

## **Jorge Hernán García**

Assistant Professor

Sustainability Area

Joined the School in 2017

### Academic Background

2007	Ph.D. in Economics, University of Gothenburg. Gothenburg, Sweden.
2001	M.A. in Environmental Economics, Universidad de los Andes. Bogotá, Colombia.
1996	B.Sc. in Civil Engineering, Escuela Colombiana de Ingeniería. Bogotá, Colombia.

### Teaching Experience

#### **COURSES TAUGHT IN RECENT YEARS**

##### **GRADUATE**

Economic Tools for Development Practice (Universidad de los Andes)

Public Economics, Environmental Economics (Universidad Javeriana)

##### **UNDERGRADUATE**

Corporate Social Responsibility (Universidad de Los Andes)

Economic Measurement (Universidad Javeriana)

### Academic Activities

2016 – to date	Assistant Professor, UASM. Bogotá, Colombia.
2011 - 2016	Senior Research Fellow, Center for International Climate Research – Oslo CICERO.
2015 – 2016	Visiting Lecturer at Department of Economics, Pontificia Universidad Javeriana – Bogotá, Colombia.
2014 – to date	Research Associate, Environment Economics and Policy Research Unit – University of Cape Town. Cape Town, South Africa.
2010	Assistant Professor, Department of Economics, Pontificia Universidad Javeriana. Bogotá, Colombia.
2007 - 2009	NRC Postdoctoral Research Associate, in residence at Office of Research and Development, US Environmental Protection Agency USEPA.
2003	Teaching Assistant, PhD Mathematics course, Economics Department, University of Gothenburg. Gothenburg, Sweden.
2001	Teaching Assistant, Microeconomics courses, Universidad de los Andes. Bogotá, Colombia.
2000 - 2001	Research Assistant, Centre for Economic Development Studies CEDE, Universidad de los Andes. Bogotá, Colombia.

### Other Professional Experience

- 2019 – 2020 Collaborator, Legal Design Principles of Government Supported Adaptation. National Socio-Environmental Synthesis Center - SESYNC (funded by an award to the University of Maryland from the National Science Foundation NSF)
- 2018 - 2019 Collaborator, Adaptive Capacity and Resilience in the New Arctic. National Science Foundation NSF (Award 1744417)
- 2017 – 2019 Manager Project: "Bricks and Trees, Poor and Rich: Valuing Land-Use Externalities in Bogotá." Environment for Development Initiative - Swedish International Cooperation Development Agency SIDA.
- 2014 - 2017 Co-Manager Project: The Role of Behavioural Interventions in Climate Change Adaptation and Mitigation: The Case of Local Communities in South Africa. Research Council of Norway.
- 2013 - 2015 Co-Manager Project: Politically Feasible Renewable Energy Development: The Role of Public Acceptance. Research Council of Norway.
- 2015 Leader, Report Environmental policies in Colombia. Swedish International Cooperation Development Agency SIDA.
- 2012 Manager Project: International Architecture of REDD+: Relevance for India, The Energy and Resources Institute TERI – Norwegian Embassy in Delhi.
- 2011 Visiting researcher, National Risk Management Research Laboratory – US Environmental Protection Agency.
- 2011 Team Leader, Implementation of a Green Certification Scheme for Industrial Pollution Control in Egypt, University of Maryland - World Bank.
- 2009 Associate/Visiting Researcher, Environmental Economics Unit, Department of Economics, University of Gothenburg. Gothenburg, Sweden.
- 2007 Associate/Visiting Researcher, Environmental Economics Unit, Department of Economics, University of Gothenburg. Gothenburg, Sweden.
- 1998 - 1999 Civil Engineer, ACI Proyectos –Infrastructure consulting firm. Bogotá, Colombia.
- 1996 - 1998 Civil Engineer, JHGM IC - Infrastructure consulting firm. Bogotá, Colombia.

## Publications

### ARTICLES IN ACADEMIC JOURNALS

- 2019 Carbon Leakage from Geological Storage Sites: Implications for Carbon Trading, 2019, Energy Policy, García J., Orlov A., Aaheim A, vol 127, pp 320-329.
- 2018 Negative leakage: The key role of forest management regimes, 2019, Journal of Forest Economics, García J., Orlov A., Aaheim A., vol 3, pp 8-13, 2019
- 2018 Carriazo F, Garcia J. (2018) Visualizations in Economics. Leonardo (ISSN 0024-094X) 51 (-), pp. 185-186.
- 2016 García J.H., Cherry T, Kallbekken S and A Torvanger. 2016. Willingness to Accept Local Wind Energy Development: Does the Compensation Mechanism Matter? Energy Policy 99:165 – 173.
- 2014 Cherry T, García JH, Kallbekken S and A Torvanger. 2014. 'The Development and Deployment of Low-Carbon Energy Technologies: Public Acceptability and the Influence of Economic Interests and Cultural Worldviews. Energy Policy 68:562 – 566.
- 2014 Sunstrom S, Garmestani A, Angeler D, García J.H. and C. Allen. 2014. 'Transdisciplinary Application of Cross-Scale Resilience.' Sustainability 6, 6925 – 6948.
- 2013 Kallbekken S, García J.H., and K. Korneliusen Determinants of public support for transport

- policy. 2013 Transportation Research. Part A. 58: 67 – 78.
- 2011 García J.H., Garmestani AS and A Karunanithi. 2011. 'Threshold transitions in a regional urban system'. *Journal of Economic Behavior and Organization* 78: 152 – 159.
- 2011 García J.H., Heberling M and H Thurston. 2011. 'Optimal pollution trading without pollution reductions' With M Heberling and H Thurston. *Journal of the American Water Resources Association* 47:52 – 58.
- 2010 Carlsson F, García J.H. and Å Löfgren. 2010. 'Conformity and the demand for environmental goods' *Environmental and Resource Economics* 47:407 – 421.
- 2010 Heberling M, García J.H. and H Thurston. 2010. 'Does encouraging the use of wetlands in water quality trading make economic sense' *Ecological Economics* 69: 1988 – 1994.
- 2009 García J.H., Bluffstone R and T Sterner. 2009. 'Corporate environmental management in transition economies: The case of Central and Eastern Europe' *Finance a Úvěřt* 59: 410 – 425.
- 2009 García J.H., Afsah S and T Sterner. 2009. 'What types of firms are more sensitive to public disclosure schemes for pollution control? Evidence from Indonesia' *Environmental and Resource Economics* 42: 141 – 168.
- 2007 García J.H., Sterner T and S Afsah. 2007. 'Public disclosure for pollution control: The PROPER approach for Indonesia?' *Environment and Development Economics* 12: 739 - 756. Reprinted in *Corporate Sustainability*. 2014. Sage. Eds T Lyon, D Diermeier and G Dowell.

#### ARTICLES IN PREPARATION/REVIEWED

- Image Motivation for Pro-Social Behavior: Evidence from South Africa (w K Brick, S De Martino and M Visser)
- Social Interactions in Externalities Evaluation (with F Carlsson and F Carriazo)
- 'Carbon Price Uncertainty and Local Institutions: The Case of Forest Carbon Offsets in India' (with A Aaheim, NH Ravindranath and J Sharma.)
- 'On social sanctions and beliefs: A pollution norm example.' RFF - EfD DP 1304. (with J Wei)

#### BOOKS

- 2018 Afsah S, Blackman A, García JH, Sterner T. (2018) 'Environmental Regulation and Public Disclosure: The Case of PROPER in Indonesia?' Routledge – Reprint Paperback edition.
- 2013 Afsah S, Blackman A, García JH, Sterner T. (2013) 'Environmental Regulation and Public Disclosure: The Case of PROPER in Indonesia?' Routledge – Hardback edition.

#### CHAPTERS IN BOOKS

- 2014 Aaheim A and J.H. García. 2014. 'Synergies between adaptation and mitigation and the complexity of REDD+.' Ch 4. In: *Routledge Handbook of the Economics of Climate Change Adaptation*. Eds A Markandya, I Galarraga and E Sainz Murieta.

#### PROJECT REPORTS

- 2015 García J.H. and Slunge. *Environment and Climate Change Management: Perspectives for Post-Conflict Colombia*. Sida's Helpdesk for Environment and Climate Change - Policy Brief, 2015.
- 2013 García J.H., Dharma JV, and R Sud. *International Architecture of REDD+: Implications for India*, Report: The Energy Resource Institute TERI, New Delhi, 2013.
- 2012 García J.H., *Public Disclosure as a Climate Mitigation Strategy*, 2012.
- 2011 García J.H., *Green Certification and Political Risk in Egypt*, 2011.

- 2011 García J.H. La depreciación del capital natural en Colombia ¿Desarrollo Económico en riesgo? 2011.
- 2002 Coronado H, Cruz G, Garcia J.H., Uribe E, Faris R and T Panayouto, Environmental Regulation and the Competitiveness of the Colombian Industry, CEDE - Universidad de los Andes, 2002.
- 2000 Garcia J.H. "The value of irrigation water in rice production: The case of Colombia's Magdalena Valley" Universidad de los Andes 2000.

Scholarships and Academic Distinctions
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- 2012 Honorable Mention (with M Heberling and H Thurston): 2012. Scientific and Technological Achievement Awards (STAA) of the US Environmental Protection Agency (USEPA).
- 2010 Postdoctoral Research Associateship Award, National Academy of Sciences (NAS) - National Research Council (NRC) - United States of America (2007- 2010).
- 2001 - 2006 Swedish International Development Agency SIDA Scholarship, PhD studies at University of Gothenburg.
- 2004 - 2005 Bo Samuelssons Fellowship, Visiting Research Scholar at University of California Berkeley.
- 1999 - 2000 Inter-American Development Bank IADB Scholarship, Master program, Universidad de los Andes - University of Maryland.