

ALESSANDRO TAVONI

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Education

- 2010 CÀ FOSCARI UNIVERSITY OF VENICE
Doctor of Philosophy in Economics, September 2010
- 2004 CORNELL UNIVERSITY
1st year Ph.D. curriculum in Applied Economics and Management
- 2003 SAN FRANCISCO STATE UNIVERSITY
Master of Arts in Economics, January 2004
- 2001 UNIVERSITÀ DI BOLOGNA
Bachelor of Arts in Economics, March 2001
- 2000 UNIVERSITY OF CALIFORNIA AT BERKELEY
Exchange Abroad Program

Academic Positions

- 2012– Research Fellow, Grantham Research Institute - LSE
- 2011– Seminar Leader and occasional lecturer in 'Climate change: science, economics and policy'
(MSc) - LSE
- 2008– Associate Researcher, Fondazione Eni Enrico Mattei (FEEM)
- 2011–12 Postdoctoral Fellow, Grantham Research Institute - LSE
- 2010 Fellow, Centre for European Economic Research (ZEW)
- 2009 Visiting Research Collaborator, Autònoma University of Barcelona
- 2009–10 Microeconomics Teaching Assistant, Ca' Foscari University of Venice
- 2008 Visiting Research Collaborator, Princeton University
- 2002–03 Economics Tutor, San Francisco State University

Research Interests

Game Theory
Experimental Economics
International Environmental Agreements
Coupled Social-Ecological Systems

Current Research Projects

Identifying key drivers of cooperation with surveys and laboratory investigations
Evolution of cooperation and common pool resource management
Norms, willingness to pay and climate policy

Research Submissions

- 2014 "Domestic politics and the formation of international environmental agreements" *Journal of Environmental Economics and Management*, revised and resubmitted. With S.Dietz and C.Marchiori
- 2014 "Network Economics and the Environment: Insights and Perspectives" *Environmental and Resource Economics*, revised and resubmitted. With S. Currarini, C. Marchiori
- 2014 "Robustness of norm-driven cooperation in the commons" *Proceedings of the Royal Society B*, under review. With M.Schlueter and S.Levin
- 2014 "Luxury discounting versus need discounting: Does our rate of pure time preference depend on what is being discounted?" *Ecological Economics*, under review. With A.de Freitas

Research Publications

- 2014 "On the Provision of Public Goods with Probabilistic and Ambiguous Thresholds" *Environmental and Resource Economics*, online first. With A. Dannenberg, A. Löschel, G. Paolacci, C. Reif
- 2014 "Evolutionary escape from the climate dilemma" *Physics of Life Reviews*, online first.
- 2014 "Managing the climate commons at the ecology-behaviour-economics nexus" *Nature Climate Change*, to appear. With S. Levin
- 2014 "Climate engineering reconsidered" *Nature Climate Change*, 4 (7), 527-529. With S. Barrett, T. Lenton, A. Millner et al.
- 2014 "Game theory: Building up cooperation" *Nature Climate Change*, 3 (9), 782-783
- 2013 "Regime shifts in a social-ecological system" *Theoretical ecology* 6 (3), 359-372. With SJ Lade, S. Levin, M Schlüter
- 2012 "The survival of the conformist: Social pressure and renewable resource management" *Journal of Theoretical Biology* 299. With M.Schlueter and S.Levin
- 2011 "Inequality, communication, and the avoidance of disastrous climate change in a public goods game" *Proceedings of the National Academy of Science* 108, 11825–11829. With A. Dannenberg, G. Kallis and A. Löschel

Book Chapters and non-refereed Journals

- 2013 "Coordinating to protect the global climate: inequality and communication in the lab", with A. Dannenberg. In *Analyzing Global Environmental Issues*, Routledge Publishers. Edited by A. Rapoport and A. Dinar

- 2012 “Why do we see unilateral action on climate change?” *Vox EU*. With S Dietz, C Marchiori
- 2012 “Coordinating to protect the global climate” *Review of Environment, Energy and Economics*
- 2010 “The wisdom of sustainable communities in the digital era: the case of efficient energy management”. *Proceedings of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering* 21: 119-129
- 2002 “Developments in the banking sector for Italy’s northern regions”, *Prometeia* (in Italian)
- 2002 “Financial Institutions’ performance forecast”, *Prometeia* (in Italian)

Working Papers

- 2014 “Luring others in: Coalition formation games with threshold and spillover effects”. *To be submitted*. With M.Heugues and V.Bosetti
- 2014 “Delegation and Public Pressure in Threshold Public Goods Game: Theory and Experimental Evidence”. *To be submitted*. With D.Iris and J.Lee
- 2014 “When fairness bends rationality: incorporating inequity aversion in models of regretful and noisy behaviour”. *In preparation*. With D.Iris
- 2014 “Bargaining in Multilateral Negotiations”. *In preparation*. With G.Gosnell
- 2014 “Extreme weather events and insurance behaviour: a post-Hurricane Sandy quasi-natural experiment”. *In preparation*. With J.Helgeson and S.Dietz
- 2014 “Climate negotiations: identifying key drivers of cooperation with surveys”. *In preparation*.
- 2014 “Staying in tune with the norm: climate policy, conditional cooperation and private provision of public goods”. *In preparation*. With S.Carattini
- 2013 “Loss aversion in international environmental agreements”. *In preparation*. With D.Iris
- 2013 “A note on the loss-aversion parameter in the Impulse Balance Equilibrium concept”. *In preparation*. With D.Iris

Recent Invited Lectures and Media Coverage

- 2014 *Social-Ecological Regime Shift Avoidance via Ostracism*. ATP Public Lecture, Lisbon
- 2014 *The ecology-behaviour-economics nexus*. Eco2 Symposium LSE, London
- 2014 *Luring Others Into Climate Action*. Thematic Session at the World Congress of Environmental Economists, Istanbul
- 2014 *The provision of public goods: Tipping cooperation*. Istituto Veneto Lecture, Venice
- 2014 *Tipping Climate Cooperation: Theory and Experiments*. FEEM Workshop ‘Climate Change and Public Goods’, Venice
- 2014 *Climate engineering offers little hope of mitigation*. Phys.Org
- 2014 *Climate change and the methane crisis*. Examiner.com
- 2014 *Climate pact may depend on side deals by poor nations*. SciDev.Net

- 2013 *Regime shift modelling*. Stockholm Resilience Centre
- 2013 *México y el cambio climático*. Hispan TV
- 2012 *Public Goods and International Governance*. Invited lecture, Southeast Asia Regional Training Workshop, Taiwan
- 2012 *The impact of domestic lobbying on international environmental policy*. Invited seminar, Norwegian School of Economics, Bergen

Funding and Awards

- 2013–15 Recipient of €60.000 research funding for Grant 1-RGI-U885, Enel Foundation
- 2011–12 ESRC Postdoctoral Fellowship
- 2012 “The survival of the conformist: Social pressure and renewable resource management” Article evaluated by Faculty of 1000 as top 2% of published articles
- 2009 Conference Grant Scheme award, Royal Economic Society
- 2008 Best poster award, Princeton Research Symposium
- 2006–09 Doctoral Fellowship, Italian Ministry of Education
- 2003 Honours graduation, SFSU Master’s Program
- 2000 EAP Student Exchange Fellowship, UC Berkeley
- 1997–00 Scholarships for outstanding academic performance, ENEA (Italian National agency for new technologies, Energy and sustainable economic development)

Service

Reviewer for: *Climate Policy, Climatic Change, Climate Change Economics, Ecological Economics, Ecology and Society, Economic Inquiry, Economic Journal, Energy Policy, Environment and Planning C, European Economics Review, Games, International Journal of Game Theory, Journal of Environmental Economics and Management, Journal of Public Economic Theory, Land Economics, Natural Hazards, Natural Resource Modelling, Nature Climate Change, Population Ecology, Proceedings of the National Academy of Sciences, Review of Economic Studies, Scandinavian Journal of Economics*

Supervision

Ph.D. Dissertation Supervisor, Greer Gosnell (2013-2016, LSE)

Dissertation Supervisor, MSc “Environmental Economics and Climate Change” and MSc “Environment and Development” (10 students in 2012-2014, LSE)

Ph.D. Examiner, Eleftherios Giovanis (2014, Royal Holloway University)

Skills

IT: Mathematica, Stata, Matlab, Qualtrics, HTML, L^AT_EX

Languages: Italian, English, French, Spanish