

# Smithsonian-Mason Global Conservation Studies Programs

SMITHSONIAN INSTITUTION & GEORGE MASON UNIVERSITY

GRADUATE/  
PROFESSIONAL  
OPPORTUNITIES

## EVPP 505 Selected Topics in Environmental Science and Policy: Habitat Assessment, Restoration, and Management

**Instructor:** Dr. Francisco Dallmeier, Smithsonian Institution

**Credits:** 3 credit graduate course or non-credit

**Date/Time:** 6/2-6/13/09 in residence (note that some work will be submitted electronically through 6/27/09)

**Location:** Smithsonian Conservation and Research Center in Front Royal (resident)

**Information and Special Registration Instructions:** [amarchan@gmu.edu](mailto:amarchan@gmu.edu) or contact the Office Continuing and Professional Education at 703-993-2109

### Overview

Given widespread habitat loss, fragmentation and degradation in light of the vital, functional role of habitat in maintaining biodiversity, this course will detail how to evaluate, manage, and restore terrestrial habitats. This course will first build a foundation in the monitoring and assessment of terrestrial habitats through the practice of field techniques, then examine the most recent research and best management practices in the complex fields of restoration and management. This course will explore GIS and other useful technologies in measuring, mapping, and modeling vegetation and habitat. Through participation in lectures, field work, and computer modeling, complemented by discussions of relevant case studies from around the world, course participants will be prepared to apply their practical skills and theoretical knowledge to assessing, managing, and restoring diverse habitats of conservation concern.



Training current and future generations in conservation studies.

William Tidwell, Smithsonian-Mason Semester Student



The 3200 acre campus of the Smithsonian National Zoo's Conservation and Research Center (CRC) is the hub for initiatives to protect species and habitats.

Jessie Cohen, Smithsonian's National Zoo

### Prerequisites

Students should have a general biology, ecology, botany or related course and lab; preferably students will have some familiarity with experimental design and statistics.

### For more about our programs

<http://mccs.gmu.edu>

<http://conservationtraining.si.edu>



Smithsonian  
National Zoological Park

**Ms. Jennifer Buff**  
Academic Programs  
Manager

National Zoological Park

(540) 635-6561

[buffj@si.edu](mailto:buffj@si.edu)



**Dr. Anne Marchant**  
Associate Director

Mason Center for  
Conservation Studies

(703) 993-1526

[amarchan@gmu.edu](mailto:amarchan@gmu.edu)