

**HARVARD SEMINAR IN ENVIRONMENTAL ECONOMICS AND POLICY**  
**API-905y/Econ 3116**  
**Fall 2020 - Spring 2021**

*Nature of the Course:*

This is a year-long research seminar on topics in environmental and natural resource economics. It meets on Wednesdays from 4:30 PM to 5:45 PM. Seminars emphasize theoretical models, quantitative empirical analysis, and public policy applications, featuring presentations by invited speakers. Auditors are welcome. There will be a brief information session for students who may wish to enroll on Wednesday, September 2<sup>nd</sup>. The first meeting of seminar in the fall semester will be on Wednesday, September 9<sup>th</sup>. The fall schedule is on the following page. Zoom links for the information session on September 2<sup>nd</sup> and for all subsequent meetings of the seminar are at the Canvas course website: <https://canvas.harvard.edu/courses/74265>.

*Course Requirements:*

Registered students must enroll for the full year of the seminar and attend all sessions, which will be on line, at least during the fall semester. They prepare a research paper, an outline of which is due at the conclusion of the fall semester. Papers are due at the conclusion of the spring semester, and should be at the level of the seminar, i.e. Ph.D.-level economics. In addition, students prepare brief (two-page) essays related to each seminar presentation and discussion throughout the year. Required reading consists of papers presented at each session.

*Prerequisites:*

The course is intended primarily for Ph.D. students in economics, political economy and government, public policy, health policy, and related fields with interests in applications in the environmental and natural resource area. Prerequisites include Ph.D.-level course work in microeconomic theory, such as Economics 2010A/B, Economics 2020A/B (cross-listed as Kennedy School API-111/112), and API-109i/110i.

*Instructors:*

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*Additional Information will be available at the Course Web Site:*  
<https://canvas.harvard.edu/courses/74265>

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API-905y/Econ 3116

Robert Stavins and James Stock

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Fall 2020, Wednesday, 4:30-5:45 pm

*Support from Enel Endowment for Environmental Economics  
and the Department of Economics is Gratefully Acknowledged*

- September 2*                    **Student Information Session**
- September 9*                    **Adele Morris**, Siddhi Doshi, Brookings Institution, and Noah Kaufman, Columbia University. “Revenue at Risk in Coal-Reliant Counties.”
- September 23*                    Danae Hernandez-Cortes, **Kyle C. Meng**, University of California, Santa Barbara. “Do Environmental Markets Cause Environmental Injustice? Evidence from California's Carbon Market.”
- October 7*                        **David Popp**, Syracuse University, Francesco Vona, SciencesPo, Giovanni Marin, Universita di Urbino Carlo Bo, Ziqiao Chen, Syracuse University. “The Employment Impact of a Green Fiscal Push: Evidence from the American Recovery and Reinvestment Act.”
- October 21*                        **Antonio Bento**, Noah S. Miller, University of Southern California, Mehreen Mookerjee, Zayed University, and Edson R. Severnini, Carnegie Mellon University. “A Unifying Approach to Measuring Climate Change Impacts and Adaptation.”
- November 4*                        Thom Covert, University of Chicago, and **Richard Sweeney**, Boston College. “Winds of Change: Technical Progress and Learning in Wind Power.”
- November 18*                        **Stephie Fried**, Arizona State University, Kevin Novan, University of California, Davis, and William Peterman, Federal Reserve Board of Governors. “The Macro Effects of Climate Policy Uncertainty.”
- December 2*                        **Sarah Armitage**, Harvard University. “Technology Adoption and the Timing of Environmental Policy: Evidence from Efficient Lighting.”

Note: Name of presenter is in **Bold**.

*For further information, contact Professor Stavins at the Kennedy School, Professor Stock at the Department of Economics, or the course assistant, Jason Chapman (496-8054), or visit the seminar web site.*