

STEFANIE ONDER (née SIEBER)**Ph.D., Economist**onder@american.edu**PROFESSIONAL POSITIONS****AMERICAN UNIVERSITY, WASHINGTON, DC**

Assistant Professor: School of International Service (2017-21; Unpaid Leave Spring 2019, Family Leave Fall 2019, Spring 2021; 2024-)

WORLD BANK, WASHINGTON, DC

Senior Environmental Economist: Global Environment Unit (2021-24)

Senior Environmental Economist: Global Public Goods Unit (2016-17), East Asia & Pacific Environment Unit (2015-16)

Environmental Economist: East Asia & Pacific Environment Unit (2012-15)

Young Professional: East Asia & Pacific (2011-12) and South Asia (2010-11) Environment Units

EDUCATION

Ph.D., Economics, London School of Economics, 2011

Specialization: Development Economics

Dissertation: Economic Development and the Environment: Three Essays

M.Res., Economics (Track 2) with merit, London School of Economics, 2006

M.Sc., Global Market Economics with distinction, London School of Economics, 2005

Diploma, Global Market Economics with distinction, London School of Economics, 2004

B.A., Modern European Studies (Economics and Italian) with 1st Class Honours, University College London, 2003

PEER-REVIEWED PUBLICATIONS

- [When do Refugees Return Home? Evidence from Syrian Displacement in Mashreq](#) with Lori A. Beaman, and Harun Onder, *Journal of Development Economics*, vol 155, 2022.
- [Supporting pathways to prosperity in forest landscapes – A PRIME framework](#) with Priya Shyamsundar, Sofia Ahlroth, and Patti Kristjanson, *World Development*, vol 125: pp. 1-16, 2020.
- [A systematic map of evidence on the contribution of forests to poverty alleviation](#) with S. H. Cheng, K. MacLeod, S. Ahlroth, E. Perge, P. Shyamsundar, P. Rana, R. Garside, P. Kristjanson, M.C. McKinnon, and D.C. Miller, *Environmental Evidence*, vol 8(3): pp. 1-22, 2019.
- [What is the evidence for the contribution of forests to poverty alleviation? A systematic map protocol](#) with Samantha H. Cheng, Sofia Ahlroth, Priya Shyamsundar, Ruth Garside, Patti Kristjanson, Madeleine C. McKinnon, and Daniel C. Miller, *Environmental Evidence*, vol 6 (10): pp. 1-11, 2017.
- [The Political Economy of Deforestation in the Tropics](#) with Robin Burgess, Matthew Hansen, Benjamin Olken, and Peter Potapov, *Quarterly Journal of Economics*, vol. 127 (4): pp. 1707-1754, 2012.

RESEARCH IN PROGRESS

- [“Is natural capital a complement to human capital? Evidence from 46 countries”](#) with Richard Damania (r), Luis Diego Herrera Garcia (r), Hyungju Kim (r), Leonardo Viotti (r), Esha Zaveri (r), and Chrissie A. Pantoja Vallejos (r) (author order randomized using AEA toolkit) *Policy Research Working Paper 10617*
- “Income Smoothing and Cyclone Damage in India” (*revise and resubmit*)
- “Conflict, Trauma and the Risk Preferences of Refugees: Evidence from Syrian Refugees in Jordan” with Lori A. Beaman, and Harun Onder
- “It’s About Time: When Do Conflicts Displace People?” with Lori A. Beaman, Harun Onder, and Emma Smith

POLICY PAPERS AND REPORTS

- *The Changing Wealth of Nations 2024*, Washington DC, World Bank. *Forthcoming (lead author)*.
- [Economic Issues Related to Asian Deforestation](#), with James T. Erbaugh, and Georgia Christina Kosmidou-Bradley in *Oxford Research Encyclopedia of Environmental Science - Environmental Economics*. Oxford University Press, 2021.
- “The Anatomy of Returns to Date” with Lori Beaman and Harun Onder in [The Mobility of Displaced Syrians: An Economic and Social Analysis](#) Washington, DC: World Bank, 2019.
- “Managing Natural Resource Use – How Ecosystem Accounts Helped in the Philippines” in Andreas Goldthau, Michael F. Keating and Caroline Kuzemko, eds., *Handbook of the International Political Economy of Energy and Natural Resources* Cheltenham, UK: Edward Elgar Publishing, 2018
- Background papers on Energy and Solid Waste Management for Biller, Dan, and Ijaz Nabi. [Investing in Infrastructure: Harnessing its Potential for Growth in Sri Lanka](#) Washington, DC: World Bank, 2013.
- [Certification, Verification and Governance in Forestry in Southeast Asia](#) with Giuseppe Topa and Kwaw Andam, Discussion Papers. Washington D.C.: The World Bank, 2012.

PROFESSIONAL SERVICE

- **Guest editor:** Special issue on [Sustainability under limited natural capital substitutability](#) for the *Journal of Environmental Economics and Management*
- **Peer reviewer:** *Journal of Development Economics*

TEACHING

- **Project Design, Monitoring and Evaluation** (Masters) American University, School of International Service: Spring 2024, Fall 2017, Spring and Fall 2018, Spring and Fall 2020, Spring 2021, Fall 2024
- **Assessing Programs with RCTs: The How and the Why** (Undergraduate), American University, School of International Service: Spring 2020
- **Sustainable Economic Development** (Undergraduate), American University, School of International Service: Fall 2018
- **Introduction to Environmental Economics** (Masters), American University, School of International Service: Spring 2018, Fall 2020
- **Microeconomics and Macroeconomics for Public Policy** (Masters), Teaching Assistant, London School of Economics: 2007-08, 2009-10
- **Evaluating Social Programs** (Executive Education), Teaching Assistant, Massachusetts Institute of Technology, The Abdul Latif Jameel Poverty Action Lab, 2009
- **Principles of Econometrics** (Undergraduate), Teaching Assistant, London School of Economics, 2006-07

COUNTRY EXPERIENCE

Bhutan, China, Fiji, Kiribati, Indonesia, Italy, Jordan, Lao PDR, Marshall Islands, Nigeria, Pakistan, the Philippines, Samoa, Sri Lanka, Syria, Tuvalu, United Kingdom, Vanuatu, and Vietnam.

PROFESSIONAL EXPERIENCE (SELECTED)

○ **The Changing Wealth of Nations (CWON) project: 2021-2023**

Task team leader

- Managed the design, implementation, and fund raising (USD 3.2 million) of the CWON project
- Led the modernization of the CWON database to include renewable energy assets and carbon retention services estimates and feasibility assessments for water and aquaculture.
- Led the methodological revision of the CWON analytical framework to include (i) both purchasing power-parity based and volume-based wealth metrics, (ii) improvements in resource-rent computation, (iii) alignment with international statistical standards, and (iv) policy-contingent future wealth projections.
- Co-led a new analytical work program on strong sustainability.

○ **Understanding forests' contributions to poverty analytical program: 2016-2017**

Task team leader

Co-led the conceptualization and implementation of the program, including providing technical advice on the design and implementation of a methodology for high-frequency forest-poverty data collection, the development of an evidence map for the forest-poverty linkages, and country-level analytical work on forest-poverty linkages (Laos PDR, Turkey), and co-led the development of a theoretical framework on pathways out of poverty for the forest dependent poor.

○ **The Philippines Wealth Accounting and Valuation of Ecosystem Services (Phil-WAVES) Technical Assistance: 2012-2017**

Task team leader

Co-led the conceptualization and implementation of the Phil-WAVES Technical Assistance, and the dialogue with the government, which included the development of the first country-level ecosystem accounts, and the set-up of the first WAVES recipient-executed trust fund to support the institutionalization of natural capital accounting.

FELLOWSHIPS, AWARDS AND FUNDRAISING

- **CWON 2.0 analytical program:** Global Program for Sustainability (US\$1.7 million), PROBLUE (US\$445k), Climate Support Facility-Whole of Economy Program (US\$350k), PROGREEN (US\$330k), ESMAP (US\$200k), WAVES Plus (US\$180k), 2021-2023
- **Understanding forests' contributions to poverty analytical program:** PROFOR (US\$2.9 million), other sources (US\$240k), 2016-2017
- **Forest Carbon Partnership Facility (FCP) Readiness grant for Fiji and Vanuatu:** FCPF (US\$3.6 million) each, 2013-2015
- **Phil-WAVES technical assistance:** WAVES (US\$2 million), PROFOR (\$300k), in kind contributions from the Australian Bureau of Statistics and the European Space Agency, 2012-2017
- **Economic Research Studentship,** London School of Economics, 2007-08
- **Graduate Teaching Assistant Teaching Price,** London School of Economics, 2007
- **Tibor Scitovsky Scholarship,** London School of Economics, 2005-08
- **Inclusion in the Dean's List,** University of London, 2003
- **Modern European Studies Sessional Price,** University College London, 2001

SEMINAR AND CONFERENCE PRESENTATIONS

- World Bank-KDI Green Growth Seminar on *Implementing Effective Green Transition Policies*, Washington DC, USA, 2023.
- DG ECFIN-OGWG workshop on natural capital measurement and modeling, Brussels, Belgium, 2023
- GLASSNET Use Case Workshop *Assessing the interaction between global economy, biodiversity and ecosystems services*, Washington DC, USA, 2023.
- 28th Annual Conference of the European Association of Environmental and Resource Economists, Limassol, Cyprus, 2023.
- UN General Assembly High-level Meeting on Middle Income Countries, New York, USA, 2023.
- Global Program for Sustainability - Africa Natural Capital Accounting Community of Practice - UN Statistics Division Webinar on *Quest for Green GDP*, Washington DC, USA, 2023.
- Natural Capital Accounting Webinar for Indonesian Government, Jakarta, Indonesia/Washington DC, USA, 2023.
- US Committee for International Institute for Applied Systems Analysis (IIASA) Workshop, Washington DC, USA, 2023.
- Asian Infrastructure Investment Bank (AIIB) Seminar, Beijing, China/Washington DC, US, 2023.
- NBER-CRIW Measuring and Accounting for Environmental Public Goods: A National Accounts Perspective Conference, Alexandria VA, USA, 2023.
- Global Economy and Development Research Cluster, American University, Washington DC, USA, 2022.
- 7th World KLEMS conference, Manchester, United Kingdom, 2022
- OECD Conference on National Economic and Financial Accounts, Paris, France, 2022
- Brown University-Harvard University-UNHCR-World Bank joint Research Conference on Forced Displacement, UN City, Copenhagen, Denmark, 2020.
- Energy and Climate Policy Research Seminar, Georgetown University, Washington DC, USA, 2019.
- Global Economy and Development Research Cluster, American University, Washington DC, USA, 2019.
- DC Area Climate and Energy Research Workshop, John Hopkins University, School of Advanced Studies, Washington DC, USA, 2018.
- Georgetown Center for Economic Research 2017 Conference, Georgetown University, Washington DC, USA, 2017.
- 4th DC HELD Policy Day, American University, Washington DC, USA, 2017.
- International Society for Ecological Economics Conference, University of the District of Columbia, Washington DC, USA, 2016.
- 3rd Annual Meeting of the Policy & Technical Experts Committee of the WAVES Program, World Bank, Washington DC, USA, 2014.
- International Timber Trade Organization (ITTO) Workshop on Tracking Technologies for Forest Governance, Kuala Lumpur, Malaysia, 2012.
- Ministry of Forest Research and Development Agency, Jakarta, Indonesia. 2012.