

Curriculum Vitae — Matteo Roggero

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Work Experience

04/2016 – present	Post-Doc (100%), Humboldt Universität zu Berlin, Germany
10/2015 – 04/2016	(Parental leave)
04/2015 – 10/2015	Post-Doc (50%), Universität Konstanz, Germany
	Freelance activity (50%) for the Landkreis Waldshut, Germany
04/2012 – 04/2015	Post-Doc (100%), Humboldt Universität zu Berlin, Germany
03/2011 – 04/2012	Post-Doc (75%), Helmholtz-Centre for Environmental Research UFZ, Leipzig, Germany
04/2007 – 04/2010	Marie-Curie Fellow / Early-Stage Researcher, Helmholtz-Centre for Environmental Research UFZ, Leipzig, Germany
04/2005 – 04/2007	Junior Researcher (20%), Vrije Universiteit Amsterdam, the Netherlands
04/2005 – 04/2005	Intern, Friends of the Earth International, Amsterdam, the Netherlands

Education

04/2007 – 01/2011	PhD in Environment, New University of Lisbon, Portugal
09/2004 – 09/2005	MSc in Environment and Resource Management, Vrije Universiteit Amsterdam, the Netherlands
09/1998 – 02/2004	Diploma in Business Administration, Università degli Studi di Torino, Italy

Peer-reviewed Publications

Soliman, A., Thiel, A., & **Roggero, M.** (2021). Institutional Performance of Collective Irrigation Systems: A Fuzzy Set Qualitative Comparative Analysis in the Nile Delta of Egypt. *Sustainability*, 13(3), 1–31.

Gotgelf, A., **Roggero, M.**, & Eisenack, K. (2020). Archetypical opportunities for water governance adaptation to climate change. *Ecology and Society*, 25(4).

Villamayor-Tomas, S., Iniesta-Arandia, I., & **Roggero, M.** (2020). Are generic and specific adaptation institutions always relevant? An archetype analysis of drought adaptation in Spanish irrigation systems. *Ecology and Society*, 25(1).

Villamayor-Tomas, S., Oberlack, C., Epstein, G., Partelow, S., **Roggero, M.**, Kellner, E., Tschopp, M., & Cox, M. (2020). Using case study data to understand SES interactions: A model-centered meta-analysis of SES framework applications. *Current Opinion in Environmental Sustainability*, 44, 48–57.

Roggero, M. (2019). Social dilemmas, policy instruments, and climate adaptation measures: The case of green roofs. *Mitigation and Adaptation Strategies for Global Change*, 1–18.

Roggero, M., Kähler, L., & Hagen, A. (2019). Strategic cooperation for transnational adaptation: Lessons from the economics of climate change mitigation. *International Environmental Agreements: Politics, Law and Economics*, 19(4–5), 395–410.

Eisenack, K., Villamayor-Tomas, S., Epstein, G., Kimmich, C., Magliocca, N. R., Manuel-Navarrete, D., Oberlack, C., **Roggero, M.**, & Sietz, D. (2019). Design and quality criteria for archetype analysis. *Ecology and Society*, 24(3), 6.

Sietz, D., Frey, U., **Roggero, M.**, Gong, Y., Magliocca, N., Tan, R., Janssen, P., & Václavík, T. (2019). Archetype analysis in sustainability research: Methodological portfolio and analytical frontiers. *Ecology and Society*, 24(3).

Roggero, M., Villamayor-Tomas, S., Oberlack, Ch., Eisenack, K., Bisaro, A., Hinkel, J., & Thiel, A. (2018). Introduction to the special issue on adapting institutions to climate change. *Journal of Institutional Economics*, 14, 409–422.

Bisaro, A., **Roggero, M.**, & Villamayor-Tomas, S. (2018b). Institutional Analysis in Climate Change Adaptation Research: A Systematic Literature Review. *Ecological Economics*, 151, 34–43.

Roggero, M. (2017). All in the same boat: Externalities, interdependence and the commons of Venice lagoon. *Maritime Studies*, 16(1), 1–20.

Roggero, M., Bisaro, A., & Villamayor-Tomas, S. (2017). Institutions in the climate adaptation literature: A systematic literature review through the lens of the Institutional Analysis and Development framework. *Journal of Institutional Economics*, 1–26.

Roggero, M., & Thiel, A. (2017). Adapting as usual: Integrative and segregative institutions shaping adaptation to climate change in local public administrations. *Journal of Institutional Economics*, 1–22.

Roggero, M. (2015). Adapting institutions: Exploring climate adaptation through institutional economics and set relations. *Ecological Economics*, 118, 114–122.

Roggero, M. (2013). Shifting Troubles: Decision-Making vs. Implementation in Participatory Watershed Governance. *Environmental Policy and Governance*, 23, 63–74.

Zikos, D., & **Roggero, M.** (2012). The Patronage of Thirst: Exploring Institutional Fit on a Divided Cyprus. *Ecology and Society*, 18(2), 25.

Roggero, M., & Fritsch, O. (2010). Mind the Costs: Rescaling and Multi-Level Environmental Governance in Venice Lagoon. *Environmental Management*, 46, 17–28.

Currently under Review

Eisenack, K., & **Roggero, M.** (2021). Many roads to Paris: Explaining Urban Climate Action in 885 European cities.

Gütte, A., & **Roggero, M.** (2021). From a challenge to an opportunity: sustainability and the “dark side” of social capital in Paros, Greece.

Other Publications / Outreach

Eisenack, K., Fjornes, J., **Roggero, M.** “Können lokale Regierungen das Klima retten?”, to appear in *Jahrbuch Ökologie 2022*.

“Geht uns bald das Trinkwasser aus?”, *Interview on RTL.de*, August 2020.

Roggero, M., & Thiel, A. (2015). Übergreifende Abstimmung in der Klimaanpassung. *Ökologisches Wirtschaften – Fachzeitschrift*, 30(1), 28–33.

Research Projects

2018-2020	TransformAdapt: From Mainstreaming to transformative adaptation to climate change (Umweltbundesamt)
2018-202	CRISSI: Revitalizing Civil Society for Robust Island Systems: Social Innovation through the Enhancement of Local Capacities (Federal Ministry of Education and Research).
2016-2017	Polycentric adaptation through spatially heterogeneous urban Green (Federal Ministry of Education and Research).
2016-2017	de/zentral: Institutionell und technologisch konsistente Energiestrategien für eine zentral oder dezentral ausgerichtete Energiewende in Deutschland (Federal Ministry of Education and Research)
2012-2015	econCCadapt (Federal Ministry of Education and Research).
2011-2012	TEEB – The Economics of Ecosystems and Biodiversity (various funding agencies).
2007-2010	GoverNat – Multi-level Governance of Water and Biodiversity in Europe (Marie-Curie Research and Training Network, FP6).

Reviewer

Journals: *Environmental Science and Policy, Regional Environmental Change, Water Resources and Economics, Journal of Environmental Management, Ecological Economics, Mitigation and Adaptation Strategies for Global Change, International Journal of the Commons, Ecology and Society, Environmental Values, Current Opinion in Environmental Sustainability, Journal of Institutional Economics, Journal of Environmental Planning and Management, Environmental Policy and Governance*

Editor

Special Issue on Adapting Institutions to Climate Change. *Journal of Institutional Economics*, Volume 14, Special Issue 3, June 2018.

Supervision of Master/Bachelor Theses (Humboldt-Universität zu Berlin)

John Anderson	Urban Climate Action: drivers of climate change mitigation policy in French and Spanish cities (M.Sc)
Jan Fjornes	Urban mitigation paths of CDP cities - A Qualitative Comparative Analysis (M.Sc.)
Rebecca Freitag	How Media Frames of a Carbon Tax in German Daily Newspapers Have Contributed to its Acceptability (M.Sc.)
Carlotta Krone-Danhier	KEEP COOL Mobile and Urban Climate Action – Comparing Real-Life and In-Game Action Situations (M.Sc.)
Sophie Reinbold	Exploring barriers and opportunities for international environmental monitoring and reporting: the case of soil organic carbon in Kyrgyzstan (M.Sc.)
Valerie Kwan	Governing local climate action: Leadership, coordination and cooperation for mitigation and adaptation in smaller German municipalities (M.Sc.)
Lindsay Graham	Perceptions and Climate Adaptation: Case Study of Agroecology in Crete (M.Sc.)

Magdalena Bauer	A Qualitative Comparative Analysis of local climate action across municipalities in Southern and Eastern Europe (M.Sc.)
Annelie Gütte	The Role of Relational and Cognitive Social Capital in Environmental Collective Action (M.Sc.)
Finn-Rasmus Hingst	Barriers to urban climate change adaptation planning – Applying fuzzyset QCA to identify constraining conditions to climate change adaptation for cities in Germany (M.Sc.)
Philipp Schadt	Exploring Urban Climate Action: Eine Faktorenanalyse (B.Sc.)
Michela Cannovale-Palermo	Institutional barriers to climate change adaptation during Expo 2015, Milan (M.Sc.)
Anastasia Gotgelf	Opportunities for water governance adaptation to climate change (M.Sc.)

PhD Committees (Humboldt-Universität zu Berlin)

- Geronimo Gußmann: Coastal Adaptation Governance In The Maldives
- Muluken Elias Adamseged: Climate Change Adaptation, Institutions, and Livelihood Dynamics of Rural Households
- Misginaw Tamirat Arficho: Pastoral Adaptation to Climate Change in Southern Ethiopia
- Julio Gustavo Fournier Gabela: On the economic effects of natural disasters: Frontiers in applied spatial computable general equilibrium modeling

Teaching (Humboldt-Universität zu Berlin)

- Advanced Environmental and Resource Economics (MSc in Integrated Natural Resource Management), Winter Semester 2021, 2020, 2019.
- Applied social research for socio-ecological resilience: solidarity economy and climate adaptation in the Cyclades (Study Project, MSc in Integrated Natural Resource Management), Summer Semester 2019.
- WINS-Seminar: Institutional Analysis of Social-Ecological-Technical Systems (SETS) (graduate), Summer Semester 2018.
- Promotionskolleg Agrarökonomik (graduate), Winter Semester 2016, 2014, 2013, 2012.
- Brückenmodul Problemorientiertes Arbeiten (BSc), Winter Semester 2016.

Conference Presentations

“Bonding Social Capital: a challenge or an asset? Reruralization and socio-ecological resilience in Paros, Greece”. Paper presented at the *IASC Urban Commons Virtual Conference*, May 2021 (online).

“Urban Mitigation Paths: A QCA of 25 cities”. Paper presented at the *4th Workshop on Archetypes of Sustainable Development*, online, February 2021.

“Sustainability projects in crisis-hit Greece: Institutional Change in the Cyclades”. Paper presented at the *Netzwerktreffen Neue Institutionenökonomik 2020*, TU Dresden / IHI Zittau, January 2020.

“Polycentricities: different paths to ambitious climate cooperation among cities”. Paper presented at the *2021 Bratislava Conference on Earth System Governance*, September 2021 (online), at the *IASC Polycentricity Virtual Conference*, May 2021 (online), the *3rd IASC Arizona Workshop*, Arizona State University, Tempe, USA, March 2020 (online), the *Third Archetype Workshop*, Olomouc, CZ, October 2019, at the *Kosmos Conference*, Berlin, August 2019, at the *Workshop of the Workshops 6*, Bloomington (IN),

USA, June 2019, and the *European Climate Change Adaptation Conference (ECCA)*, Lisbon, Portugal, May 2019.

“Governance & Wasserwirtschaft”. Keynote speech, *National Water Dialogue, Cluster 5 “Wasser und Gesellschaft”*, Berlin, Germany, December 2019.

“Generic and specific adaptation institutions, always relevant? An archetype analysis of drought adaptation in Spanish irrigation systems”. Paper presented at the *IASC Water Commons Virtual Conference*, May 2021 (online), and the *Workshop of the Workshops 6*, Bloomington (IN), USA, June 2019.

“Multi-level climate action turned sour. How does cities’ climate leadership look like without national support?”. Paper presented at the *Workshop of the Workshops 6*, Bloomington (IN), USA, June 2019.

“Good for me and good for you? Exploring green roofs as climate adaptation with multiple social dilemmas”. Poster presented at the *European Climate Change Adaptation Conference (ECCA)*, Lisbon, Portugal, May 2019.

“Institutional adaptation to cooling water scarcity for thermoelectric power generation under global warming”. Paper presented at the *ECPR General Conference*, Hamburg, August 2018.

“The ‘part’ of the deal: institutional insights on delivering public urban adaptation through private finance”. Paper presented at the *Adaptation Futures Conference*, Cape Town, South Africa, June 2018.

“Institutions, adaptation and the IAD framework: a systematic review of IAD elements in the climate adaptation scholarship”. Paper presented at the *XVI Biennial IASC Conference*, Utrecht, The Netherlands, July 2017.

“Transnational Adaptation: Drawing Lessons from the Mitigation Literature”. Paper presented at the *Workshop on Transnational Adaptation*, Stockholm Environmental Institute, Stockholm, Sweden, March 2017.

“Adapting Transactions: Institutional Economics and Segregative vs. Integrative Climate Adaptation”. Paper presented at: the *econCCadapt* conference, Berlin, Germany, March 2015; *Dresden Nexus Conference*, March 2015; and *Adaptation Futures Conference* in Rotterdam, the Netherlands, May 2016.

“Adapting Transactions: exploring local climate adaptation through the ISI-Framework”. Paper presented at the *Climate Change Adaptation and Institutions Workshop*, October 2014, Chameleon Research Group, Oldenburg University.

“Adapting Institutions: Institutional Economics and Segregative vs. Integrative Climate Adaptation”. Paper presented at the *Global Land Project Open Science Meeting*, March 2013 Berlin, Humboldt University.

“Cost-Benefit Analysis and Institutions”. Paper presented at *Umwelt und Energie: Netzwerktreffen Neue Institutionenökonomik 2013*, December 2013, Helmholtz Centre for Environmental Research – UFZ, Leipzig, Germany.

“Institutional (Climate) Change: Exploring climate adaptation through institutional analysis”. Paper presented at the *10th biannual conference of the European Society for Ecological Economics*, June 2013 Lille, France.

“Institutional (Climate) Change – exploring adaptation through institutional analysis”. Paper presented at the *2013 European Climate Change Adaptation (ECCA) Conference*, March 2013, Hamburg.

“Talk on Water: Ecological Economics and Participatory Watershed Governance”. Paper presented at the *9th Biannual Conference of the European Society for Ecological Economics*, Bosphorus University, Istanbul (Turkey), June 2011.

“Three Views on Institutional Change”. Paper presented at the *11th Biennial Conference of the International Society for Ecological Economics*, August 2010, University of Oldenburg.

“Do They Really Think So? Institutional Economics and PES Schemes”. Paper presented at the *8th Biennial Conference of the European Society for Ecological Economics*, June 2009, Biotechnical Faculty, University of Ljubljana (Slovenia).

“All in the same boat: Externalities, Interdependencies and the Commons in Venice Lagoon”. Paper presented at the *12th Biennial Conference of the International Society for the Study of the Commons*, July 2008, Cheltenham (United Kingdom).

“Race to the (lagoon) Bottom: Cockle Fisheries vs. Ecosystem Preservation in Venice Lagoon”. Paper presented at *CAIWA – International Conference on Adaptive & Integrated Water Management, Coping with complexity and uncertainty*, November 2007, Basel (Switzerland).

Conference and Workshop Organization

- February 2021: Fourth Workshop on Archetypes of Sustainable Development (online)
- February 2018: Second Workshop on Archetype Analysis in Sustainability Research, Humboldt University, Berlin (Germany)
- March 2015: econCCadapt Final Conference, Humboldt University, Berlin (Germany).
- November 2014: New Institutional Economics Network Meeting, Humboldt University, Berlin (Germany).
- March 2014: Workshop on Climate Adaptation and Institutional Economics, econCCadapt project, Humboldt University, Berlin (Germany).
- September 2013: Workshop on Climate Adaptation and Institutional Economics, econCCadapt project, Humboldt University, Berlin (Germany).
- March 2012: TEEB Conference, Helmholtz-Center for Environmental Research – UFZ, Leipzig (Germany).
- November 2011: Der Nutzen von Ökonomie und Ökosystemdienstleistungen für die Naturschutzpraxis: Workshop 1, Einführung, BfN-INA, Vilm (Germany).
- January 2010: GoverNat Final Conference, Helmholtz-Center for Environmental Research – UFZ, Leipzig (Germany).

Academic Service

January 2020 – present Member of the "Kommission Nachhaltige Universität" of Humboldt-Universität zu Berlin

Skills

Languages: Italian (native), English (fluent), German (fluent)

IT: R (proficient), MS Office (proficient), MacOS (proficient), Linux (basic), Final Cut Pro X (basic), Logic Pro (intermediate)