

33rd ANNUAL CONFERENCE

**University of St. Andrews, Scotland, 20th - 22nd
August 2003**

Programme

Tuesday 19 August 2003

19:00 onwards - Registration, University of St Andrews New Hall

Wednesday 20 August 2003

09:15 – 10:45

Parallel session 1 - Crime and Spatial Dynamics

- 1) "Criminal Behaviour and Social Context: the role of spatial effects", Ian Gordon and Vassilis Monastiriotis (LSE)
- 2) "Spatial Patterns of Crime: Can Labour Market Variables Explain them?", Kirstine Hansen (LSE)
- 3) "Is an area's level of crime influenced by the nature of the surrounding areas?", Mike Coombes & Simon Raybould (CURDS, University of Newcastle upon Tyne)

Parallel session 2 – Devolution and Regional Development

- 1) "Regional Development Agencies: Breaking the Mould?" Mike Danson (Paisley University) and Ross Brown (Scottish Enterprise)
- 2) "What Drives Regional Development Success? The Cases of Wales and New South Wales", Paul Collits (NSW Department of State and Regional Development) and Stephen Hill (University of Glamorgan)
- 3) "Local and Regional Economic Development Organisations in England and the United States", Terry L. Clower (University of North Texas, USA) and Graham Haughton (University of Hull)

Parallel session 3 - Core and peripherality in regional science

- 1) "Over-Reliance on the Core-Periphery Model? The Case of Israel", Raphael Bar-El (Ben-Gurion University of the Negev, Israel) and John B. Parr (University of Glasgow)
- 2) "The Economic Geography of Remoteness", Lee Huskey (University of Alaska Anchorage)
- 3) "Power Law and Increasing Returns", Hsin-Ping Chen (University of Tapei, Taiwan)

10:45 – 11:15: Coffee/Tea

11:15 – 12:45

Parallel session 1 - Geographies of crime

- 1) "How to tackle crime dynamics using GIS? – A GIS package application", Young-Hoon Kim, Paul Brindley, and Max Craglia (University of Sheffield)
- 2) "Predicting the Geo-Temporal Occurrence of Crime", Jonathan Corcoran, Ian D Wilson, J Andrew Ware (University of Glamorgan)
- 3) "Crime in border regions: The Scandinavian case of Oresund, 1998-2001", Vania Ceccato & Robert Haining (University of Cambridge)

Parallel session 2 – Devolution and Regional Development: regional policy issues

- 1) "The Formulation of Irish Regional Policy: Growth versus Distribution" Eoin O'Leary (University College, Cork)
- 2) "The Implementation of EU Regional Policy – A Case Study of Pre and Post Devolution Wales" Roisin Willmott (Cardiff University)
- 3) "Interregional relationships and uneven development among the regions of Spain and Portugal", Sandy Dall'erba (CATT, Université de Pau, France/REAL, University of Illinois at Urbana Champaign)

Parallel session 3 - Clusters: New conceptualisation of cluster theory, policy and practise

- 1) "Cluster dynamics: some new evidence and projections" Bernard Fingleton, Danilo Iglori, Barry Moore (University of Cambridge).
- 2) "Recognising and making sense of knowledge in a knowledge-intensive world" Rachel Granger (CURS, University of Birmingham)
- 3) "Evidence based regional policy: an alternative approach" Jane Bryan & Calvin Jones (Cardiff University)

12:45 – 14:00 Lunch

14:00 – 15:00 Plenary:

"Small entrepreneurial firms in Scotland", Professor Gavin Reid, Director, Centre for Research into Industry, Enterprise, Finance and the Firm (CRIEFF) University of St Andrews

15:00 – 17:30 (tea/coffee break at 16:00 – 16:30)

Parallel session 1 - Policing/neighbourhood effects

- 1) "Road traffic incidents: issues surrounding data quality, accuracy and policing", Tessa Anderson (UCL)
- 2) "Analysing the Geography of Police Performance – Does Scale Matter?", David I. Ashby, Paul A. Longley (UCL) and Barrie L. Irving (The Police Foundation)
- 3) "The Costs of Urban Property Crime", Steve Gibbons (LSE)
- 4) "Bayesian Spatial Modelling of High Intensity Crime Areas", Jane Law and Robert Haining (University of Cambridge)

Parallel session 2 – Devolution and Regional development: Scottish case study

- 1) "The changing scales of economic and political frameworks: the economic logic of integration v. the political logic of fragmentation. Scotland within the UK :between political autonomy and economic integration" Lise-Marie

Couronne (Université de Paris I Panthéon-Sorbonne)

2) "The Barnett Formula and the Scottish Economy", L Ferguson, P G McGregor, J K Swales and K Turner, (University of Strathclyde)

3) "The limits to the economic decision making of devolved governments: the economic policies of the Scottish Parliament", David Newlands (University of Aberdeen)

Parallel session 3 - Clusters: systems and territorial innovation and learning

1) "Collective learning' as an explanation for 'clustering' in knowledge industries: an exploration in the case of the Irish indigenous software industry", Mike Crone (Queens University, Belfast)

2) "Where is the value added in the cluster approach? Making sense of clusters" Paul Benneworth and Nick Henry (University of Newcastle upon Tyne)

3) "The possibilities of integration of Central Mexico to knowledge based economy" Ryszard Rózga (Autonomous University, Mexico).

4) "The emergence of clusters and regional innovation systems: the case of Portugal" Silvia Fernandes (Faculty of Economics, University of the Algarve, Portugal).

18:45 Social Event: RSAI putting contest, conquering The Himalayas! (followed by drinks reception)

Thursday 21 August 2003

9:15-10:45

Parallel session 1 - Regional Sustainability: concepts and challenges

1) "The Concept of Sustainability: Trade-Offs Between Consumption, the Environment, Equity and Quality of Life", Eduardo Anselmo de Castro, José Manuel Gaspar Martins (University of Aveiro) and Chris Jensen-Butler (University of St. Andrews)

2) "From Smart Growth to Sustainability: The Challenge of Multiple Paradigm

Change”

Sherman L. Lewis (California State University)

3) “Decentralisation and small-scale manufacturing: the basis of sustainable regions?”

Peter Wells and Paul Nieuwenhuis (Cardiff University)

Parallel session 2 – Devolution and Regional Development; built environment

1) “Land Development and Land Use Devolved to Local Government in South Africa”

Henning Stapelberg (Bloemfontein, South Africa)

2) “Devolution and Policies toward the Built Environment”, Colin Jones (Heriot-Watt University)

3) “The changing geography of housing tenure in the UK”, Donald Houston (University of Dundee)

Parallel session 3 - Clusters: territorial firm based knowledge development

1) “External economies and firm performance within the business service cluster in South East England: some preliminary research findings” Willeam Gleave (Canterbury Christ Church College)

2) “Identifying cluster drivers in South Yorkshire’s advanced manufacturing and metals industries” Bea Jefferson (University of Sheffield).

3) “Innovation systems and the Celtic Tiger: firm level evidence”, Declan Jordan, (University College, Cork).

10:45 – 11:15 Coffee/Tea

11:15 – 12:45

Parallel session 1 - Regional Sustainability: strategies and progress

1) “The Cape West Coast: A Strategy For Sustainable Regional Development” Maléne. M. Campbell (University of the Free State, South Africa)

2) “Contested Ruralities: Housing in the Irish Countryside”, Karen Keaveney (NUI Maynooth)

3) "Progress in making development sustainable in Scotland", Ian Moffatt (University of Stirling)

Parallel session 2 - Regional Development - the role of the Government

- 1) "Institutional factors in regional development in Mexico", Luisa Decuir-Viruez (University of Kent at Canterbury)
- 2) "Government Expenditure and its impact on regional prosperity", Peter Gripiaios (Plymouth Business School)

Parallel session 3 - Clusters as social networks: complementary analytic perspectives

- 1) "From Nature to Markets: The Collective Imperative for Innovation in Natural Resource-Based Local Production Systems" Knut Bjørn Lindkvist (University of Bergen, Norway) & José Luis Sánchez (University of Salamanca, Spain)
- 2) "The embeddedness of industries: a time-geographical approach" Arnt Fløysand (University of Bergen)
- 3) "Networks and Embeddedness in small towns in the Highlands and Islands of Scotland" Jane Atterton (University of Aberdeen)

12:45 – 14:00 Lunch

14:00 – 15:30

Parallel session 1 - Regional sustainability - sustainable development policy

1) "Assessing progress towards sustainable development in Wales: Methods and issues"

Max Munday & Annette Roberts (Cardiff University).

2) "An Inter-Regional Environmental Social Accounting Matrix and Input-Output System for Scotland and the Rest of the UK" L. Ferguson, P.G. McGregor, J.K. Swales and K.R. Turner (University of Strathclyde)

3) "Towards an Integrated Regional Materials Flow Accounting Model" P. Sinclair, W. Mellor, T. Jackson (University of Surrey)

Parallel session 2 - Regional Development: rural issues

- 1) "Territorial Systems in the Rural Areas of the European Union", Maria Teresa de Noronha Vaz and Marisa Cesário (University of Algarve, Portugal)
- 2) "Regional Government Problems and Possibilities: A Case Study of Rural Development Actors in the North East of England", Nicola Thompson (University of Leeds)
- 3) "The Dynamics of Rural Areas (DORA): Factors underlying economic performance in rural regions of the EU", John Bryden and Jane Atterton (University of Aberdeen)

Parallel session 3 - Business/Producer services and Regional Economies

- 1) "Future employment in UK City Regions: the influence of the geography of producer services", Alan Townsend and Janet Tully (University of Durham)
- 2) "The contribution of Small and Medium Sized Firms to the development of local entrepreneurship and generally to the endogenous regional growth: The role of the European Investment Fund SMEs Guarantee Facility and of the Greek new Institution of SMEs Credit Guarantee Fund", Chryssanthi K. Balomenou (Hellenic Open University, Greece)
- 3) "The role of headquarters in a knowledge intense urban economy", Stig-Erik Jakobsen (University of Bergen, Norway)

15:30 – 16:00 Coffee/Tea

16:00 – 18:00

Parallel session 1 - Regional Sustainability: sustainable development policy

- 1) "A decision support tool for assessing sustainable transport", Nicodemus Herb Castillo and David E. Pitfield (Loughborough University)
- 2) "The implementation of sustainable waste policy at the regional level: a comparative approach between Wales and the South West of England region", Caroline Cohen (Cardiff University) and Nick Chase (South West Regional Assembly)

3) "Agrotourism in the Greek Islands. The case of non-sustainable agrotouristic development in Naxos (Cyclades) An example from the Greek Ombudsman Cases", Nikos Vittis, Katerina Vlachou, Costas Antoniadis (The Greek Ombudsman, Athens, Greece)

4) "Regional Dichotomy - Strategic Planning Interventions for Balanced Regional Development for the Vagra-Dahej Sub Region, Bharuch District, India" Mittal Jay (Center for Environmental Planning & Technology, India) and Byahut Sweta (Environmental Planning Collaborative, India)

Parallel session 2a - Regional Development: role of sport and leisure (16:00 – 17:00)

1) "The Economic Impact of a Sporting Event: A Regional Approach" Ronald W McQuaid and Malcolm Greig (Napier University)

2) "Gambling is a Regional Economic Development Issue: The UK's National Lottery and Electronic Gaming Machines (EGMs) in Queensland Australia", Kerry Brown, Steve Hill (University of Glamorgan), David Pickernell and Andrew Worthington (Queensland University of Technology, Australia)

Parallel session 2b - Regional Development: impact modelling (17:00 – 18:00)

1) "Impact Evaluation on Regional Level: An Input-Output and Social Accounting Approach", Benjamin Buser, (Agricultural Economics, Swiss Federal Institute of Technology)

2) "Exercising Limited Scottish Fiscal Autonomy: Inverted Haavelemo Effects in a General Equilibrium Analysis of the 'Tartan Tax' ", P G McGregor, J K Swales, Y P Yin and J Stevens (University of Strathclyde)

Parallel session 3 - EU Regional Convergence

1) "Regional Convergence in the European Union: A Stochastic Dominance Approach"

Anca Carrington, (University of Bradford)

2) "Geographic Spillover Effects of Regional Funds and their Impact on the European Convergence Process over 1989-1999", Sandy Dall'erba (CATT, Université de Pau, France/REAL, University of Illinois at Urbana Champaign)

and Julie Le Gallo (LATEC, Université de Bourgogne, France /REAL,
University of Illinois at Urbana Champaign)

3) "Explaining the distribution of manufacturing productivity in the EU regions",
Bernard Fingleton (University of Cambridge) and Enrique López-Bazo
(University of Barcelona)

4) "Income Convergence across US States: An Analysis using Measures of
Concordance and Discordance", Don J. Webber, Paul White and David O.
Allen (University of the West of England)

18:10 AGM

20:00 Conference Dinner

Friday 22 August 2003

09:15 – 10:45

Parallel session 1 - EU Regional Convergence

1) "Convergence Performance of Non-EU Countries", Edward Nissan
(University of Southern Mississippi)

2) "EU Regional and Cohesion Policy and Economic Integration of the
Accession Countries – the case of Poland" Arkadiusz Kowalski (Warsaw
School of Economics, Poland)

3) "Regional policy and clusters in converging Lithuania", Vytautas Snieska,
Jadvyga Ciburiene, Grazina Startiene, Valentinas Navickas (Kaunas
University of Technology, Lithuania)

Parallel session 2 - Employability and local labour markets

1) "How Well are Women Doing? Cross-regional Variation in Female Non-
Employment and its Composition" Michael Anyadike-Danes (Northern Ireland
Economic Research Centre)

2) "A Rose by any other name? Regional Economic Development and the

New Deals for Disabled People's Job Broking Programme", David Brooksbank, Kevin Fitzpatrick, David Pickernell, and Laura Putterill (The Shaw Trust and the University of Glamorgan)

3) "Measuring the Impact of Spatial and Skills Mismatches on the Pattern of Small Area Unemployment Rates within Metropolitan Areas", Donald Houston (University of Dundee)

Parallel session 3 - Regional socio-economic forecasting

1) "Simulating trends in labour markets and income inequalities in British regions between 1991-2021", Dimitris Ballas, Graham Clarke, Danny Dorling, David Rossiter and Bethan Thomas (University of Leeds)

2) "Estimating Small-Area Population Change with a Two-Category Shift-Share Model", Gordon Mulligan and Andreas Molin (The University of Arizona)

3) "Forecasting economic development using urban competitiveness and attractiveness factors", Antonio Serrano (University of Glasgow)

10:45 Coffee/Tea

11:15 – 12:45

Parallel session 1 - EU regional convergence

1) "The Urban Size Distribution for Europe: How well does the rank-size rule work here?" Graham Crampton (Reading University)

2) "Economic growth in Hungary 1990 – 2000", György Kociszky, István Bakos

Miskolci Egyetem, Miskolc-Egyetemváros (University of Miskolc, Hungary)

3) "Regional Redistribution : Western Region Development in China", Gao Guoli (State Development Planning Commission, China)

Parallel session 2 - Employability and local labour markets

1) "The Impact of Demographic and Individual Heterogeneity on Unemployment Duration: A Regional Study", William Collier (University of Kent at Canterbury)

- 2) "Graduate employability in Greece", Niki P. Kyriakidou (University of Leeds)
- 3) "Employability and the long-term unemployment in local labour markets", Ronald W. McQuaid and Colin Lindsay (Napier University)

Parallel session 3 - Retail analysis

- 1) "An Analysis of the Relationship between Retail Market Forms and Manufacturer's Profit", Toshiharu Ishikawa (Chuo University, Japan)
- 2) Retail interaction modelling using meso and micro approaches, T. Nakaya, K. Yano, (Ritsumeikan University, Kyoto, Japan), A.S. Fotheringham (University of Newcastle upon Tyne), D. Ballas, G.P. Clarke (University of Leeds)
- 3) "Local Shops for Local People? The importance of knowledge transfer in household consumption patterns", Susannah Ford (University of Plymouth)

12:45 – 14:00 Lunch

14.00 – 15.30

Parallel session 1 - Labour markets and migration

- 1) "Amenities and the Response of Human Capital Migration to Regional Shocks", Donald G. Freeman (Sam Houston State University) and Vijay K. Mathur (Cleveland State University)
- 2) "Family migration and labour market outcomes: a panel investigation", Harminder Battu and Euan Phimister (University of Aberdeen)
- 3) "Patterns and trends in employment by duration in Scotland", John Adams (Napier University) and Ray Thomas (Open University)

Parallel session 2 - Spatial modeling

- 1) "Application of a hybrid multi-agent model to petrol prices", Alison Heppenstall, Andrew Evans and Mark Birkin (University of Leeds)
- 2) "Agent based modelling: application to spatial epidemiology", Joana Margarida (UCL)
- 3) "Getting the most out of spatial interaction models", A. Stewart

Fotheringham, Stamatis Kalogirou (University of Newcastle upon Tyne) and T. Nakaya (Ritsumeikan University, Kyoto, Japan)

Parallel session 3 - Regional Diversity

- 1) "Employment Diversity and Specialisation in the British Urban System 2001", Dan O'Donoghue (Canterbury Christ Church University College)
- 2) "Regional Specialisation and Uneven Regional Convergence: The Malaysia Case", Asan Ali Golam Hassan (Universiti Utara Malaysia)

Tea 15.30-16.00

16:00- 17:30

Parallel session 1 - Spatial Modelling

- 1) "Assessing the Impacts of Urban Policy: A Comparison of the Methods used in Britain and Japan", Hiroyuki Shibusawa (Toyohashi University of Technology, Japan) and Peter W.J. Batey (University of Liverpool)
- 2) "A Spatial Econometric Analysis of County-Level Child Poverty Rates in the U.S."
Paul R. Voss (University of Wisconsin-Madison)
- 3) "The Location of the Brazilian Industry over the last three decades", Filipe Lage de Sousa (Brazilian National Bank)

Parallel session 2 - Transport and the Economy

- 1) "Spatial Effects on Macroeconomic Equilibrium", Fernando Barreiro-Pereira (Universidad Nacional de Educaci?n a Distancia, Madrid)
- 2) "The Regional Effects of Experience with the Private Finance of Transport Infrastructure: Some Evidence from the UK", Roger Vickerman (University of Kent at Canterbury)
- 3) "Provision of International Quasi-Public Goods", Tatsuaki Kuroda (Nagoya University, Japan)

Parallel session 3 - I/O Goal programming

- 1) "Dynamic Input-Output Models", Fatemeh Bazzazan (Azzahra University, Iran)
- 2) "Construction and Application of an Input-Output Table for the South West Region of Ireland with a Disaggregated Agriculture, Forestry and Fishery Sector" Denis O'Sullivan and Richard Moloney, (National University of Ireland, Cork)
- 3) "A Regional Economic Resource Allocation Using a Goal Programming Integrated to a Social Accounting Matrix" Nooraddin Sharify (University of Mazandaran, Iran)