

TANYA O’GARRA

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Education

- 2001 - 2005 Ph.D., Environmental and Resource Economics, Imperial College London
Thesis: *‘Investigating Public Preferences for and Attitudes towards Hydrogen Buses and Associated Refuelling Infrastructure: A London Case Study’* (Susana Mourato and Peter Pearson, supervisors)
- 1999 - 2000 M.Sc., Environmental Technology and Ecological Management, Imperial College London
- 1993 – 1996 B.Sc., Anthropology, University College London

Positions Held

- Jun 2013 - May 2015 Earth Institute Postdoctoral Fellow
Center for Research on Environmental Decisions, Columbia University
- Apr 2012 - Jan 2013 Occasional Research Assistant
Climate for Culture project, Grantham Institute on Climate Change and the Environment, London School of Economics
- Jan 2012 - Jan 2013 Postdoctoral Research Fellow
Department of Applied Economics, University of the Basque Country
- May 2008 - Dec 2011 (time taken out to raise my children)
- Jun 2006 - May 2008 Research Fellow (Consultant)
Economic Value of the Navakavu Locally Managed Marine Area,
University of the South Pacific (USP), Fiji
- Jun 2006 - May 2008 Principal Consultant
Supplementary Livelihood Options for Pacific Island Communities,
Foundation of the Peoples of the South Pacific Int., Fiji
- Sept 2006 - Mar 2007 Research Advisor
Iqoliqoli Consultancy Report (Valuation of coastal fishing grounds in Fiji), USP, Fiji
- Apr 2004 - Apr 2007 Principal Consultant
Public Acceptance of Hydrogen Refuelling Stations in London, Centre for Environmental Policy, Imperial College London

Research Interests

- Experimental economics; exploring cooperation and giving in the field, lab, and online
- Behavioural economics: information effects, altruistic motivations, decision architecture
- Application, testing and development of environmental valuation methods (Contingent Valuation; Choice Modelling; Contingent Behaviour) to assess public attitudes and preferences for ecosystem goods and services
- Application of field experiments to explore effectiveness of different institutional and economic arrangements on management of natural resources
- Application of randomized controlled experiments to examine effectiveness of different ecosystem management approaches, including reserves, protected areas and payments for ecosystem services
- Analysis of the potential for seasonal forecasts to enhance preparedness of vulnerable communities in relation to natural disasters

Key Experience

- Development and application of economic valuation techniques to estimate the value of new transport technologies, tropical marine ecosystems, externalities from siting of unwanted facilities, climate change adaptation programmes, built cultural heritage and safe water supply.
- Designing, testing and administering surveys in both developed and less-developed country contexts, including the use of semi-structured and focus group interviews.
- Designing, implementing and analysing framed field experiments, online experimental games, and randomized controlled experiments in the lab
- Fuzzy cognitive mapping approaches to identify impacts of educational games on learning and systems thinking
- Recruiting, training and managing teams of survey enumerators (UK, Fiji, India).
- Coordinating and leading international research projects, involving maintaining positive dialogue with partners, organising meetings and producing final projects reports.

Research Grants

July 2014 - Dec 2015	Cross Cutting Initiative, Earth Institute (<i>Evaluating the Technical and User Sustainability of Defluoridation Treatment in India</i>)
July 2006 - May 2007	Coral Reef Initiatives for the Pacific (<i>Economic Value of the Navakavu Locally Managed Marine Area</i>)
Apr 2004 - Apr 2007	BP (<i>Public Acceptance of Hydrogen Refuelling Stations in London</i>)
Sept 2001 – Sept 2005	John Stanley Studentship (Ph.D. funding)

Publications

Journal Papers

- O'Garra, T. (2012) 'Economic valuation of a traditional fishing ground on the Coral Coast of Fiji', *Ocean and Coastal Management*, 56, 44-55
- O'Garra, T. (2009) 'Bequest values for marine resources: how important for indigenous communities in less-developed economies?' *Environmental and Resource Economics*, 44(2), 179-202
- O'Garra, T., Mourato, S. and Pearson, P. (2008) 'Investigating attitudes to hydrogen refuelling facilities and the social cost to local residents', *Energy Policy*, 36(6), 2074-2085
- O'Garra, T. and Mourato, S. (2007) 'Public preferences for hydrogen buses: comparing interval data, OLS and quantile regression approaches', *Environmental and Resource Economics*, 36(4), 389-411
- O'Garra, T., Mourato, S., Garrity, L., Schmidt, P., Beerenwinkel, A., Altmann, M., Hart, D.Graesel, C. and Whitehouse, S. (2007) 'Is the public willing to pay for hydrogen buses? A comparative study of preferences in four cities', *Energy Policy*, 35(7), 3630-3642
- O'Garra, T., Mourato, S. and Pearson, P. (2005) 'Analysing Awareness and Acceptability of Hydrogen Vehicles: A London Case Study', *International Journal of Hydrogen Energy*, 30, 649- 659

Unpublished papers

- O'Garra, T. and Mourato, S. (2015) 'Willingness to Pay for Climate Change Adaptation Projects in Developing Countries', Submitted to Journal of Environmental Economics and Policy
- O'Garra, T., Alfredo, K. and Schneider, C.R. (2015) 'The Influence of Social and Psychological Interventions on Collective Action for Water Management: a Framed Field Experiment in India', Under Preparation (to be submitted to World Development)
- Alfredo, K. and O'Garra, T. (2015) 'Attitudes and preferences of rural communities for communally-managed water treatment technologies: evidence from Yavatmal in India', Under Preparation (to be submitted to Water Resources Management)
- O'Garra, T. and Sisco, M. (2015) 'The impact of leading-by-example on altruistic behavior', Under preparation for submission to Economics Letters.

Book Chapters, Working Papers and Reports

- O'Garra, T. (2013) 'Individual Consumers and Climate Change: Searching for a New Moral Compass', in Fouquet, R. (ed) *Handbook on Energy and Climate Change*, Edward Elgar: Cheltenham, UK
- O'Garra, T. and Mourato, S. (2013) 'An Experimental Investigation of the Impacts of Persuasion and Information Acquisition on Non-Use Values for Climate Change Adaptation', Working Paper 125, Grantham Research Institute on Climate Change and the Environment, London School of Economics
- O'Garra, T. (2007) *Estimating the Total Value of the Navakavu Locally Managed Marine Area*, Final Report, Coral Reef Initiative for the South Pacific (CRISP) Programme, University of the South Pacific, May 2007. Available on www.crisponline.net

- O'Garra, T. (2007) *Supplementary Livelihood Options for Pacific Island Communities*, Final Report, Foundation of the Peoples of the South Pacific International (FSPI), May 2007
- Korovulavula, I., O'Garra, T., Fong, P and Ratuniata, R. (2007) *Economic Valuation Iqoliqoli - Tourism Study Report*, University of the South Pacific (USP) Report and the Coral Reef Initiative for the South Pacific (CRISP). January 2008.
- O'Garra, T., Mourato, S. and Pearson, P. (2007) 'Public acceptability of fuel cell transport and associated hydrogen infrastructures', in *Risk and the Public Acceptance of New Technologies*, Flynn, R. and Bellaby, P. (editors), Palgrave-Macmillan: UK
- O'Garra, T. (2005) 'Comparative Analysis of the Impact of the Hydrogen Bus Trials on Public Awareness, Attitudes and Preferences: a Comparative Study of Four Cities', Final Analysis Report, AcceptH2 project, (www.accepth2.com), Research funded by the European Commission under Fifth Framework Programme, Contract ENK5-CT-2002 80653
- Pearson, P. and O'Garra, T. (2005) 'A way forward for urban transport?' *Public Service Review: Transport, Local Government and the Regions*, Issue 6, 193-195 (invited paper)

Key Presentations

- O'Garra, T. (2014) 'Economic Valuation of Ecosystem Goods and Services in a Melting Arctic', American Geophysical Union (AGU) Fall meeting, San Francisco 15-19 December 2014
- Alfredo, K. and O'Garra, T. (2014) 'From the source to the user, understanding a total water approach to fluoride treatment', Paper to be presented at the American Geophysical Union (AGU) Fall meeting, San Francisco 15-19 December 2014
- O'Garra, T. and Krantz, D. (2014) 'Bystander Effects and Compassion Fade: An Experimental Investigation of How Giving Varies with the Number of Dictators and Recipients', Paper presented at 5th WCERE Conference (World Congress of Environmental and Resource Economics), Istanbul, Turkey, 28 June-2 July 2014
- O'Garra, T. and Mourato, S. (2013) 'An Experimental Investigation of the Impacts of Persuasion and Information Acquisition on WTP for Climate Change Adaptation', envecon Applied Economics Conference 2013, The Royal Society, London, U.K., 15th March 2013
- O'Garra, T. (2008) *Local Bequest Values for a Traditional Fishing Ground: Navakavu Case Study, workshop*, Economics of Marine Managed Areas of the South-Pacific, Suva Workshop (Fiji) - 26th to 30th of May 2008
- O'Garra T, Pearson P, Mourato S, (2005) Public Perceptions of Hydrogen-how important is risk?, ESRC Hydrogen Seminar, 2005
- O'Garra, T. and Mourato, S. (2004) 'Public preferences for hydrogen buses in London: comparing OLS and quantile regression approaches'. 13th annual EAERE Conference (European Association of Environmental Economics), Budapest, Hungary, 25-28th June 2004

Other Qualifications and Experience

- PADI Scuba Diving Assistant Instructor
- Mapping coral reefs; marine conservation expedition in Mtwara, Tanzania (Frontier)
- Woodland Management, Centra Level 2, Trust for Conservation Volunteers.
- Bilingual (English and Spanish); working knowledge of French