

Dr. Josselin Rouillard

Doctor of Philosophy

MSc (Environmental Change and Management)

BSc (Environmental Sciences)

Senior Fellow

Team

[Research & Policy Analysis](#)

Topics

[Water](#)

[Economics](#)

[Adaptation](#)

[Agriculture](#)

Dr. Josselin Rouillard joined Ecologic Institute Berlin in 2013. He works both in academic research and consultancy, applying his expertise to support the implementation of water, climate and agriculture policies. His research work draws on institutional economics, collective action theories and policy science studies. Josselin Rouillard is a native French speaker, is fluent in English and has a good knowledge of Spanish.

Currently, Josselin leads the work on the [financing of restoration and nature-based solutions in freshwater ecosystems](#) in the EU Innovation Action MERLIN. He contributes to the assessment of [innovative policy instruments and governance for sustainable water use](#) in the Govaqua research project, and is the technical coordinator of the upcoming [Assessment of European Waters and Integrated Water Assessment](#) for the European Topic Center on Biodiversity and Ecosystems as a support to the European Environment Agency.

Josselin also provides technical assistance to the European Commission and the working groups of the Common Implementation Strategy of the WFD regarding [the implementation of water allocation policies](#) and [drought management plans in Europe](#). As a senior environmental expert, he contributes to the European Evaluation Helpdesk of the CAP (part of the EU CAP Network).

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For the European Environment Agency, Josselin previously contributed to the assessment of the [State of Europe's Waters](#) for the European Environment Agency, was a lead author on the report [Water and Agriculture: towards sustainable solutions](#), and contributed to the [assessment of the status and pressures on European groundwaters](#) and the [assessment of water scarcity and droughts in Europe](#). He also contributed to the development of guidance on the definition of [good ecological potential](#) for the European Commission and the working groups of the Common Implementation Strategy of the

WFD. He has provided assistance on strengthening the use of [economic instruments](#) in river basin management and led the [integrated assessment of EU policies to support the mainstreaming of ecosystem-based management for aquatic ecosystems](#).

Josselin recently led the work [mapping and analysis of the interventions related to the climate and environmental ambitions of the CAP strategic plans](#), for DG AGRI. Since 2015, he has provided consultancy services to DG ENV and DG CLIMA on various projects related to the climate and environmental ambitions of the CAP, including in the [Rural Development Plans](#) 2014 -2020 and the recently adopted CAP strategic plans.

Between 2018 and 2020, Josselin was on secondment at the French Geological Survey (Brgm) as part of a [Marie-Skłodowska Individual Fellowship](#) on sustainable groundwater management and water allocation policies. Before joining Ecologic Institute Josselin Rouillard was a research associate for the [School of Geosciences at the University of Edinburgh](#) and the [IHP-HELP Centre for Water Law, Policy and Science](#) at the University of Dundee, where he worked on a variety of research projects on river basin management and the ecosystem services approach. He also worked as a project officer for the [Centre for Ecology and Hydrology](#), as an environmental expert with Europe-Planet Earth and for [ACT](#), and as an intern for the [European Environmental Bureau](#) in Brussels.

He completed his doctorate studies in 2012 as part of a collaborative program between the [Scottish Alliance for Geoscience, Environment and Society](#), the University of Dundee and the University of Edinburgh. His thesis was on adaptive water governance, flood risk management and rural development in Scotland. He holds a MSc in Environmental Change and Management from the University of Oxford and a BSc in Environmental Sciences from the University of Reading.

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Projects Publications

Selected projects by Dr. Josselin Rouillard

Water resources

[European Topic Centre on Inland, Coastal and Marine Waters \(ETC-ICM\)](#)

Duration

Jan 2019 - Dec 2022

Funding

[European Environment Agency](#) (EEA), International

[Study of the Impacts of Pressures on Groundwater in Europe](#)

Duration

Sep 2020 - Apr 2021

Funding

[European Environment Agency](#) (EEA), International

River Basins and Financial Redistribution in Practice (EcoCuencas)

Duration

Jan 2015 - Dec 2017

Funding

European Commission, [Directorate-General Development and Cooperation](#) (EuropeAid), International

Managing Water Demand in Europe: An Assessment of Price and Non-price Measures and an Update on Price Elasticity of Water Demand

Duration

Jun 2015 - Feb 2016

Funding

[European Environment Agency](#) (EEA), International

Agriculture

Evaluation of the Contribution of EU Rural Development Policy to Water and Flood Policy

Duration

Jul 2016 - Mar 2017

Funding

European Commission, [Directorate-General Environment](#) (DG Environment), International

Updated Inventory and Assessment of Soil Protection Policy Instruments in EU Member States

Duration

Dec 2015 - Oct 2016

Funding

European Commission, [Directorate-General Environment](#) (DG Environment), International

Ecosystem restoration

CIS Guidance on Article 4(7), Inter-comparison of Good Ecological Potential and Hydromorphological Assessment Methods

Duration

May 2017 - Nov 2018

Funding

European Commission, [Directorate-General Environment](#) (DG Environment), International

Support to the Ad-hoc Task Groups on Hydromorphology and Article 4(7) of the WFD

Duration

Sep 2016 - Mar 2017

Funding

European Commission, [Directorate-General Environment](#) (DG Environment), International

Knowledge, Assessment, and Management for Aquatic Biodiversity and Ecosystem Services Across EU Policies (AQUACROSS)

Duration

Jun 2015 - Nov 2018

Funding

European Commission, [Directorate-General Research & Innovation](#) (DG Research & Innovation), International

Adaptation to climate change

Integrated Water Resource Management and Climate Change Adaptation

Duration

Oct 2014 - Oct 2016

Funding

[The Leverhulme Trust](#), United Kingdom

Economics of Climate Change Adaptation in Europe (ECONADAPT)

Duration

Oct 2013 - Sep 2016

Funding

European Commission, [Directorate-General Research & Innovation](#) (DG Research & Innovation), International

Making Society an Active Participant in Water Adaptation to Global Change (BeWater)

Duration

Oct 2013 - Mar 2017

Funding

European Commission, [Directorate-General Research & Innovation](#) (DG Research & Innovation), International

Selected publications by Dr. Josselin Rouillard

Water resources

Rouillard, Josselin, and Jean-Daniel Rinaudo. "From State to user-based water allocations: An empirical analysis of institutions developed by agricultural user associations in France." *Agricultural Water Management* 239 (2020): 106269.

Rouillard, Josselin 2019: Groundwater and agriculture: a comparison of managing scarcity and droughts in France and California. California WaterBlog, 24 March 2019, <https://californiawaterblog.com/2019/03/24/groundwater-and-agriculture-a-comparison-of-managing-scarcity-and-droughts-in-france-and-california/>.

David Benson, Animesh K Gain, Josselin Rouillard et. al. 2017: Governing for the nexus: empirical, theoretical and normative dimensions. in: P. Abdul Salam, Sangam Shrestha, Vishnu Prasad Pandey, Anil K. Anal (Eds.): *Water-Energy-Food Nexus: Principles and Practices*.

Vidaurre, R., Rouillard, J., Kröger, I. (2017). *Implementing Redistributive Financial Mechanisms in River Basin Management*. Ecologic Institute.

Vidaurre, R., Rouillard, J., Kröger, I. (2017). *Implementando Mecanismos Financieros Redistributivos en la Gestión de Cuencas: Guía para América Latina*. Ecologic Institute.

Anzaldúa, Gerardo et. al. (2018). Getting into the water with the Ecosystem Services Approach: The DESSIN ESS evaluation framework. Ecosystem Services.

Rouillard, Josselin; Vidaurre, Rodrigo: Designing governance and financing regimes to encourage innovation uptake. A guide for water managers and policy makers. DESSIN policy brief 1. October 2015.

Vidaurre Rodrigo and Rouillard Josselin: Increasing chances of innovation uptake through governance. A guide for technology companies and water utilities. DESSIN policy brief 2. October 2015.

Delacámara, G.; Dworak, T.; Gómez, C.M.; Lago, M.; Maziotis, A.; Rouillard, J.; Strosser, P.; 2013. EPI-Water Deliverable 5.3: Guidance on the design and development of Economic Policy Instruments in European water policy. EPI-Water - Evaluating Economic Policy Instruments for Sustainable Water Management in Europe.

Agriculture

EEA 2021: Water and agriculture: towards sustainable solutions. EEA report 17/2020. Publications Office of the European Union, Luxembourg, 128pp.

Rouillard, Josselin; Maria Berglund 2017: European level report: Key descriptive statistics on the consideration of water issues in the Rural Development Programmes 2014-2020. Ecologic Institute, Fresh Thoughts: Berlin, Vienna.

Berglund, Maria; Josselin Rouillard; Thomas Dworak 2017: Guidance on a "Good Practice" RDP from a Water Perspective. Fresh Thoughts, Ecologic Institute: Vienna, Berlin.

Ecosystem restoration

EEA 2018: European Waters Assessment of Status and Pressures. EEA Report No 7/2018. European Environment Agency, Luxembourg.

Rouillard J, Kampa E, (eds), WG ECOSTAT report on common understanding of using mitigation measures for reaching Good Ecological Potential for Heavily Modified Water Bodies, EUR 29132 EN, Publications Office of the European Union, Luxembourg, 2018.

Lago, M., Boteler, B., Rouillard, J., Abhold, K., Jähnig, S., Iglesias-Campos, A., Delacámara, G., Piet, G., Hein, T., Nogueira, A., Lillebø, A., Strosser, P., Robinson, L., De Wever, A., O'Higgins, T., Schlieter, M., Tränk, L., Reichert, P., van Ham, C., Villa, F. and Hugh, M. (2019). Introducing the H2020 AQUACROSS project: Knowledge, Assessment, and Management for AQUatic Biodiversity and Ecosystem Services across EU policies. Science of The Total Environment, 652, pp.320-329.

Rouillard, J., Lago, M., Abhold, K. et.al. (2017). Protecting and Restoring Biodiversity across the Freshwater, Coastal and Marine Realms: Is the existing EU policy framework fit for purpose?. Environmental Policy and Governance.

Rouillard, J., Lago, M., Abhold, K. et al. 2018: Protecting aquatic biodiversity in Europe: How much do EU environmental policies support ecosystem-based management? *Ambio* (47)1.
doi:10.1007/s13280-017-0928-4

Adaptation to climate change

ECONADAPT Consortium 2016: ECONADAPT / The Economics of Climate Change Adaptation. URL: <http://econadapt.eu/>

TrÄ¶ltzsch, J., Rouillard, J., Tarpey, J., Lago, M., Watkiss, P., Hunt, A. (2016). The economics of climate change adaptation: Insights into economic assessment methods. ECONADAPT Deliverable 10.2

Rouillard, J., TrÄ¶ltzsch, J., Tarpey, J., Lago, M., Watkiss, P., Hunt, A. Bosello, F., Ermolieva, T., Goodess, C., Mechler, R., Parrado, R., Sainz de Murieta, E., Scussolini, P. (2016). The economic analysis of climate adaptation: Insights for policy-makers. ECONADAPT deliverable 10.3

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