

Department of Environmental Science and Policy George Mason University



Founded: Fall 2001

Department of Environmental Science and Policy

- Overall vision:
 - To provide strong undergraduate and graduate programs in an interdisciplinary environment
 - To foster and encourage faculty and student research in the disciplines
 - To especially promote and facilitate interdisciplinary research initiatives that build on the department's unique multidisciplinary composition

Department of Environmental Science and Policy

- We address complex environmental issues that challenge the integrity and sustainability of global systems through integrated research and teaching.
- We strive to provide diverse learning experiences using state of the art research facilities, diverse field sites, and nationally recognized research grants.
- We offer flexible programs in undergraduate and graduate environmental studies to accommodate traditional and nontraditional students.
- We are committed to the creation of an academic culture of mutual respect and intellectual collaboration to foster truly productive interdisciplinary research approaches which better mirror the environmental problems we seek to address
- Our graduates and faculty are active in the formulation and implementation of policies and solutions in government, industry, and non-profit organizations.

Department of Environmental Science and Policy

Four Focus Areas

Conservation Biology

Earth Science

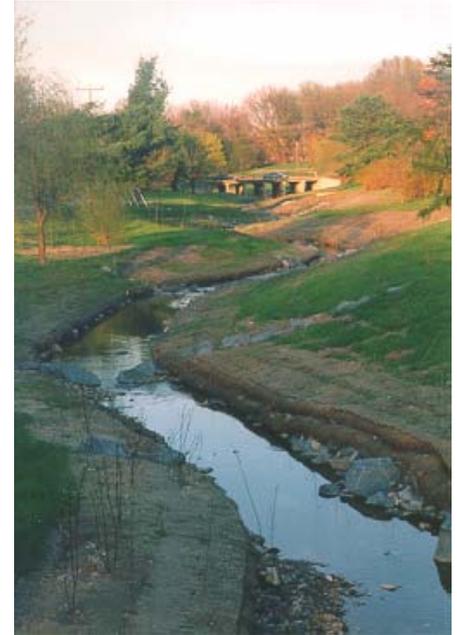
Ecology

Environmental Policy



Department of Environmental Science and Policy

- Crosscutting Themes
 - Sustainability
 - Global/International Perspective
 - Watershed Theme
 - Molecular Approaches





Department of Environmental Science and Policy

Faculty and Staff Resources

- 20 tenure and tenure track faculty
- 4 full time and 2 half time term faculty
- 16 TA's (2 GEOL 101/102, 2 EVPP 110/111, 1 EVPP misc, 11 BIOL courses)
- 1 Departmental RA, several research RA's
- 1 Research Faculty
- 5 Full-time Classified Staff
- Wages and work study employees



Undergraduate Degree Programs

- BS in Earth Science
 - Earth Surface Processes
 - Environmental Science
 - Geology
 - Earth Science Education
- BA in Geology
- BA in Environmental Science and Policy (prop)
- BS in Global and Environmental Change (prop)
- BS in Biology (shared)
- BA in Biology (shared)



Graduate Degree Programs

- MS in Environmental Science and Policy
 - ESP Concentration (research)
 - Environmental Management Concentration (professional)
- MS in Earth Systems Science
- MS in Biology (with MMB)
- Ph.D. in Environmental Science and Policy



General Education Courses

- GEOL 101/102 Introductory Geology I & II
 - About 500 students in I and 400 in II
- EVPP 110/111 The Ecosphere I & II
 - About 150 students in I and 125 in II
- BIOL 103/104 Introductory Biology I & II



Certificates and Minors

- Undergraduate Certificate in Environmental Management
- Graduate Certificate in Environmental Management
- Minor in Geology
- Minor in Earth Science
- Minor in Ocean Science



Research Infrastructure

- Molecular Environ Biology Lab
- Herbarium and Greenhouse
- Boats and vehicles
- Wetland Ecosystems Lab
- Freshwater Ecology Lab
- Vertebrate Ecology and Conservation Labs
- Coastal Geomorphology Lab
- Paleobotany Lab
- Insect, Invertebrate, and Fish Collections



GMU Campus and Collaborations

George Mason University –
Fairfax Campus

George Mason University –
Prince William
Campus

Airlie Foundation

Belmont Bay
Science Center
area

Point of View

