Steve Koller

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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.

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

> Full merit scholarship.

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   Summer 2016
Intern

Gunderson, Dettmer LLP, New York, NY   2013-2015
Corporate and Securities Paralegal

TEACHING EXPERIENCE

UC San Diego   2017
Teaching Assistant

> "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   2012-2013
Native English Teacher

PUBLICATIONS

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. Link.

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. Link.

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. August 19, 2019.

PRESS

"Enabling storage integration through market-driven procurements" *Utility Dive*. Herman K. Trabish, February 25, 2019.

Explore the Gowanus Canal's Hidden Environmental History and Future at Weekend Walking Tour. Kevin Duggan, September 9, 2020.

ONGOING WORK

Compounding Climate Risks and Climate Adaptation Infrastructure in Coastal Communities (dissertation chapter)

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

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. May-October 2021.

LANGUAGES AND SKILLS

English (native)

R, Stata, LaTeX, ArcGIS PRO, QGIS, Python (intermediate)