

# Environmental Policy (ENV)

Students participating in the environmental policy specialization investigate the science, philosophical, legal, economic, and political dimensions of environmental issues. The program's interdisciplinary focus prepares students to work effectively with people from diverse academic, cultural, and occupational backgrounds to address the world's complex environmental challenges. Students first develop the core skills necessary for creating and implementing public policies. Then, building on these fundamentals, they focus on ecological economics, growth management, international development or other areas related to environment investment or policymaking.

## ***Environmental Policy Alumnus Jobs***

- Environmental Protection Specialist, U.S. Environmental Protection Agency
- Senior Advisor, U.S. Department of Energy
- Environmental Planner, EIA Associates
- Project Manager, Environmental Council of the States
- Program Analyst, U.S. National Oceanic and Atmospheric Administration
- Environmental Protection Specialist, U.S. National Park Service
- International Trade Specialist, U.S. International Trade Administration
- Consultant, World Bank
- Program Specialist, United Nations Development Program

## ***Specialization Director***

Matthias Ruth  
301-405-6075  
mruth1@umd.edu

## ***Typical Environmental Policy Academic Plan***

<b>Fall Semester I</b>	<b>Spring Semester I</b>
<b>Core:</b> PUAF 610 "Quantitative Aspects of Public Policy" OR 611 "Quantitative Analysis of Policy Issues"	<b>Core:</b> PUAF 641 "Macroeconomics and Policy Analysis " OR PUAF 670 "Finance"
<b>Core:</b> PUAF 620 "Political Analysis "	<b>Core:</b> PUAF 711 "Public Management & Leadership"
<b>Core:</b> PUAF 640 "Microeconomics and Policy Analysis " OR (with permission of Professor Ruth) PUAF 698x"Microeconomic Applications of Public Policy"	<b>ENV:</b> PUAF 740 "Public Policy & Environment"
<b>Core:</b> PUAF 650 "Moral Dimensions of Public Policy " OR PUAF 698x or 698x "Proseminar in Politics, Philosophy and Public Policy"	<b>ENV:</b> PUAF 741 "Global Environmental Problems"
<b>Fall Semester II</b>	<b>Spring Semester II</b>
<b>ENV:</b> PUAF 745 "Human Health and Environmental Policy"	<b>ENV:</b> PUAF 660 "Policy Workshop" or PUAF 790 "Project Course"
<b>ENV:</b> Environmental Policy elective	Three electives
Two electives	

### ***Most Popular Environmental Electives***

"Growth Management" (*Smart Growth Center faculty*)  
 "Dynamic Modeling" (*Ruth*)  
 "Quantitative Aspects of Global Environmental Problems" (*Fetter*)  
 "Ecological Economics" (*Daly*)  
 "Environment & Development" (*Hilde*)  
 "Environmental Ethics" (*Hilde*)  
 "Energy Policy" (*Filippone*)  
 "Chesapeake Bay" (*Winegrad*)  
 "Water Resources" (*Galloway*)  
 "Wildlife Conservation" (*Winegrad*)

### ***Applicable Research Centers***

Center for Information and  
 Research on Civic Learning and  
 Engagement (CIRCLE)

Institute for Philosophy and  
 Public Policy (IPPP)

National Center for Smart  
 Growth Research and Education

## ***Primary Environmental Policy Faculty***

<b>Name</b>	<b>Expertise</b>
<b>Bento, Antonio</b> <i>Assistant Professor &amp; Research Scholar, National Center for Smart Growth Research and Education</i>	land use and urban sprawl; environmental taxation and regulation; political economy of environmental regulation; fuel economy, travel demand and transportation policy
<b>Daly, Herman</b> <i>Professor</i>	ecological economics; sustainable development; environmental policy
<b>Fetter, Steve</b> <i>Dean and Professor</i>	nuclear arms control and nonproliferation; nuclear energy and radiation; climate change and energy supply
<b>Hilde, Thomas</b> <i>Visiting Assistant Professor</i>	ethics; social and political philosophy; environmental policy; international development and international affairs
<b>Metzenbaum, Shelley</b> <i>Senior Fellow &amp; Director, Environmental Compliance Consortium</i>	environmental measurement and management; public management; intergovernmental relations
<b>Nelson, Robert</b> <i>Professor</i>	land and natural resource management (with a particular emphasis on management of federally owned resources); economic ethics
<b>Ruth, Matthias</b> <i>Professor &amp; Director, Environmental Policy Program &amp; Co-Director, Master of Engineering &amp; Public Policy program</i>	industrial ecology; energy analysis; engineering-economics; dynamic modeling of natural resource use; industrial and infrastructure systems analysis; environmental policy
<b>Sagoff, Mark</b> <i>Senior Research Scholar</i>	environmental policy; environmental ethics
<b>Sprinkle, Robert</b> <i>Associate Professor</i>	Health, health systems, and health-policy history in the United States and abroad.
<b>Winegrad, Gerald</b> <i>Adjunct Lecturer</i>	chesapeake bay, wildlife conservation