

## JEAN LEE

jean.lee@duke.edu

*Career interests:* Biodiversity assessments; ecosystem management; conservation planning; protected areas.

### EDUCATION

#### **MASTER OF ENVIRONMENTAL MANAGEMENT**, May 2008

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

*Concentration:* Ecosystem science and management. Studied biogeochemistry, GIS, applied data analysis, landscape ecology, ecosystem based marine management, adaptive management, forest ecosystems, tropical forest ecology.

*Honors:* United States Forest Service Asian American Fellowship, 2007-2008;  
Nicholas School Merit Scholarship, 2006-2008.

#### **BACHELOR OF ARTS**, May 2005

Columbia University in the City of New York, Columbia College New York, NY  
Major: Ecology, evolution, and environmental biology.

*Minors:* Environmental science and Anthropology.

*Senior thesis:* The effects of water flow on coral and algae growth and its implications for conservation zone planning in Glover's Reef, Belize.

### PROFESSIONAL EXPERIENCE

#### **International Resource Management Research Assistant**

*National Taiwan University.* NSF-funded. Conducted migratory and residential bird population analysis and analyzed data to determine effects of urbanization on bird species and ecosystem health. Examined how development of surrounding area would affect wetlands and migratory bird population. Research showed an initial sharp decline and predicted a gradual decline for the next 50 years. Summer 2007 *La Selva Biological Research Station, Costa Rica.* Investigated role of palm fruits in the carbon cycle. Implication for global climate change and determining if forests are a carbon source or sink. Heightened intellectual curiosity to critically think about community level interactions that could affect and influence research. Summer 2007 *Glover's Reef Marine Research Station, Wildlife Conservation Society, Belize.* Research aimed to shed insights for appropriate placement of protected areas using fish and coral diversity assessments. Researched effects of water flow and increased nutrients on growth and diversity of coral and algae. Completed fieldwork on time with limited supervision in remote area, requiring innovation and competence in judgment. Summer 2004

#### **Outreach Intern**, Union of Concerned Scientists, Cambridge, MA

Conducted research and literature reviews on the implications of rising temperatures on health and city planning. Drafted talk sheets and interview questions to formulate outreach plan to reach NGO and government sectors. Summer 2006

#### **Research Assistant**, Joshua Tree National Park, Twenty-nine Palms, CA

Led an insect diversity research team studying the role of invasive insects on overall diversity. Managed a \$2000 materials budget and wrote project proposal for research authorization to work on public lands. Spring 2006

#### **Environmental Educator**, Pickering Creek Audubon Center, Easton, MD

Taught water chemistry, entomology, and natural history of the area. Fall 2005

### ADDITIONAL INFORMATION

Graduate Resident Advisor, Duke University: Led teams of resident advisors in conflict resolution and programming, 2007-2008; Columbia University Resident Advisor. SCUBA certified.

Microsoft office suite, Matlab, SPSS, STATA, GIS.

Fluent in Mandarin, proficient in Spanish.