

# Sabrina Eisenbarth

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## Academic Positions

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| 2023 – present | <b>Associate Professor of Environmental Economics and Director of the Swiss Institute for International Economics and Applied Economic Research (SIAW)</b> , University of St. Gallen, Switzerland                              |
| 2023 – present | <b>Honorary Research Fellow</b> , University of Exeter Business School and Land, Environment, Economics and Policy Institute, University of Exeter, UK  |
| 2022           | <b>Senior Lecturer (Assistant Professor with tenure) in Economics</b> , University of Exeter Business School and Land, Environment, Economics and Policy Institute, University of Exeter, UK                                    |
| 2018 – 2022    | <b>Lecturer in Economics (equivalent to Assistant Professor in North America, with tenure from 2021)</b> , University of Exeter Business School and Land, Environment, Economics and Policy Institute, University of Exeter, UK |
| 2016 – 2018    | <b>Postdoctoral Research Fellow</b> , Oxford Center for the Analysis of Resource Rich Economies (OxCarre), Department of Economics, University of Oxford  |

## Education

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| 2012 – 12/2016 | <b>PhD in Economics</b> , University of Nottingham<br>Thesis Title: <i>“Essays on International Trade, Environmental Regulation and Resource Management”</i> |
| 2013 – 2014    | <b>Research visit</b> , University of British Columbia, Canada   |
| 2010 – 2012    | <b>MSc in Economics and International Economics</b> , University of Nottingham<br>Distinction, ranked first out of 132 students                              |
| 2006 – 2010    | <b>BSc in International Economics with emphasis on China</b> , Eberhard Karls University Tübingen and People’s University of China, Distinction              |

## Research Interests

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Environmental and Resource Economics, International Trade, Development Economics

## Publications

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Bateman et al. (2022). A review of planting principles to identify the right place for the right tree for 'net zero plus' woodlands: Applying a place-based natural capital framework for Sustainable, Efficient and Equitable (SEE) decisions. *People and Nature*, 00, 1-31.

Eisenbarth, S. (2022). Do exports of renewable resources lead to resource depletion? Evidence on fisheries. *Journal of Environmental Economics and Management*, 112(102603).

Eisenbarth, S., Graham, L., and Rigterink, A. S. (2021). Can community monitoring save the commons? Evidence of forest loss and spillovers. *Proceedings of the National Academy of Sciences*, 118(19).

Slough, T., Rubenson, D., Levy, R., Rodriguez, F. A., Bernedo del Carpio, M., Buntaine, M., Christensen, D., Cooperman, A., Eisenbarth, S., Ferraro, P., Graham, L., Hartman, A., Kopas, J., Richey, S., Rigterink, A., Samii, C., Seim, B., Urpelainen, J., and Zhang, B. (2021). Adoption of Community Monitoring Improves Common Pool Resource Management Across Contexts. *Proceedings of the National Academy of Sciences*, 118(19).

Eisenbarth, S., Graham, L., and Rigterink, A. S. (2021). Can reminders of rules induce compliance? Experimental evidence from a common pool resource setting. *Environmental and Resource Economics*, 79(4): 653–681.

Costello, C., Millage, K., Eisenbarth, S., Galarza, E., Ishimura, G., Rubino, L. L., Saccomanno, V., Sumaila, U. R., and Strauss, K. (2021). Ambitious subsidy reform by the WTO presents opportunities for ocean health restoration. *Sustainability Science*, 16(4): 1391–1396.

Eisenbarth, S. (2017). Is Chinese trade policy motivated by environmental concerns? *Journal of Environmental Economics and Management*, 82: 74-103.

## Working Papers

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Does trade openness foster resource management? Evidence from fishing quotas

Are the impacts of external environmental payments shifted by pre-existing informal and formal institutions *with Miguel Fonseca and Alex Pfaff*

Carbon leakage from land-based climate change mitigation measures, *with Uris Baldos, Brett Day and Alla Golub*

## Selected Work in Progress

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NetZeroPlus Project: Planting the right trees in the right places to remove greenhouse gases from the atmosphere and achieve other co-benefits *with Ian Bateman, Amy Binner, Richard Brazier, Brett Day, Anna Harper, Astley Hastings, Daniel Williamson and others*

## Relevant Work Experience

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02/2014 - 04/2014      **Department of Environment, Food and Rural Affairs (Defra)**, London  
ESRC Internship: I conducted quantitative research on the determinants of fish prices in English ports and explained my results in a policy report.

03/2010 - 06/2010	<b>Delegation of the European Union to China and Mongolia</b> , Beijing, China Internship as Economic Analyst: I analysed current economic developments using Chinese government data and prepared detailed policy reports covering China's labour market, foreign trade and exchange rate system.
05/2009 – 02/2010	<b>Eberhard Karls University Tübingen</b> , Germany Research Assistant in Industrial Organisation for Prof. Dr. Stadler

## Policy Impact

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2022 - 2025	<b>NetZeroPlus</b> <ul style="list-style-type: none"> <li>• Research on woodland planting to sequester carbon and achieve co-benefits for biodiversity conservations and recreation.</li> <li>• Research is co-designed with stakeholders in the government and other land-owning organisations and informs the biggest ever tree planting programme in the UK, reaching 30,000ha of trees/year by 2025.</li> </ul>
2019	<b>Research to inform WTO negotiations on the removal of fisheries subsidies</b> <ul style="list-style-type: none"> <li>• Research designed in collaboration with WTO delegates</li> <li>• We presented the results to WTO delegates in Geneva, government representatives and NGOs in London and Berlin.</li> </ul>

## Research Grants

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2023 - 2023	The economics of biodiversity additionality: BIOADD, £811,615, co-investigator
2021 - 2025	Greenhouse Gas Removal Plus (GGR+): Sustainable Treescapes Demonstrator & Decision Tool funded by UKRI, £5.6 million from UKRI, Forest Research, University of Exeter, University of Aberdeen, and National Trust and £6 million of partner funding in cash or in kind, work package lead and co-investigator (0.1FTE over 4.5 years)
2022	Strategic Priorities Funding for participation in GTAP short course, \$4,000
2022	GLASSNET Use Case Funding
2021	Dragon Capital Funding for research on collective conservations payments and local institutions, £1,000
2021	Exeter-Duke Partnership Development Grants, £12,000
2019 - 2020	Global Challenges Research Fund - Facilitation Funding: Responding to sea-level rise and storm events: A proposed framework for developing coastline adaptation strategies in Southern Africa, £60,000, co-investigator
2020	Mobility funding for research collaboration with the University of British Columbia, £5,000, PI
2017 - 2019	EGAP Metaketa III: Natural Resources Grant for research on community monitoring of deforestation, \$233,000, joint principal investigator, project funds were used for field work

## Honours and Scholarships

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2020	“Above and Beyond Award” for teaching contribution
2012 - 2015	ESRC PhD studentship
2014	ESRC Internship Award for research at the Department for Environment, Food and Rural Affairs (Defra), London
2013	ESRC Overseas Institutional Visit Scholarship
2010 - 2012	Scholarship by the German Academic Exchange Service for the MSc Studies in Economics and International Economics at the University of Nottingham
2007 - 2008	Hölderlin Scholarship for studies in China sponsored by the German National Academic Foundation in cooperation with the Allianz AG
2006 - 2012	Scholarship based on academic merit by the German National Academic Foundation

## Teaching Experience

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2023 - present	<b>Instructor (including course development), University of St. Gallen</b> <ul style="list-style-type: none"><li>• Economics of Climate Change (Undergraduate)</li><li>• Introduction to Environmental Economics (Undergraduate)</li><li>• Globalization and the Environment (Master)</li><li>• Environmental Economics (Master)</li><li>• Supervision of PhD students, undergraduate and postgraduate dissertations</li></ul>
2018 - 2022	<b>Lecturer and Module Leader (including course development), University of Exeter</b> <ul style="list-style-type: none"><li>• Global Environmental Issues (Undergraduate, year 3, 2018 - 2019)</li><li>• Global Environmental Economics (Undergraduate, year 3, 2019 - 2021)</li><li>• Intermediate Microeconomics (Undergraduate, year 2, 2020 - 2021)</li><li>• Microeconomics II (Undergraduate, year 2, 2020 - 22)</li><li>• Economics I (Undergraduate, year 1, 2019 - 2020)</li><li>• Dissertation supervisor (Undergraduate, year 3 and MSc, 2018 - 2021)</li><li>• Supervision of 2 PhD students</li><li>• Personal tutor for 32 students</li></ul>
2014 - 2015	<b>Graduate Teaching Fellow</b> , University of Nottingham <ul style="list-style-type: none"><li>• International Trade Policy (Undergraduate, year 3)</li><li>• Current Economics Issues II (Undergraduate, year 1)</li></ul>
2012 - 2013	<b>Graduate Teaching Assistant</b> , University of Nottingham <ul style="list-style-type: none"><li>• Mathematical Economics (Undergraduate, year 1)</li><li>• Economic Integration II (Undergraduate, year 1)</li></ul>
2009 - 2010	<b>Module Tutor</b> , Eberhard Karls University Tübingen <ul style="list-style-type: none"><li>• Advanced Microeconomics (Undergraduate, years 2 and 3)</li></ul>

## Professional Affiliations

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Research Affiliate at the University of Exeter Business School and LEEP

Research Affiliate at the Oxford Centre for the Analysis of Research Rich Economies (OxCarre), University of Oxford

InstED Network

## Invited Presentations

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2024	University of Augsburg
2023	Swedish University of Agricultural Sciences, University of St. Gallen
2022	University of St. Gallen; Paderborn University; Conservation and Impact Evaluation Seminar Series, John Hopkins University; Workshop on Environmental and Resource Economics, Center for Environmental Economics and Policy in Montpellier (CEE-M); Workshop on New Directions in Anti-Poverty Research Conference, Trinity College Dublin; Forum on the Economics of Nature and the Nature of Economics, London School of Economics
2021	University of Cambridge; Binghamton University; University of Exeter
2020	QUEX seminar, University of Queensland
2019	University of Manchester
2018	Columbia University; Department of Agricultural and Resource Economics, University of California, Berkeley; Rosenstiel School for Marine and Atmospheric Science, University of Miami; Andrew Young School of Policy Studies, Georgia State University; Department of Agricultural and Applied Economics, Virginia Tech; University of Exeter Business School; University of Oslo; University of Groningen; TU Dresden
2017	Bren School, University of California, Santa Barbara; Seminar in Energy and Resource Economics, Christian-Albrechts-Universität zu Kiel; Department of Economics, University of Heidelberg; OxCarre and Trade Seminar Series, University of Oxford
2016	OxCarre Lunchtime Seminar Series, University of Oxford; PhD Colloquium on Environmental and Energy Economics and Management, University of Birmingham

## Conferences Presentations

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2024	CEPR and FGN-HSG Workshop on Sustainability and Public Policy
2023	EAERE Conference, Limassol; Workshop on Resources, Conflict, and the Environment, ETH Zurich; Workshop on Global Connections, Ecosystem Services and Sustainability, University of Queensland
2022	EAERE Conference, Rimini, BIOECON Conference, Exeter
2020	AERE Conference, EAERE Conference
2019	AERE Conference, LEEP in 2019, EAERE Conference

2018	INRA conference on Public Policies in the Context of Global Changes, SURED Conference, World Congress of Environmental and Resource Economists
2017	BIOECON Conference, Tilburg; EAERE Conference, Athens
2016	EAERE Conference, Zurich
2015	14 <sup>th</sup> GEP Annual Postgraduate Conference, Nottingham
2014	ETSG Conference, Munich; World Congress of Environmental and Resource Economists, Istanbul; 13 <sup>th</sup> GEP Annual Postgraduate Conference, Nottingham

## **Refereeing**

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American Journal of Agricultural Economics, China Economic Review, Environmental and Resource Economics, Journal of Environmental Economics and Management, Marine Resource Economics, Nature Climate Change, Oxford Bulletin of Economics and Statistics, Proceedings of the National Academy of Sciences, Science, Swiss Journal of Economics and Statistics, The World Economy, World Development

## **Other professional service**

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2021 - present	Scientific Advisory Board member of Environmental and Resource Economics
2019 - 2022	Organising the LEEP Research Brownbag
2017 - 2018	Organising the OxCarre Lunchtime Seminar Series, University of Oxford

## **Languages**

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English (fluent), German (mother-tongue), Portuguese (very good command), Mandarin and French (good command), Spanish (basic skills)

*Last updated: January 2024*