

CURRICULUM VITAE

Marcus J. Collier, BA, HDip(Ed), MSc(Agr), PhD

PERSONAL DETAILS

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Webpage	www.ucd.ie/research/people/geogplanningenvpolicy/drmarcuscollier/				
YouTube	www.youtube.com/watch?feature=player_embedded&v=zDTu1m2p-FY				

EDUCATION

2009	Doctor of Philosophy (PhD) (Environmental Policy), University College Dublin
2001	Masters of Science (MSc) (Environmental Resource Management) University College Dublin: 1 st Class Honours / highest graduation score
1995	Postgraduate Diploma (HDip) (European Environmental Conservation Management) University College Dublin: 1 st Class Honours
1987	Bachelor of Arts (BA) (English and Psychology) University College Dublin

ACADEMIC EMPLOYMENT HISTORY

2011-	Research Fellow: EU FP7 Project Co-ordinator TURaS Research Project, School of Geography, Planning & Environmental Policy, University College Dublin
2010-2011	Postdoctoral Fellow: Sustainability Science Coastal & Marine Research Centre, Environmental Research Institute, University College Cork
2009-2010	Teaching Fellow: Geography / Environmental Policy School of Geography, Planning & Environmental Policy, University College Dublin
2009-2010	Postdoctoral Fellow: GMO / Biodiversity Impact Assessment Biotechnology Research Unit, Teagasc
2008-2009	Postdoctoral Fellow: Land Use / Environmental Policy School of Geography, Planning & Environmental Policy, University College Dublin
2005-2009	PhD Research Scholarship School of Geography, Planning & Environmental Policy, University College Dublin
2003-2005	Forest Ecosystem Research Group: Researcher School of Biology & Environmental Science, University College Dublin

PROFESSIONAL / PRACTICE HISTORY

1995-2008	Environmental Consultant, Researcher & Analyst Self-employed (Ireland, France, Vancouver, Arizona)
1994	Wildlife Ranger, Burren National Park National Parks & Wildlife Service
1987-1994	Production Manager / Company Manager Self-employed (London, New York, Edmonton, Vancouver, Dublin)

HONOURS / AWARDS

2012	Enterprise Ireland: Champions of EU Research Award (for TURAS) – overall winner
2012	University College Dublin: Universitas 21 Travel and Workshop Award
2010-2011	University College Cork: Postdoctoral Research Scholarship
2009-2010	University College Dublin: Teaching Fellowship
2009-2010	Environmental Protection Agency: Teagasc STRIVE Postdoctoral Research Scholarship
2009	Environmental Protection Agency: Teagasc ERTDI Postdoctoral Research Scholarship
2009	Environmental Protection Agency: UCD Postdoctoral Research Scholarship
2007	University College Dublin: Graduate Research and Innovation Prize
2005-2008	Environmental Protection Agency: UCD PhD Scholarship
2004	University College Dublin: Postgraduate Prize

FUNDED RESEARCH GRANTS AND AWARDS (SINCE 2000)

Year	Amount	Project / Funder	Role(s)
2013	€74,000	Integrating Ecosystem Approaches, Green Infrastructure and Spatial Planning (ECO-Plan) Ire: Environmental Protection Agency	Co-applicant & module co-ordinator
2013	€11.5m	Operational Potential of Ecosystem Research Applications (OPERAs) EU: FP7	Work package author & lead; overall project design UCD: PI with funds of €283,500
2012	All costs for 5 years	Tourism, Wellbeing & Ecosystem Services (TObeWELL) EU: COST Action	Contributing applicant & module co-ordinator
2009 & 2012	€12,950 combined total	FP7 application co-ordination support Ire: Enterprise Ireland	Lead / co-applicant
2011	€6.8m	Transitioning towards Urban Resilience and Sustainability (TURAS) EU: FP7	Original concept; scientific authorship; principal applicant; co-lead UCD: PI with funds of €1.3m
2011	€225,000	Climate change research call Ire: Environmental Protection Agency	Co-applicant
2011	€125,000	Ecosystem services and water research call Ire: Environmental Protection Agency	Co-applicant
2011	€5,000	Irish Government 'New Ideas' fund Ire: IRCHSS	Co-applicant & scientific author
2010	€225,000	Climate change research call Ire: Environmental Protection Agency	Co-applicant & scientific author
2009	€2.5m	Geographic Specificities and Development Potentials in Europe (GEOSPECS) EU: ESPON	Contributing applicant UCC: WP lead with funds of €286,000
2007	€5,000	Graduate Research and Innovation Prize Ire: University College Dublin	Nominated
2006	ST€1,500	PhD Masterclass Scholarship Funding UK: University of Aberdeen	Lead applicant
2005	€1.2m	Protocol for Sustainable Peatland Management in Ireland (BOGLAND) Ire: Environmental Protection Agency	Contributing applicant UCD: WP lead with funds of €750,000
2005, 2011 & 2013	€1,000 X 3	International Travel Funding Ire: Environmental Protection Agency	Lead applicant
2004	€2,500	Postgraduate Prize Ire: University College Dublin	Nominated
2003	€10,000	Research Funding Ire: National Council for Forestry Research & Development (COFORD)	PI; Co-applicant & scientific author
2002	€2,000	International Travel Funding Ire: National Council for Forestry Research & Development (COFORD)	Lead applicant
2002	€25,000	Biodiversity Research Funding Ire: Dublin City Council	Lead applicant
1994 & 2000	€3,000 X 2	Postgraduate Study Funding Ire: Dublin City Council	Lead applicant
1998 to 2005	IR€15,800	Demonstration of sustainable field boundary management Ire: Heritage Council of Ireland	PI; Lead applicant; original idea: course designer & delivery
1997 to 2002	ST€155,000	Cross border environmental leadership residential programmes US / UK / Ire: Ireland Fund	PI; Lead applicant; original idea: course designer & delivery
1996 to 2001	IR€258,980: per annum	Community Employment Scheme Ire: Dept. of Enterprise / FÁS	PI; Lead applicant; original idea: chairperson

RESEARCH

Principal research areas

My research areas may be separated into three thematic areas:

1. *Environmental resource management:*

- land use, complexity and biodiversity impacts
- social-ecological resilience in coastal zones and damaged landscapes
- environmental and landscape management
- ecosystem services, sustainability and land use change
- agri-environmental issues and policies
- restoration / rehabilitation ecology
- multi-functional landscapes / novel or emerging ecosystems
- novel / emerging ecosystems and the rural landscape

This research focuses on complex ecological systems and landscape ecology, with particular interest in biodiversity impact, risk, environmental change and resilience.

2. *Society and environment interactions:*

- spatial planning at a landscape scale
- mainstreaming sustainability science (theory and practice)
- social capital networks
- green infrastructure and environmental health
- stakeholder interactions and perceptions
- EU land use policies (e.g. mining, GMO's, agricultural output, bioenergy) and globalisation

This research focuses on environmental policy, conflicts and implications as well as dissemination to the wider community in both technical and non-technical languages.

3. *Environmental governance:*

- ecosystem approach and sustainability science
- power asymmetries, conflict and governance in the environmental arena
- collaborative processes (citizen led planning and management)
- rural geography (from production to post-production to multi-functionality)
- complementary methodological research (qualitative and quantitative)

Research in this area seeks to advance current theory and debates, exploring novel approaches to data gathering and analysis, and further advance interdisciplinarity and multidisciplinary.

Horizon scanning

I have been highly successful in attracting and administering exchequer and non-exchequer research funding, particularly during an era of fiscal challenges and austerity. My future research direction will be determined to some extent on the availability of secure resources, within a tightening funding regime. However, there are several areas of interdisciplinarity research that I intend to pursue regardless of suitable sources of current funding. These include, but are certainly not limited to:

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|---|---|
| • environmental change and adaptive processes | (ecological and societal) |
| • agri-environmental and rural policy impacts | (novel trait crops and invasive species) |
| • urban resilience and environmental health | (mainstreaming sustainability theory) |
| • climate adaptation and ecological / landscape impacts | (futurescapes and green infrastructure) |
| • novel and emerging ecosystems | (human / environment interface research) |
| • restoring natural capital and social capital networks | (multi-functionality and health) |
| • new rural geography | (from post-production to new consumption) |

I continue to maintain relationships with earlier projects and colleagues, particularly in the dissemination of research and in funding applications. I expect to continue carrying out research in the areas of ecosystem services, novel ecosystems, urban sustainability and resilience, land use change, biodiversity and sustainability science. My principal journal contributions are concentrated within these areas.

PUBLICATIONS

Peer reviewed papers

- Collier, M.J.**, Nedović-Budić, Z., Aerts, J., Connop, S., Foley, D., Foley, K., Newport, D., McQuaid, S., Slaev, A. and Verburg, P. (2013) Transitioning to resilience and sustainability in urban communities. *Cities, in press, corrected proof*
Impact Factor: 1.143 / H Index (SJR) 28
- Collier, M.J.** & Mullins, E. (2013) Potential for longevity of novel GM herbicide tolerant traits in the Irish landscape. *Irish Geography, in press, corrected proof*
Impact Factor: N/A / H Index (SJR) 9
- Collier, M.J.** (2013) Field boundary stone walls as exemplars of 'novel' ecosystems. *Landscape Research*, 38 (1), 141-150
Impact Factor: 1.075 / H Index (SJR) 18
- Collier, M.J.** & Mullins, E. (2012) Assessing the potential for introgression of GM *Brassica napus* to wild relatives in Ireland. *Biology & Environment: Proceedings of the Royal Irish Academy B*, 112B, 3, 257-266
Impact Factor: N/A / H Index (SJR) N/A
- Bullock, C., **Collier, M.J.** & Convery, F. (2012) Peatlands, their public good value and priorities for their future management - the example of Ireland. *Land Use Policy*, 29 (4), 921-928
Impact Factor: 2.292 / H Index (SJR) 38
- Bullock, C. & **Collier, M.J.** (2011) When the public good conflicts with an apparent preference for unsustainable behaviour. *Ecological Economics*, 70 (5), 971-977
Impact Factor: 2.713 / H Index (SJR) 78
- Collier, M.J.** (2011) Incorporating socio-economic factors into restoration: implications from industrially harvested peatlands. *Restoration Ecology*, 19 (5), 559-563
Impact Factor: 1.681 / H Index (SJR) 53
- Collier, M.J.** & Mullins, E. (2010) The CINMa index: assessing the potential impact of GM crop management across a heterogeneous landscape. *Environmental Biosafety Research*, 9 (3), 135-145
Impact Factor: N/A / H Index (SJR) 19
- Collier, M.J.** & Scott, M. (2010) Focus group discourses in a mined landscape. *Land Use Policy*, 27, 304-312
Impact Factor: 2.292 / H Index (SJR) 38
- Collier, M.J.** & Scott, M. (2009) Conflicting rationalities, knowledge and values in scarred landscapes. *Journal of Rural Studies*, 25, 267-277
Impact Factor: 2.441 / H Index (SJR) 47
- Collier, M.J.** & Scott, M. (2008) Industrially harvested peatlands and afteruse potential: understanding local stakeholder narratives and landscape preferences. *Landscape Research*, 33 (4), 439-460
Impact Factor: 1.075 / H Index (SJR) 18
- McMahon, B., Whelan, J., Kirwin, L. & **Collier M.J.** (2005) Farmland birds and the field boundary evaluation and grading system in Ireland. *Tearmann: The Irish Journal of Agri-environmental Research*, 4, 67-77
Impact Factor: N/A / H Index (SJR) N/A
- Collier, M.J.** & Feehan, J. (2003) Developing a field boundary evaluation and grading system in Ireland. *Tearmann: The Irish Journal of Agri-environmental Research*, 3, 27-46
Impact Factor: N/A / H Index (SJR) N/A

Impact (Captured: June 28th 2013; 13.15GMT)

Report site (measured)	Documents recovered	Citations	h-index
Google Scholar (2008 – 2013)	22	61	5
Scopus (2011 – 2013)	11	21	4
Research Repository	Total profile views	Total publication views	Total downloads
UCD (2012 – 2013)	-	910	1236
Research Gate (2010 – 2013)	643	755	381

Peer reviewed reports (selected from recent)

- Bullock, C. & **Collier, M.J.** (2011) Peatlands, People and Policies. In F. Renou-Wilson, T. Bolger, C. Bullock, F. Convery, J. Curry, S. Ward, D. Wilson & C. Müller (Eds.), *BOGLAND: Sustainable Management of Peatlands in Ireland (STRIVE Final Report) - Section 4* (pp. 77-116). Wexford. Environmental Protection Agency
- Mullins, E. & **Collier, M.J.** (2011) Evaluating the Ecological Impacts of Cultivating Genetically Modified Herbicide Tolerant (GMHT) Oilseed Rape and Maize. (*ERTDI Report*) 2007-B-DS-1-S1, Wexford: EPA
- Mullins, E., **Collier, M.J.**, O'Brien, M., Meade, C. & Spillane, C. (2009) Predicting the Impact of Coexistence-Guided, Genetically Modified Cropping on Irish Biodiversity. (*STRIVE Report 39*. 64) Wexford: EPA
- Collier, M.J.** & Farrell, E.P. (2007) The Environmental Impact of Planting Broadleaved Trees on Acid-sensitive Soils. Dublin: COFORD

SCHOLARLY AFFILIATIONS

Peer reviewer for

- Journal of Rural Studies
 - Ecological Economics
 - Land Use Policy
 - Journal of Environmental Management
 - Restoration Ecology
 - Sociologia Ruralis
 - Global Environmental Change
 - Cities
 - Society & Natural Resources
 - Marine Policy
 - Community Development Journal
 - Landscape Research
 - Planning Theory & Practice
 - Irish Geography
 - Ecological Engineering
 - J. of Environmental Planning & Management
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Policy contributions / advisory

- Honorary scientific advisor: Burns Bog Conservation Society (Vancouver, Canada) (2006-)
 - Advisor: to the Department of the Environment, Heritage & Local Government: Tidy Towns Competition (1995-1998), the Burren National Park (2000), the National Biodiversity Plan (2005), the peatland compensation scheme (2008), the proposed National Landscape Strategy (2010)
 - Advisor: to the Department of Agriculture, Fisheries and Food: on conservation of field boundaries (1998), on the REPS (1997-2003)
 - Advisor: to the EPA on: biotechnology impact on biodiversity (2009 & 2010), peatland afteruses (2008), acid precipitation and afforestation policies (2007), field boundaries (2006)
 - Advisor: to the Dáil Sub-committee on the Environment: on the after-use of peatlands (2009)
 - Advisor: to Professor Peter Clinch: creation of the UCD Earth Sciences Institute (2008)
 - Advisor to Dublin City Environmental Focus Group / Dublin City Council: urban biodiversity policies and management (2003-2006)
 - Advisor: to the Irish Farmers Association (Burren Branch): landscape and field boundaries (2004)
 - Advisor: Irish Organic Farmers & Growers Association: agri-environmental management (2001)
 - Advisor: Sunshine Coast Salmonid Enhancement Society (Gibsons, Canada) (2002)
 - Irish policy representative (European Landscape Convention): EU HEDGES (2000-2002)
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Media experience

Outlet

EcoEye, RTE1 TV (2008)
Farm Show, RTE Radio 1 (2007)
Mooney Goes Wild, RTE Radio 1 (2001-2007)
TV3, Breakfast Programme (2006)
Morning Ireland, RTE Radio 1 (2005, 2010)
City TV, Vancouver (2005)
Ear to the Ground, RTE1 TV (2003)
TV5, France, (2002)
Countryfile, BBC1 TV (2001)
Irish Times, Weekend Supplement (2001)
Irish Independent - Farming Supplement (2011)
Wonder House (2012)

Type

Feature
Interview
Regular guest
Panel
Interview
Feature
Feature
Documentary
Interview
Special feature
Opinion article (invited)
Documentary

I am also an advisor to the annual *Planet in Focus Film and TV Festival*, Toronto, Canada.

REFERENCES

Name	Professor Mark Scott
Role	Head of School & PhD Supervisor
Contact	Email: Mark.Scott@UCD.ie
