

DEPARTMENT OF ENVIRONMENTAL SCIENCE AND POLICY

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Administration

- A. Alonso Aguirre, Chair
- R. Chris Jones, Interim Graduate Director
- Joris L. van der Ham, Undergraduate and Graduate Coordinator

The research and development of multiple disciplines have contributed to remarkable gains in human and animal health, conservation and sustainability. However, dense human populations, unstable governments, habitat loss and fragmentation, over-exploitation of wild aquatic and terrestrial animals and plants, human-wildlife conflict, invasive species, biodiversity loss, emerging infectious diseases, environmental contaminants, and climate change have produced interacting challenges that call for broader-based and more integrated teaching, research and intervention. The Department of Environmental Science and Policy (ESP) at George Mason University believes that addressing these challenges requires diverse knowledge and expertise in natural science, social science, and public policy. Our faculty and programs reflect the need for a transdisciplinary approach to environmental science, policy and conservation.

In addition to faculty who are involved in cutting edge research, ESP has one of the largest graduate programs in the university conducting groundbreaking studies in the environmental field. The department also has increasing number of undergraduates conducting their own individual research projects or gaining experience by helping with established studies.

The proximity of George Mason to Washington, DC, gives ESP the unique opportunity to partner with governmental agencies, environmental and conservation groups and environmental-focused companies. Students can even be involved in practical study and training at the Smithsonian-Mason School of Conservation (<http://smconservation.gmu.edu>) (SMSC) and the Potomac Environmental Research Education Center (<https://cos.gmu.edu/perec>) (PEREC).

Research conducted in ESP ranges from terrestrial and marine mammal conservation to molecular and microbial ecology; from corporate environmental management and policy to the environmental perceptions and practices of indigenous peoples.

Faculty

Department Faculty

Professors

Aguirre (chair), Ahn, Crate, D. Sklarew, Jones, Lovejoy, Talbot

Associate Professors

Kim, Largen, Peters, Smith

Assistant Professors

de Mutsert, Fowler, Gallo, Glaberman, Kennedy, Salerno, Valderrama, van der Ham

Research Assistant Professors

Ren, Spooner, Wensing

Instructors

Perilla

Adjuncts

Allen, Hartl, Prasad, Sample, J. Sklarew

Emeritus Professors

Bradley, Ernst, Jonas, Kelso, Shaffer, Skog, Torzilli

Other Environmental Program Faculty Professors

Adelman, Chandhoke, Conant, Conlan, Cook, Dukes, Foster, Gerber, Gifford, Gillevet, Gusterson, Haack, Hart, Houck, Jacobsen, Lawrey, Maibach, Maxwell, Metcalf, Olds, Pawlowski, Peters, Posner, Qu, Regan, Rockwood, Rosenberger, Rowan, Seto, Storr, Stough, Taylor, Willett, Wingfield, Wong

Associate Professors

Addleson, Beghi, Baranova, Birchard, Christensen, Curtin, Freeman, Fryxell, Fuertes, Gilmore, Guagnano, Honeychuck, Kozlowski, LaPorte, McBride, Meyer, Muir, Nord, Paden, Uhen, Venigalla, Verardo, Weatherspoon, Weeks, Wood, Zolnick

Assistant Professors

Akerlof, Forkner, Frankenfeld, Kysar-Mattietti, Lessard-Pilon, Luther, McNeil, Rice, Schoeny, Srikantia, von Fricken

Affiliate Faculty

Abidoye, Akob, Allen, Bauer, Brown, Buchanan, Buchino, Campana, Comiskey, Dowssett, Fisher, Guala, Helgen, Jonas, Kolowski, Laurance, Lee, Leimgruber, Luksenburg, Malcom, Manca, Marra, McShea, Megonigal, Monfort, Munigandondh, Murray, Noe, Ogburn, Seidensticker, Shields, A. Smith, C. Smith, Sohmer, Torzilli, Waters

Programs

- Conservation Biology Minor
- Conservation Studies Minor (COS)
- Environmental Policy Minor
- Environmental Science Minor
- Environmental Science and Policy, MS
- Environmental Science and Public Policy, PhD
- Environmental Science, BS
- Environmental and Sustainability Management Graduate Certificate (pending SCHEV approval)
- Environmental and Sustainability Studies, BA (COS)
- Sustainability Studies Minor
- Sustainable Enterprise Minor

Note:

Department of Environmental Science and Policy also works closely with and provides administrative input to the Biology, BS Environmental and Conservation Biology Concentration (ESCB).