

# 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](mailto:skoller@miami.edu)  
Website: [www.stevenfkoller.com](http://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. Traubish, 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* (dissertation 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.

## LANGUAGES AND SKILLS

---

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

Advanced: R, Stata, L<sup>A</sup>T<sub>E</sub>X, ArcGIS Pro. Basic: Python.