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Biodiversity & Spatial Information Center
North Carolina State University
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RESEARCH INTERESTS

Conservation planning, the evaluation of natural resource management, stakeholder involvement within the decision making process, expert elicitation, and conservation biology

EDUCATION

NC State University, Department of Forestry and Environmental Resources
M.S., Natural Resource Management Fall 2007 – Spring 2010

- Thesis: Measuring conservation success at the local land conservancy level
- Advisor: Dr. George Hess

NC State University, Department of English
B.A., English Fall 1998 – Summer 2002

RESEARCH & PROFESSIONAL EXPERIENCE

Biodiversity and Spatial Information Center, Department of Biology, NC State University, Raleigh, NC

Conservation Planner Jan 2011 - Present

- Develop conservation plans and monitoring programs for a broad suite of wildlife species, including endangered species, for the Environmental Decision Analysis Team
- Conduct expert-elicitation to support structured decision making

Biodiversity and Spatial Information Center, Department of Biology, NC State University, Raleigh, NC

Research Technician Aug 2010 – Dec 2010

- Applied structured decision within the Open Standards for the Practice of Conservation framework to develop recommendations for the design of marine protected areas within the Caribbean

Conservation International, Science and Knowledge Division, Washington, DC

Internship Jun 2010 – Sept 2010

- Identified metrics to evaluate conservation sites contribution to the Critical Ecosystem Partnership Fund
- Built GIS database cataloging spatial data for international conservation sites

Wake County Parks, Recreation and Open Space Program, Raleigh, NC

Open Space Program Assistant Nov 2006 – July 2010

- Created conservation management and monitoring plans to steward open space properties

Research & Professional Experience, continued

Greenfield Advisors, Seattle, WA

Senior Research Analyst Assistant

Mar 2005 – Mar 2006

- Contributed to research for highest and best use values for niche market properties

Earth Share of Washington, Seattle, WA

Internship

Sep 2004 – Feb 2005

- Wrote series of articles for website publication emphasizing environmental issues

EarthCorps, Seattle, WA

Project Manager

Jan 2003 – Feb 2005

- Served as consultant and crew supervisor for various restoration projects within King County

AmeriCorps Volunteer

- Designed and implemented restoration projects, including habitat and stream restoration, trail construction, and planting plans

TEACHING EXPERIENCE

NC State University, Department of Biology

*Teaching Assistant for Evolution, Behavior,
and Ecology Lab*

Fall 2009 - Spring 2010

- Taught and supervised undergraduate activities including field experiments to demonstrate ecological theory and practice

NC State University, Department of Forestry and Environmental Resources

*Teaching Assistant for Special Topics in
Natural Resources: Measuring
Conservation Success*

Fall 2010

- Co-development and instruction of a graduate-level course with Dr. George Hess

NC State University, Department of Forestry and Environmental Resources

*Teaching Assistant for Natural Resource
Measurements*

Spring 2009

- Assisted undergraduate students with development and testing of tools for measuring conservation success for a local land trust

PRESENTATIONS & INVITED TALKS

“Using Quantitative frameworks to ask quantitative questions”, oral presentation, *Symposium on Expert Elicitation Research: Methodology and Applications*. Queensland University of Technology, Brisbane, Australia, February 2011

L. Alexander

Presentations & Invited Talks, Continued

“Charting the course for conservation: How North Carolina Land Trusts Measure Conservation Success”, poster presentation, *National Council of Science and the Environment*, Washington, DC. December 2008

“Conservation value scorecards”, presentation of research and seminar co-organizer with Dr. George Hess, Special Topics in Natural Resources class seminar. NC State University, Raleigh, NC. December 2008

“Measuring conservation success”, presentation of research, *guest lecturer for graduate class*. Duke University, Durham, NC. September 2008

PUBLICATIONS

Alexander, L. and Hess, G. 2011. Are Local Land Trusts Attaining Their Conservation Goals? *Conservation Biology*, *In Revision*