

## Curriculum vitae: Professor Peter Howley

Nationality: Irish

Date of Birth: 14/11/80

### Employment

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- Professor of Economics and Behavioural Science, Leeds University Business School, University of Leeds (2020 -)

#### *Past positions*

- Associate Professor Economics, Leeds University Business School, University of Leeds (2018 - 2020)
- Senior Lecturer in Economics, Environment Department, University of York (2015-2018)
- Lecturer in Economics, Environment Department, University of York, 2012-2015.
- Economist employed at the Rural Economy Research Centre, at Teagasc (semi-state advisory body in Ireland), 2007-2012.

### Education

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2008 PhD Economics and Environmental Policy, University College Dublin

2003 MA Economics, National University of Ireland Galway

2002 BA Economics and Law, National University of Ireland Galway

### Awards

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- Fellowship from the Faculty of Arts, National University of Ireland Galway (2002) (€10,000) - based on academic excellence
- Open postgraduate research scholarship from the Faculty of Engineering and Architecture, University College Dublin (2005) (€7,000) - based on academic excellence
- Urban Institute Research Scholarship (2003) €15,000
- Environmental Protection Agency Doctoral Scholarship (2004-2007) (€70,000)

### Research Interests

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Economics of happiness, nudge theory, identity economics, environmental and natural resource economics; farmer behaviour, labour and health economics

**Research Funding:** *I have been involved in research grants totalling over £4 million. My own individual component as PI or Co-I comes to approximately £1 million.*

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Waqas, M., Howley, P. and Yalonetzky, G. (£255,000) The role of the neighbourhood environment in moderating the well-being impact of Covid-19, 2020-2022 (Co-I).

Howley, P., Moro, M., Heron, T. and Delaney, L. (£270,000) Immigration and well-being. Nuffield foundation, 2017-2020 (PI)

Scarpa, R., Howley, P., Panzone, L. and Thankappan, S. (£29,000) Cost-effective supply chain for livestock in Ethiopia. N8 Strategic pump priming, 2017-2018 (Co-I)

Doherty, B., Ensor, J., Grieve, B., Halford, J., Heron, T., Howley, P., Petrie, H., Pickett, K. and West, C. (£3.4m), IKnow Food, BBSRC, 2016-2021 (Co-I)

Howley, P. and McClean, C. ESRC PhD Studentship (£51,000), 2014-2017 (PI)

Doherty, B. et al. N8 Industry Innovation Forum (£27,000), 2015

Howley, P. Offaly Local Development Authority (€30,000), 2012

Howley, P., Buckley, C. and O Donoghue, C. (€88,000) Public attitudes towards water quality. Environmental Protection Agency, 2011-2012 (PI)

Howley, P., Buckley, C. and O Donoghue, C. (€86,000), The drivers of river water quality. Environmental Protection Agency, 2011-2012 (PI)

**Selected Recent Journal Publications and Invited Revisions:** *I have published 50 papers in total across the social sciences (36 as lead). A concern with well-being in a broad sense underpins much of this work. Some specific topics that I have published frequently on include: the economics of happiness, nudging, immigration attitudes, identity economics, farmer behaviour and environmental economics.* Methods principally quantitative but I do employ qualitative research and mixed methods from time to time.

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### ***Economics of happiness***

Anaya, L. Howley, P. Waqas, M., and Yalonetzky, G. (2022) Locked down in distress: A causal estimation of the mental health fallout from the covid-19 pandemic. Revise and Resubmit, *Economic Inquiry*. Working paper version available [here](#)

Ocean N. and Howley, P (2022) Which benefits would make farmers happier, and which would they choose? *Land Economics*, In press.

Howley, P., and Waqas, M. (2022) Identity, immigration and subjective well-being, *Oxford Economic Papers*, <https://doi.org/10.1093/oep/gpac045>

Chaudhuri, K., and Howley, P. (2022) The impact of covid-19 vaccination for mental health. *European Economic Review*, 150, 104293.

Howley, P. and Knight, S. (2021) Staying down with the Joneses: Differences in the Psychological Cost of Unemployment across Neighbourhoods. *Work, Employment and Society*, 1-21.

Howley, P. Moro, M. Waqas, M., Delaney, L. and Heron, T. (2020) It's not all about the economy stupid! Immigration and subjective well-being in England. *Work, Employment and Society*, 1-18.

Ocean, N., Howley, P. and Ensor, J. (2020) Lettuce be happy: A longitudinal UK study on the relationship between fruit and vegetable consumption and well-being. *Social Science and Medicine*, 335-345.

Howley, P. (2017) Less money or better health? Evaluating individuals' willingness to make trade-offs using life satisfaction data. *Journal of Economic Behaviour and Organisation*, 135-53-65.

Howley, P., Dillon, E., Heanue, K. and Meredith, D. (2017) Worth the risk? The behavioural path to well-being. *Journal of Agricultural Economics* 68, 534-552.

Howley, P., O Neill, S. and Atkinson, R. (2015) Who needs good neighbours? *Environment and Planning A*, 47, 939-956.

### ***Nudging/Experimental***

Howley, P. and Ocean, N. (2022) Can nudging only get you so far? Testing for crowd out effects. *European Review of Agricultural Economics*, 45 (5), 1086-1112.

Howley, P. and Ocean, N. (2021) Doing more with less: Leveraging social norms and status concerns in encouraging conservation practices. *Land Economics*, 97, 372-387.

Ocean, N. and Howley, P. (2021) Using choice framing to improve the design of agricultural subsidy schemes. *Land Economics*, 97, 933-950.

### ***Environment/Agriculture***

Trujillo, J. and Howley, P. (2021) The effect of weather on crime in a 'Torrid' urban zone. *Environment and Behavior*, 1-22.

Ensor, J., Mohan, T., Forrester, J., Khisa, U.K., Karim, T. and Howley, P. (2021) Opening space for equity and justice in resilience: a subjective approach to household resilience assessment. *Global Environmental Change*, 68.

Marr, E. and Howley, P. (2019) The accidental environmentalists: Factors affecting farmers' adoption of pro-environmental activities in England and Ontario. *Journal of Rural Studies*, 68, 100-111.

Howley, P. (2016) The happy farmer: the effect of non-pecuniary benefits on behaviour. *American Journal of Agricultural Economics*, 97, 1072-1096.

Howley, P., Buckley, C., Donoghue, C. and Ryan, M. (2015) Explaining the economic 'irrationality' of farmers' land use behaviour: the role of productivist attitudes and non-pecuniary benefits. *Ecological Economics*, 109, 186-193

### **Media**

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My research relating to the role of neighbouring, diet, air pollution and immigration has featured widely in the media, e.g. BBC radio, The Times, Guardian, CNN and The Conversation.

*Recent blog posts in The Conversation:*

[Why unemployment can feel better when there is more of it around](#): September 14<sup>th</sup> 2021 – 3,463 reads

[Eating more fruits and vegetables linked to better mental well-being – new research](#): Feb 7<sup>th</sup> 2019 – 113,639 reads.

[How immigration can make some UK-born residents feel worse off even if they aren't: - new research](#): September 6<sup>th</sup> 2019 – 14,452 reads.

[Air pollution may be affecting how happy you are](#): Jan 30<sup>th</sup> 2019 - 47,289 reads

*Other selected recently published blog posts*

[Measuring the impact of immigration for subjective well-being](#): Nuffield Foundation

[The economics of happiness](#): Network.

[Covid-19 Research: Are we moving too fast?](#): LSE British Politics and Policy Blog

[In this election, Trump is down but far from out](#): LSE USA APP blog.

[Payments for public goods: Rethinking what it is to be a good farmer](#). N8 Policy Hub

[10 commandments for judging the merits of an empirical paper](#). *Towards Data Science*

[Dealing with rejection by reviewers after submitting a research paper](#). *Towards Data Science*

[Looking for research income](#)

[Desk rejects](#)

### **PhD/PDRA supervision**

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*Current PhD students*

- Rushi Chen (co-supervisor with Effie Kesidou): The causal impact of ETS in China
- Dave Roberts (co-supervisor with Christopher Forde and Rachel Mathieson): Well-being and

workplace culture

- Youxing Wang (co-supervisor with Clemens Hetschko): Essays on the economics of happiness
- Bodour Alhumaid, (co-supervisor with Clemens Hetschko): Unemployment and well-being in developing countries

#### *Completed*

- *Fari Aftab (co-supervisor with David Spencer and Julianne Scheffel): The economic and social integration of migrants in the UK*
- *Xiaowen Wang (co-supervisor with Murray Rudd): Pharmaceuticals and Personal care Products in the Environment in China. Completed September 2016.*
- *Eric Marr (sole supervisor): Food Production or Biodiversity Protection? Funded by the Social Sciences and Humanities Research Council of Canada (SSHRC) Doctoral Fellowship. Completed April 2019*
- *Jennifer Chapman (co-supervisor with Alistair Boxall): Assessment of socio-economic and ecological impacts of veterinary drugs in the environment. Funded by the Society of Environmental Toxicology and Chemistry. Completed May 2019*
- *Sarah Knight (co-supervised with Colin McClean): Environmental amenities and well-being. Funded by the Economic and Social Research Council.*

#### *Chair of Thesis Advisory Panel*

- Sian de Bell (supervised by Piran White and Hilary Graham): Ecological Interventions for Health Outcomes - completed
- Jan Justus (supervised by Charlotte Brown and Julia Touza): The Economic Crises, the Environment and Europe – completed
- Sarah Spooner (supervised by Andy Marshall and Louise Tracey): Evaluating the effectiveness of education in Zoos - completed

#### *Postdoctoral supervision*

Current (with Muhammad Waqas)

Lina Anaya: [\*The role of the neighbourhood environment in shaping the mental health consequences of Covid-19\*](#)

#### *Past*

Muhammad Waqas: Immigration and well-being:

<http://www.nuffieldfoundation.org/immigration-and-well-being>

Neel Ocean: IKnow Food: <https://iknowfood.org/about-us/>

### **Teaching**

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I have substantive experience developing and teaching a wide variety of modules at both undergraduate and postgraduate level including *Research Methods, Applied Economics, Environmental Economics* and *Environmental Valuation*.

#### *Modules taught*

- Economics Research Methods, Year 2, undergraduate 2018-
- Applied Economics for the Environment, Year 2, undergraduate: 2012-18
- Economics of Resources and Environmental Policy, Year 2, undergraduate: 2012-18
- Economic Theory for Environmental Management, MSc, 2012-2016

- Environmental Valuation (2013-2014) Year 2 and MSc
- Environmental Policy and Valuation (2013-2014) Year 2
- Environmental Economics (2015) MSc
- Residential Field Course, Year 2, undergraduate: (2012-2013 and 2017-2018)

*Modules Contributed to*

- Economic controversies, Year 2, undergraduate: 2018-
- Introduction to Environment, Economics and Ecology, Year 1, undergraduate: 2012-2018
- Tools and Techniques for the Environment, Year 1, undergraduate: 2013-2018
- Research Methods, MSc: 2015-2018
- Introduction to Human Geography, Year 1, undergraduate: 2015-2018

*General supervision*

Supervised 80 plus undergraduate and postgraduate dissertation projects (2012 – )

**Selected examples of Academic Service**

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*External examiner:*

BA Economics, National University of Ireland, Galway, 2020 – 2023.

BA Agricultural Economics, University of Edinburgh, 2021 -

Internal and External Examiner for various PhD students

*Mentor for FSNET Africa* – work with an ECR from a developing country (in this case Tanzania):

<https://environment.leeds.ac.uk/sustainability-research-institute/dir-record/research-projects/1622/food-systems-research-network-for-africa-fsnet-africa>

*Nuffield research placements* – research projects with secondary school students:

<https://www.nuffieldfoundation.org/students-teachers/nuffield-research-placements>

Member of Faculty REF panel at Leeds

Member of Faculty level Research Work stream at Leeds

Chair of Departmental Ethics Committee (2014 – 2018)

University of York's Animal Welfare and Ethical Review Body (2016 – 2018)

Environment Department's Research Committee (2016 – 2018)

Employability Officer 2013-2014

Open day organiser 2012-2014

*Referee*

*Editorial:* Member of the editorial board for Land Use Policy

*Grant reviewer for the following public bodies*

- Economic and Social Research Council
- Biotechnology and Biological Sciences Research Council
- Natural Environment Research Council
- European Court of Auditors
- Department of Environment, Food and Rural Affairs
- Open Research Area
- Teagasc (Ireland)
- National Science Centre

*Reviewer for the following journals (reviewed multiple papers for many if not most of these):* Agricultural Finance Review, Agriculture and Human Values, American Journal of Agricultural Economics, Cities, Ecological Economics, Ecosystem Services, Environment and Planning A, Environmental Management, Eurochoices, European Journal of Health Economics, European Review of Agricultural Economics, Habitat International, Health Economics, Health and Place, International Journal of Agricultural Management, Irish Forestry, Irish Geography, Irish Journal of Agricultural and Food Research, Journal of Behavioural and Experimental Economics, Journal of Economic Behaviour and Organisation, Journal of Environmental Economics and Policy, Journal of Environment Economics and Management, Journal of Environmental Management, Journal of Environmental Planning and Management, Journal of International Farm Management, Journal of Rural Studies, Land Economics, Land Use Policy, Landscape and Urban Planning, Landscape Research, Leisure Studies, Resource and Energy Economics, Social Indicators Research, Social Science and Medicine, Transportation Research Part A: Policy and Practice, Urban Studies, Urban Studies Research.

### **Selected Recent Invited Seminars**

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Online workshop on mental health and the Covid-19 pandemic. Economic and Social Research Council. April 4<sup>th</sup>, 2022.

Well-being, people and places: Policies for immigration, diversity and better neighbourhoods. June 2020. Webinar hosted by the Nuffield Foundation.

<https://www.nuffieldfoundation.org/events/well-being-policies-for-immigration-diversity-better-neighbourhoods>

Workshop on mental health and the Covid-19 pandemic: The economics of happiness: using subjective indicators of wellbeing to better understand economic and social behaviour. March 2021. Leeds University Business School Master Class

Ecosystems markets for a green recovery (with Prof Mark Reed). November 2020. N8 Agri-Food: Food Systems Policy Hub. Available here: <https://policyhub.n8agrifood.ac.uk/launch-week/ecosystem-markets-for-a-green-recovery/>

National identity and Brexit: Invited seminar. Behavioural Science Group, University of Warwick.

The long term implications of Covid-19 for our psychological well-being. University of Leeds Webinar. Aug 17 2020. Available here: <https://www.youtube.com/watch?v=ibXuAMNE34>

Geographic inequalities in the welfare effect of nitrogen dioxide exposure. Invited seminar to the London Authorities Noise Action Forum (LANAF) and Pollution Study Group (PSG). July 7<sup>th</sup> 2017.

Clean air and quality of life: Invited seminar at the Manchester Environmental Economics Workshop, 2017 on 'Social preferences and environmental and resource economics', 4<sup>th</sup> May 2017.

The multiple facets of farmer decision-making. Invited seminar to green STEMS: Precision Agriculture and the Environment. University of York, July, 2017.

The externality cost of neighbours at work: Invited seminar to the Centre of Historical Economics and Related Research at the University of York, 31<sup>st</sup> January, 2017.

The happy farmer: The effect of non-pecuniary benefits on behavior. Invited seminar to the Environmental Economics Research Group, University of Manchester, 17<sup>th</sup> November, 2017.

### Full Journal Publication List

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Ocean N. and Howley, P (2022) Which benefits would make farmers happier, and which would they choose? *Land Economics*, In press.

Howley, P., and Waqas, M. (2022) Identity, immigration and subjective well-being, *Oxford Economic Papers*, <https://doi.org/10.1093/oep/gpac045>

Chaudhuri, K., and Howley, P. (2022) The impact of covid-19 vaccination for mental health. *European Economic Review*, 150, 104293.

Howley, P. and Ocean, N. (2022) Can nudging only get you so far? Testing for crowd out effects. *European Review of Agricultural Economics*, 45 (5), 1086-1112.

Howley, P. and Ocean, N. (2021) Doing more with less: Leveraging social norms and status concerns in encouraging conservation farm practices. *Land Economics*, 97, 372-387.

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Ocean, N. and Howley, P. (2021) Using choice framing to improve the design of agricultural subsidy schemes. *Land Economics*, 97, 933-950.

Trujillo, J. and Howley, P. (2021) The effect of weather on crime in a 'Torrid' urban zone. *Environment and Behavior*, 1-22.

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O Donoghue, C., Buckley, C. Chyzheuskaya, A., Green, S., Howley, P., Hynes, S., Ryan, M. and Upton, V. (2021) The Spatial Impact of Rural Economic Change on River Water Quality. *Land Use Policy*, 1-23.

Howley, P. Moro, M. Waqas, M., Delaney, L. and Heron, T. (2020) It's not all about the economy stupid! Immigration and subjective well-being in England. *Work, Employment and Society*, 1-18.

Ocean, N., Howley, P. and Ensor, J. (2019) Lettuce be happy: A longitudinal UK study on the relationship between fruit and vegetable consumption and well-being. *Social Science and Medicine*, 335-345.

Marr, E. and Howley, P. (2019) The accidental environmentalists: Factors affecting farmers' adoption of pro-environmental activities in England and Ontario. *Journal of Rural Studies*, 68, 100-111.

McNally, H., Howley P. and Cotton, M. (2018) Public perceptions of shale gas: framing effects and decision heuristics. *Energy, Ecology and Environment*, 3, 305-316.

Marr, E. J. and Howley, P. (2018) Woodlots, wetlands or wheat fields? Agri-environmental land allocation preferences of stakeholder organisations in England and Ontario. *Land use policy*, 75, 673-681.

Dillon, E., Hennessy, T., Howley, P., Cullinan, J., Heanue, K. and Cawley, A. (2018) Routine inertia and reactionary response in animal health best practice. *Agriculture and Human Values*, 1-15.

Howley, P. (2017) Less money or better health? Evaluating individuals' willingness to make trade-offs using life satisfaction data. *Journal of Economic Behaviour and Organisation*, 135-53-65.

Howley, P., Dillon, E., Heanue, K. and Meredith, D. (2017) Worth the risk? The behavioural path to well-being. *Journal of Agricultural Economics* 68, 534-552.

Taherzadeh, O. and Howley, P. (2017) No net loss of what, for whom? Stakeholder perspectives on Biodiversity Offsetting in England. *Environment, Development and Sustainability*, 1-24.

Howley, P. (2016) Subsidy streams versus a CAP bond: An assessment of farmers' preferences. *Land Use Policy*, 54, 184-190.

Buckley, C., Howley, P., O Donoghue, C. and Kilgarriff, P. (2016) Willingness to Pay For Achieving Good Status Across Rivers in the Republic of Ireland. *Economic and Social Review*, 47, 3, 425-445.

Howley, P. (2015) The happy farmer: the effect of nonpecuniary benefits on behaviour. *American Journal of Agricultural Economics*, 97, 1072-1096.

Howley, P., O Neill, S. and Atkinson, R. (2015) Who needs good neighbours? *Environment and Planning A*, 47, 939-956

Howley, P., Buckley, C., Donoghue, C. and Ryan, M. (2015) Explaining the economic 'irrationality' of farmers' land use behaviour: the role of productivist attitudes and non-pecuniary benefits. *Ecological Economics*, 109, 186-193.

Wang, X., Howley, P., Boxall, A. and Rudd, M. (2015) Behaviour, preference and willingness to pay for measures aimed at preventing pollution by pharmaceuticals and personal care products in China. *Integrated Environmental Assessment and Management*, 28, 1-28.

Buckley, C., Howley, P. and Jordan, P. (2015) The role of differing farming motivations on the adoption of nutrient management practices. *International Journal of Agricultural Management*, 4, 152-162.

Wang X, Boxall ABA, Howley P, Rudd MA. (2015) Priority research questions on the environmental impacts of pharmaceutical and personal care products in China: insights from Chinese scientists. *Chinese Journal of Urban and Environmental Studies*, 3, 1-18.

Howley P., Dillon, E. and Hennessy, T. (2014) It's not all about the money: understanding farmers labor allocation choices. *Agriculture and Human Values*, 31, 261-271.

Howley, P., Yadav, L., Hynes, S., O Donoghue, C. and O Neill, S. (2014) Contrasting the attitudes of farmers and the general public regarding the 'multifunctional' role of the agricultural sector. *Land Use Policy*, 38, 248-256.

Howley, P. (2013) Examining private forest owners' forest management: The role of economic, lifestyle and multifunctional ownership objectives. *Journal of Environmental Management*, 123, 105-112.

Hynes, S., Campbell, D. and Howley, P. (2012) A holistic versus an attribute based approach to agri-environmental policy valuation: Do welfare estimates differ? *Journal of Agricultural Economics*, 62(2), 305-329.

Howley, P. and Dillon E. (2012) Modelling the effect of farming attitudes on farm credit use: A case study from Ireland. *Agricultural Finance Review*, 12(3), 456-470.

Howley, P., O Donoghue, C. and Hynes, P. (2012) Exploring the general public's preferences for traditional farm landscapes. *Landscape and Urban Planning*, 104, 66-74.

Howley, P., Doherty, E., Buckley, C., Hynes, S., Van Rensburg, T. and Green, S. (2012) Exploring preferences towards the provision of farmland walking trails: A supply and demand perspective. *Land Use Policy*, 29(1) 111-118.

Howley, P., O Donoghue, C. and Heanue, K. (2012) Factors affecting farmers' adoption of agricultural innovations: A panel data analysis of the use of Artificial Insemination among dairy farmers in Ireland. *Journal of Agricultural Science* 4(6), 471-479.

Howley, P., Breen, J., O Donoghue, C. and Hennessy, T. (2012) Does the single farm payment affect farmers' behaviour: a macro and micro analysis. *International Journal of Agricultural Management*, 2(1), 57-64.

O Donoghue, C. and Howley, P. (2012) The single farm payment – A basic income for farmers? *Basic Income Studies*, 7, 1-23.

Howley, P., Hynes, S., O Donoghue, C., Ryan, M. and Farrelly, N. (2012) Farm and farmer characteristics behind the decision to plant in Ireland. *Irish Forestry*, 33-43.



- Howley, P., Hynes, S. and O Donoghue, C. (2012) Countryside preferences: exploring individuals' willingness to pay for the conservation of the traditional farm landscape. *Landscape Research*, 37, 703-709.
- Howley, P. (2011) Landscape aesthetics: Assessing the general public's preferences towards rural landscapes. *Ecological Economics*, 72, 161-169.
- Howley P., Donnellan, T. and Hanrahan, K. (2011) An analysis of the potential impact of decoupled payments: an Irish case study. *Eurochoices*, 10(1), 26-30.
- Howley P., Donnellan, T. and Hanrahan, K. (2011) CAP reform: environmental implications for Ireland. *Tearmann: Irish Journal of Agri-environmental Research*, 1-14.
- Howley, P., Ryan, M. and O Donoghue, C. (2011) Forestry in Ireland: An examination of individuals' attitudes and preferences towards the non-market benefits of forests. *Irish Geography*, 44, 291-302.
- Howley, P., Hynes, S. and O Donoghue, C. (2010) The citizen versus consumer distinction: an exploration of individuals' preferences in contingent valuation studies. *Ecological Economics*, 69(7), 1524-1531.
- Howley, P., Donnellan, T. and Hanrahan, K. (2010) Potential impact of CAP reform post 2013 on the cereal and livestock sectors: An Irish case study. *Journal of Farm Management*, 13(11), 731-746.
- Howley, P. (2010) 'Sustainability versus liveability': An exploration of central city housing satisfaction. *International Journal of Housing Policy*, 10(2), 173-189.
- Howley, P., Donnellan, T. and Hanrahan, K. (2010) CAP reform post 2013: Examining the equity dimensions of agricultural support. *Journal of International Farm Management*, 5(2), 1-20.
- Howley, P. (2009) Attitudes towards compact city policy: towards a greater understanding of residential behaviour. *Land Use Policy*, 26(1), 792-798.
- Howley, P. Scott, M. and Redmond, D. (2009) Sustainability versus liveability: an examination of neighbourhood satisfaction. *Journal of Environmental Planning and Management*, 52(6), 847-864.
- Howley, P. (2009) New residential neighbourhoods within the inner city: an examination of neighbouring. *Irish Geography*, 42(1), 85-99.
- Howley, P. and Clifford, B. (2009) The transformation of inner Dublin: exploring new residential populations within the inner city. *Irish Geography*, 42(2), 225-243.
- Howley, P. Scott, M. and Redmond, D. (2009) An examination of residential preferences for less sustainable housing: exploring future mobility among Dublin central city residents.