

Steve Koller

University of Miami
Abess Center for Ecosystem Science and Policy
1365 Memorial Drive
Coral Gables, FL 33146
Climate Risks and Preparedness Lab
Environmental and Resource Economics Lab

Email: skoller@miami.edu
Website: www.stevenfkoller.com
Twitter: @stevenfkoller
Cell: +1 (917) 748-0625
Github: Steve-Koller

EDUCATION

University of Miami 2019-present
Ph.D., Environmental Science and Policy

Coursework: Ph.D. Econometrics sequence; Environmental Economics; Environmental Science; Science of Actionable Knowledge.

Advisors: Dr. Renato Molina (advisor) and Dr. Katharine Mach (co-advisor).

UC San Diego, School of Global Policy & Strategy 2017
Master of International Affairs

Coursework: Advanced Energy Systems; Applied Econometrics; Chinese Economy; Environmental Economics; International Economics; Mandarin Chinese (two years intensive); Policymaking Processes.

Full merit scholarship.

Thesis: "Evaluating Risk Discounts After Hurricane Sandy: Evidence from Property Transactions in New York City."

Penn State — University Park, Schreyer Honors College 2012
B.S., Sociology; B.A., History; Minor, International Relations

Coursework: Biology; Calculus I & II; Demography; History of Economics; Microeconomics; Macroeconomics; Race and Public Policy; Sociological Theory; Statistics.

Distinguished Graduating Senior in Sociology.

Phi Beta Kappa.

Thesis: "Home of the Brave: The Evolution of Asian and Latin American Immigration to the United States Since 1850."

PROFESSIONAL EXPERIENCE

Environmental Defense Fund, New York, NY 2017-2019
Economics and Policy Analyst

UC San Diego, San Diego, CA 2016-2017
Graduate Research Assistant; Teaching Assistant

United Nations Development Programme, Singapore
Intern

Summer 2016

Gunderson, Dettmer LLP, New York, NY
Corporate and Securities Paralegal

2013-2015

TEACHING EXPERIENCE

UC San Diego
Teaching Assistant

2017

“INTL 101—Global Environmental Problems, Environmentalisms, and the Age of the Anthropocene” with Prof. Matthew Vitz, Winter 2017. Led two weekly discussion sessions. 26/27 positive recommendations in course evaluation.

“INTL 102—Economics, Politics, and International Change: Analyzing Current Security Problems” with Prof. Barbara Walter, Spring 2017. Led two weekly discussion sessions. 27/27 positive recommendations in course evaluation.

EPIK Program, Jukrim Elementary School, Republic of Korea
Native English Teacher

2012-2013

PUBLICATIONS AND PROFESSIONAL REPORTS

Proville, Jeremy, Parkhurst, Robert, Koller, Steven, Kroopf, Sara, Baker, Justin S., and Salas, William A. “Agricultural Offset Potential in the United States: Economic and Geospatial Insights.” *EDF Economics Discussion Paper Series*. EDP 20-01. September 2020.

Lackner, Maureen, Koller, Steven, and Camuzeaux, Jonathan R. “Policy Brief—Using Lessons from Reverse Auctions for Renewables to Deliver Energy Storage Capacity: Guidance for Policymakers.” *Review of Environmental Economics and Policy* Vol. 13, No. 1, Winter 2019. pp. 140-148.

OTHER WRITING

“Corps should include nature-based and equitable solutions to flooding in Miami— Op-Ed.” *The Miami Herald*. August 14, 2020 with Nadia Seeteram.

Nature-based solutions can help New York and New Jersey adapt to rising seas and intensifying storms. EDF blog. August 19, 2019.

CONFERENCES AND INVITED PRESENTATIONS

University of Miami Graduate and Postdoctoral Research Symposium. *Compounding Climate Risks and Adaptation in Coastal Communities*. April 2021.

European Association of Environmental and Resource Economists Annual Conference. Policy Session Co-Organizer with Maureen Lackner: “*Toward 100% Clean Energy—Economic and Political Considerations for Energy Storage in Future Energy Systems*.” Manchester, United Kingdom. June 2019.

2019 Mellon Foundation Policies for Progress. Purdue University, West Lafayette, Indiana. May 2019. Recording.

PRESS AND MEDIA

“Enabling storage integration through market-driven procurements.” *Utility Dive*. Herman K. Tra-bish, February 25, 2019.

“Explore the Gowanus Canal’s Hidden Environmental History and Future at Weekend Walking Tour.” *Brooklyn Paper*. Kevin Duggan, September 9, 2020.

ONGOING WORK

Compounding Climate Risks and Climate Adaptation Infrastructure in Coastal Communities (dis-sertation research).

The Economic Costs of Frequent Tidal Flooding on Household Wealth (dissertation research).

AWARDS AND FELLOWSHIPS

U-LINK Pre-doctoral Fellow. “Next Generation of Coastal Structures: Feasibility, Quantification, and Optimization.” Two years graduate stipend. University of Miami, 2020-2021.

Gowanus Neighborhood Design Fellow. Van Alen Institute, Brooklyn, NY. 2021.

REFeree

Climatic Change

LANGUAGES AND SKILLS

English (native); basic coursework in Mandarin Chinese, Korean, Russian, Spanish.

Advanced: R, Stata, L^AT_EX, ArcGIS Pro. Basic: Python.