

Frederik Noack

Food and Resource Economics Group
University of British Columbia
2357 Main Mall, Vancouver, V6T 1Z4
Canada

Phone: +1-236-833-3012
Email: frederik.noack@ubc.ca
<http://frederiknoack.landfood.ubc.ca>

Academic appointments

University of British Columbia, Food and Resource Economics Group (Canada)
Assistant Professor 2017–present
Canada Research Chair (Tier 2) 2020–present

University of California, Santa Barbara, Bren School of Environmental Science and Management (USA)
Postdoctoral fellow 2015–2017

Center for International Forestry Research, Rio de Janeiro (Basil)
Associate Professional Officer 2014

Education

University of Kiel (Germany)
Ph.D., Economics 2013

University of Greifswald (Germany)
M.S. & B.S. (Diplom), Landscape Ecology 2008

Non-academic work

World Bank
Consultant, Uganda and India 2006–2011

Succow Foundation
Consultant, Azerbaijan 2006–2007

World Wide Fund for Nature (WWF)
National service & research assistant, Germany and Malaysia 2000–2002

Publications

Graduate students are underlined.

Authors ordered (a) alphabetically, (c) according to contribution, (s) senior author last

Working papers

Noack, F., & Costello, C. Credit Markets, Property Rights, and the Commons. *NBER Working Paper 29889* and 2nd round R&R at *Journal of Political Economy* (c)

Madhok, R. **Noack, F.**, Mobarak, M. & Deschnes O. Rural-Urban Migration and the Re-organization of Agriculture. *EGC Discussion Paper 1095* (c)

Noack, F., Rohner, D. & Sonno, T. Multinationals vs Mother Nature? The Impact of Multinational Firms on the Environment (a)

Cecado, B., **Noack, F.** & Baylis, P. Can Migration Mitigate Weather and Climate Damages? Under review at *Journal of the Association of Environmental and Resource Economists* (c)

Riekhof, M.-C. & **Noack, F.** Nature's decline and recovery – Structural change, regulatory costs, and the onset of resource use regulation. Under review at *Journal of Environmental Economics and Management* (c)

Larsen, A., **Noack, F.** & Powers, C. Pest control implications of organic agriculture. Under review at *Science* (c)

Renard, D., Mahaut, L & **Noack, F.** Crop diversity buffers the impact of droughts on food production. Submitted to *Environmental Research Letters* (c)

Noack, F. & Quaas, M. The Economics of Crop Diversity: Ecology of Scope and the Productivity of Small-Scale Farming (c)

Peer-reviewed publications

Brewer, J., Larsen, A. & **Noack, F.** (Conditionally accepted) The Land Use Consequences of Rural to Urban Migration. *American Journal of Agricultural Economics*. (s)

Merhabi, Z.,...,**Noack, F.**,...,You,L. (2022) Research priorities for global food security under extreme events. *One Earth*.(c)

Gulati, S., Karanth, K. K., Le, N. A., & **Noack, F.** (2021). Human casualties are the dominant cost of human-wildlife conflict in India. *Proceedings of the National Academy of Sciences*. (a)

Larsen, A. E., & **Noack**, F. (2021). Impact of local and landscape complexity on the stability of field-level pest control. *Nature Sustainability*. (c)

Noack, F., Larsen, A., Kamp, J., & Levers, C. (2021). A bird's eye view of farm size and biodiversity: The ecological legacy of the iron curtain. *American Journal of Agricultural Economics*. (c)

Bonardi, J.P., Gallea, Q., Kalanoski, D., Lalive, R., Madhok, R., **Noack**, F., Rohner, D. and Sonno, T., (2021). Saving the world from your couch: the heterogeneous medium-run benefits of COVID-19 lockdowns on air pollution. *Environmental Research Letters*.(a)

Noack, F. (2020) Resource Abundance and Education. *Economic Development and Cultural Change*.

Noack, F. and Larsen, A. E. (2019) The contrasting effects of farm size on farm incomes and food production. *Environmental Research Letters*.(c)

Noack, F., Riekhof, M.-C. and Di Falco, S. (2019) Biodiversity, Weather Shocks and Rural Incomes in the Tropics. *Journal of the Association of Environmental and Resource Economists*.(c)

Wunder, S., **Noack**, F., & Angelsen, A. (2018). Climate, crops, and forests: a pan-tropical analysis of household income generation. *Environment and Development Economics*.(c)

Noack, F., Riekhof, M. C., & Quaas, M. (2018). Development in a Dual Economy: The Importance of Resource-Use Regulation. *Journal of the Association of Environmental and Resource Economists*.(c)

Larsen, A. E., & **Noack**, F. (2017). Identifying the landscape drivers of agricultural insecticide use leveraging evidence from 100,000 fields. *Proceedings of the National Academy of Sciences*.

Noack, F., Manthey, M., Ruitenbeek, J. & Mohajer R.M. (2010). Separate or mixed production of timber, livestock and biodiversity in the Caspian Forest. *Ecological Economics*.(c)

Major fellowships, grants (PI only) & awards

Social Sciences and Humanities Research Council - Insight Grant, **386,880** CAD, 2022-2027

Canada Foundation for Innovation - John R. Evans Leaders Fund, **215,150** CAD, 2021-2026

Canada Research Chair & Land and Food System Matching Funds, **500,000** CAD indirect & **200,000** CAD direct funds, 2020 - 2025.

Social Sciences and Humanities Research Council - New Frontiers in Research Fund, **242,672** CAD, 2019-2021

Research fellowships, German Research Foundation, ~**200,000** CAD, 2015-2017

Presentations

Invited presentations: Paris School of Economics, University of Wisconsin-Madison, University of Massachusetts Amherst, Marseilles School of Economics, University of Namur, University of Alberta Edmonton, University of Maryland, Center for Environmental Economics - Montpellier, Simon Fraser University, University of Oklahoma, Paris Dauphine University, Michigan State University, Indiana University (Young Scholars Symposium on Natural Resource Governance), University of Victoria (scheduled), University of California, Berkeley (scheduled).

Conference presentations: ASSA Annual Meeting, AERE Summer Conference, EAERE Annual Conference, WCERE, PacDev, Occasional Workshop, SURED, WEAI conference, IIFET, CREEA, AAEA Annual Meeting.

Teaching

Courses

FRE/ECON 374 Land and Resource Economics	since 2018
FRE 474 Causal Inference in the Economics of Natural Resource Conservation	2019
FRE500/600 Food and Resource Economics Seminar	2020-2022
FRE 521R Advanced Food and Resource Economics	2022

Supervision

Vasundhara Gaur, postdoc	since 2021
Trevor Church, PhD student	since 2021
Dennis Engist, PhD student	since 2021

Elyse Adamic, PhD student	since 2019
Linoja Sajanthan, MSc student	expected 2023
Dan O’Beirne, MSc student	since 2021
Julia Brewer, MSc student	2019 to 2021

PhD and MSc committees

Erin Litzow, PhD student	since 2021
Bianca Cecado, PhD student	since 2019
Raahil Madhok, PhD student	since 2019
Tatiana Zarate, PhD student	since 2019
Ginni Braich, PhD student	since 2018
Tim Cashion, PhD student	2018 to 2020
Nguyet Anh Le, MSc student	2019 to 2021

Services

Referee services: American Economic Journal: Economic Policy, Journal of Development Economics, Proceedings of the National Academy of Sciences of the United States of America, Journal of the Association of Environmental and Resource Economists, American Journal of Agricultural Economics, Journal of Environmental Economics and Management, Ecological Economics, Environment and Development Economics, Environmental Research Letters, Land Economics, Nature Food, Plos One, European Review of Agricultural Economics.

Seminar organization: UBC Food and Resource Economics Lunch Seminar (2018 to 2022), UBC Food and Resource Economics Reading Group (since 2019).

Citizenship

Citizen: Germany

Permanent resident: Canada

References

Martin Quaas, iDiv & Leipzig University, *martin.quaas@idiv.de*

Christopher Costello, University of California, Santa Barbara, *costello@bren.ucsb.edu*

Olivier Deschenes, University of California, Santa Barbara, *olivier@econ.ucsb.edu*