

PETER A. CADA

<http://www.duke.edu/~pac10/>

Mobile: 202.256.7073 ~ peter.cada@duke.edu

Career Interests: watershed management; water resources planning and management; riparian zone restoration and management.

EDUCATION

MASTER OF ENVIRONMENTAL MANAGEMENT, expected - May 2007

Duke University, Nicholas School of the Environment and Earth Sciences, Durham, NC

CERTIFICATE IN GEOSPATIAL ANALYSIS, expected - May 2007

Concentration: Water Resources Management

Coursework in soil resources, watershed management, stream ecology, eco-hydraulics, environmental law, and land use policy.

Research Assistant - Duke University and Forest Ecology Laboratory, 2005 – 2006

Teaching Assistant - GIS for Water Resources, spring 2007

BACHELOR OF SCIENCE, May 1995

University of Maryland, College of Agriculture, College Park, MD

Concentration: Natural Resources Management and Geomorphology

Coursework in hydrology, geology, geomorphology, biology, chemistry, economics, and environmental policy.

Study abroad in Belize, Northeast Marine Environmental Institution, 1994

CAREER EXPERIENCE

- 05/2006 to present **Research Associate**, Duke University, Bernhardt Biogeochemistry Lab, Durham, NC
- Physically mapped and modeled hydrology of stream ecosystems.
 - Performed experiments to estimate whole-stream nutrient uptake and metabolism.
- 05/2005 to present **Research Associate**, Duke University, Forest Ecology Laboratory, Durham, NC
- Collected and analyzed soil and water samples from a long-term soil experiment.
 - Researched and maintained online database of long-term soil experiments. (<http://ltse.env.duke.edu/>)
- 08/2002 to 06/2004 **Teacher**, Franklin Barn Children Center, Herndon, VA
- Conducted and led scientific investigations of natural resources with a kindergarten audience to aid in the understanding of air, land, water and human impacts on surrounding environments.
 - Monitored climate with and educated students on the effects of weather on natural resources.
 - Observed and studied fundamental botany, entomology and ornithology in surrounding environment.
- 01/2002 to 05/2002 **Field Research Intern**, Wetland Studies and Solutions, Inc., Chantilly, VA
- Implemented soil erosion, water level, flood, alien vegetation, and beaver control measures.
 - Managed wetland and upland riparian buffer zones vegetation coverage.
- 04/1997 to 08/1997 **Intern Scientist**, ATC Associates, Columbia, MD,
- Analyzed environmental concerns such as: underground storage tanks, above ground storage tanks, utilities, waste management, chemical handling, (PCBs), and suspect asbestos-containing materials.
 - Performed topographic, hydrologic, historic land use, aerial photographic, soil survey, National Wetlands Inventory map, and federal, state, and local regulatory database reviews.
- 05/1996 – 09/1996 **Field Research Intern**, USDA, NRCS, Wetland Science Institute
- Surveyed water quality, groundwater levels, soil, vegetation, and macro-invertebrates.

MANAGEMENT EXPERIENCE

- 06/2004 – 05/2005 **Assistant Manager**, Cassatt's Café, Arlington, VA
- Managed restaurant personnel, operations, and supply levels.
- 06/1999 – 08/2002 **Head Waiter**, Xando Cosi Café, Arlington, VA
- Managed restaurant operations and supply levels. Trained newly hired employees.
- 05/1998 – 06/1999 **Assistant Manager**, Cedar Point Retreat Center, Royal Oak, MD
- Managed retreat center personnel, operations, and supply levels.
- 03/1997 – 05/1998 **Shift Manager**, 49 West Café and Winebar, Annapolis, MD
- Managed restaurant personnel, operations, and supply levels.

PRESENTATIONS: “Changes in Stream Ecosystems as a Function of Urbanization: Potential Recovery Through Stream Restoration” Poster at 2006 NC SRI Conference.

ADDITIONAL INFORMATION: Proficient with ArcGIS 9.2; OTIS-P; TAS; MS Access, Excel, PowerPoint, and Word. Led 12-day backcountry camping expedition in Montana wilderness. Mentored young Tibetan refugees in northern India.