete Lunn**.

WP387: “Credit Where Credit’s Due: Accounting for Co-Authorship in Citation Counts”, **Richard S. J. Tol**.

WP383: “Merger Control in Ireland: Too Many Unnecessary Merger Notifications?”, **Paul K. Gorecki**.

WP379: “Revising Merger Guidelines: Lessons from the Irish Experience”, **Paul K. Gorecki**.

WP373: “Economic Regulation: Recentralisation of Power or Improved Quality of Regulation?”, **Paul K. Gorecki**.

ESRI Submissions

“A Submission to the Competition Authority Consultation on Guidelines for Merger Analysis”, ESRI Submission No. 2011/2, **Paul K. Gorecki**.

“A Submission to the Department of Jobs, Enterprise and Innovation on the Proposed Statutory Code of Practice for Designated Grocery Goods Undertakings”, ESRI Submission No. 2011/5, **Paul K. Gorecki**.

“A Submission to the Department of the Environment, Community and Local Government on the Discussion Document, Altering the Structure of Household Waste Collection Markets”, ESRI Submission No. 2011/6, **Paul K. Gorecki, Seán Lyons**.

Presentations/Papers Read to Conferences and Learned Societies

“Competition Policy in Ireland: Cycles, Partnership and the EU/IMF Package”, ‘Dublin Economic Workshop’, 34th Annual Economic Policy

Conference, Kenmare, October, **Paul K. Gorecki**.

“Examining the Impact of EU Electricity Integration on the Irish SEM”, ‘EU Integrated Electricity Market’ Seminar, Ernst & Young, Dublin, September, **Paul K. Gorecki**.

“How Local Planning Regulations and Impact Charges can Influence Deployment of Telecoms Infrastructure”, European Regional Conference 2011, International Telecommunications Society, Budapest, September, **Seán Lyons**.

“Public Policy Towards the Sale of State Assets in Troubled Times: Lessons from the Irish Experience”, ‘Future of State Assets’, Eolas Economy Seminar Series, Dublin, September, **Paul K. Gorecki**.



Surveys and Data from Administrative Records

COMMISSIONED NATIONAL STUDY OF CHILDREN

Project Title	Client/Funding Agency	Core GUI Project Team based in the ESRI	
The National Longitudinal Study of Children in Ireland (NLSCI) – Growing Up in Ireland research programme	Department of Children and Youth Affairs in association with the Department of Social Protection and the Central Statistics Office	J. Williams (Lead) F. Burke M. Chance C. Delaney P. Fennell J. Gleeson A. Kennedy	C. McCrory A. Murray A. Murphy P. Needham S. Nelson A. Quail E. Ryan M. Thornton

During 2011, work continued on the major research programme involving a national longitudinal study of children – the **Growing Up in Ireland** study. This programme is a Government study, funded by the **Department of Children and Youth Affairs** in association with the **Department of Social Protection** and the **Central Statistics Office**. The study is being carried out by a consortium of researchers led jointly by the Economic and Social Research Institute and Trinity College Dublin.

Fieldwork on the second round of the Infant Cohort (at 3 years of age) was carried out between January and July 2011. Just over 10,000 families were interviewed. This phase marked the infant’s first direct involvement with the project, in the form of cognitive testing. Only their parents/guardians were interviewed in the first wave of the project, when the infant was 9 months of age.

In addition to work on the Infant Cohort, the fieldwork for the second sweep of the Child Cohort (at 13 years) began in August 2011. The cohort was first interviewed when the Study Children were 9 years of age. The second round of fieldwork involved interviewing the 13-year-old and his/her family in the Study Child’s home as well as collecting information from the school attended by the child. Interviewing with this cohort should be completed in early 2012.

Several workshops on **Growing Up in Ireland** data were held throughout 2011. These were attended by researchers, policymakers and other

stakeholders from a range of institutions and organisations. These workshops promote and support the use of the data and their potential to a large number of researchers and other users.

The third Annual **Growing Up in Ireland** Research Conference was held on 1 December to launch the first findings from the 3-year cohort. The Conference was opened by Minister Frances FitzGerald T.D., Minister for Children and Youth Affairs. Following the launch of the first results from the 3-year cohort researchers from Ireland and elsewhere read a total of 24 papers based on **Growing Up** data. The presentations are available on the esri website. The Keynote address, entitled *The Early Years and Later Development: Evidence and Social Policy*, was delivered by Professor Ted Melhuish from Birkbeck, University of London.



James Williams and Minister for Children and Youth Affairs, Frances FitzGerald T.D., at the **Growing Up in Ireland** 3rd Annual Research Conference – December 2011.

Surveys and Data from Administrative Records

COMMISSIONED NATIONAL HEALTH DATA PROGRAMMES

The **Health Service Executive** funds the ESRI to manage and develop two national data bases collecting health information from administrative records. Reports on the Hospital In-Patient Enquiry (HIPE) and the National Perinatal Reporting System (NPRS) were published and can be accessed on the ESRI website (www.esri.ie). Increasing recognition of the potential use of these data for a range of applications including planning, evaluation, financing and epidemiological research is indicated by the growth in downloading data directly from the online HIPE Reporter and direct requests for data from the ESRI. The clinical coding education programmes provided courses to over 600 participants using onsite and online training facilities.

A significant milestone for the HIPE system was the completion of the installation in all acute hospitals of the HIPE Portal. The Portal is a web enabled system for collecting and accessing HIPE data which greatly increases the functionality of the system locally and nationally. A direct offshoot of this system has been the creation of condition

specific data collection functions in association with the HIPE system to support the work on the HSE Clinical Teams. The HIPE system now directly facilitates the collection of substantially expanded information systems for a number of areas including Stroke and Heart Failure and ongoing expansion of this facility is planned.

Collaboration with colleagues nationally and internationally continued to develop. Early in 2011 the Health Research and Information Group, in association with Patient Classification Systems International, hosted a Winter School with an international faculty and student group on the issue of Casemix-Based Financing of Healthcare. This event was associated with visits and presentations to delegations from a number of countries and resulted in follow-up training being provided by HIPE staff to coding staff in Lithuania. The programme for this event included a national conference on casemix classification, analysis and financing for the acute hospital sector which was attended by over 100 participants from the hospital, academic and policy sectors.

Project Title	Client/Funding Agency	Project Team	
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** On Secondment

Denis Conniffe - Obituary



Denis Conniffe
1942–2011

On 20 January 2011, Ireland lost a great economist and statistician with the passing of Denis Conniffe. He was a member of staff at the ESRI from 1980 until 2004 and following his retirement from the Institute he continued to act as a consultant to ESRI staff.

Denis was born in Dublin in 1942. He studied at University College Dublin (UCD) and at the University of Aberdeen and was awarded his Ph.D. by Trinity College Dublin in 1974. In 1980, he joined the Economic and Social Research Institute from the Agricultural Research Institute and worked as Research Professor and as Deputy Director until 2004. Between 2004 and 2011, he held Research Professor positions in NUI Maynooth and UCD.

He was among Ireland's most distinguished academics and published widely as both an economist and a statistician. His papers appeared in journals such as *Econometrica*, *The Review of Economics and Statistics*, *The Journal of Econometrics*, *Biometrika*, *The Journal of Statistical Planning and Inference* and *The Statistician*. He was formally recognised by his peers in a number of ways, such as his election to the Royal Irish Academy and his presidencies of both the Irish Economics Association and the Irish Statistical Association.

While Denis made a major contribution to the subjects of statistics and economics through his own published work, he also made a significant contribution through teaching and through supervising Ph.D. students. He also provided advice and guidance to many of his colleagues. Denis had an incredible ability to explain complex methods in a manner that made complete sense. Even more remarkable was his talent to enliven the dullest topic with his wit while being tolerant and patient with questions. It was through this role in offering support and guidance to students and to colleagues that Denis showed one of his most appealing qualities – immense professional generosity. He was willing to spend endless time explaining concepts and answering questions.

Within the ESRI, Denis will be remembered especially for his contribution to maintaining the highest standard of work among all researchers through insightful comments, practical suggestions on technical improvements and an insistence on the pursuit of excellence in all research.





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