

Eve T Bohnett

University of Florida
Department of Landscape Architecture
Florida Institute for Built Environment Resilience
Center for Landscape Conservation Planning

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Research interests: biodiversity conservation, landscape ecology, community ecology, statistical ecology, conservation planning, network science, sustainable development

EDUCATION

UNIVERSITY OF FLORIDA, Gainesville, Florida AUG 2016-NOV 2020

PH.D. Department of Landscape Architecture

TSINGHUA UNIVERSITY, Beijing, China SEPT 2015- JULY 2016

Department of Environmental Management and Engineering

BEIJING FORESTRY UNIVERSITY, Beijing, China SEPT 2012-JULY 2015

M.SC Department of Nature Conservation

UNIVERSITY OF CALIFORNIA, Santa Cruz, California SEPT 2001- JUNE 2006

B.SC Department of Plant Sciences, Minor: Literatures

THESES

PH.D. Dissertation: *Determining sampling and analytical scale in complex spatiotemporal ecological models.*

M.SC Thesis: *Large and Medium-Sized Terrestrial Mammal Assessment Using Camera Traps in Nangunhe Nature Reserve, Yunnan Province & GaoTianYan Nature Reserve, Jiangxi Province.*

B.SC Thesis: *GIS Initiative for Invasive Species to Inform Environmental Management*

GRANTS, HONORS AND AWARDS

Network Science Fellowship- University of Colorado

China Government Scholarship- Tsinghua University

China Government Scholarship- Beijing Forestry University

Chancellors Undergraduate Internship Award- University of California, Santa Cruz

COMPUTER SKILLS:

STATISTICS AND DATA: Program R, Python, SQL, PhpMyAdmin, UNIX Shell, Microsoft Excel

GIS AND REMOTE SENSING: ESRI ArcGIS, ArcGIS Pro, QGIS, ERDAS Imagine

LANGUAGE SKILLS:

CHINESE: Advanced HSK 5

RESEARCH EXPERIENCE

- POSTDOCTORAL RESEARCHER** SAN DIEGO STATE UNIVERSITY JUL 2020-PRESENT
- Research and analysis for projects regarding payments for ecosystems services projects in China.
- SNOW LEOPARD CAMERA TRAP DATA ANALYST** WILDLIFE CONSERVATION SOCIETY JUL 2020-PRESENT
- Performed individual identification of snow leopards and spatial capture-recapture analysis.
- STUDENT SERVICE CONTRACTOR** USGS Wetlands and Aquatics Center SEPT 2018-SEPT 2020
- Performed statistical modeling for piping plover and other migratory shorebird datasets.
- GRADUATE RESEARCH ASSISTANT** UNIVERSITY OF FLORIDA AUG 2016- MAY 2017
- Compiled connectivity models and RSFs using GPS collaring bison/elk in an anthrax risk zone
- GRADUATE RESEARCH ASSISTANT** TSINGHUA UNIVERSITY AUG 2015-JULY 2016
- Assisted with Asiatic black bear and snow leopard studies. Analyzed road impact data.
- GRADUATE RESEARCH ASSISTANT** WILDLIFE INSTITUTE (BJFU) SEPT 2012-JUNE 2015
- Performed camera trap fieldwork and analyses for species richness and occupancy analysis in China.
- LANDSCAPE MANAGEMENT INTERN** UNIVERSITY OF CALI., SANTA CRUZ AUG 2005-JUNE 2006
- Developed a GIS protocol for invasive species impacts on coastal terrace prairie/Ohlone tiger beetle.

TEACHING EXPERIENCE:

- GRADUATE TEACHING ASSISTANT** UNIVERSITY OF FLORIDA MAY 2019-PRESENT
- Graduate Advanced Landscape Design Studio course (Spring 2020) and Course Development
- GRADUATE TEACHING ASSISTANT** UNIVERSITY OF FLORIDA AUG 2017-MAY 2018
- Undergraduate experimental biology lab (Fall 2017, Spring 2018, Fall 2018, Spring 2019)
- GRADUATE ENGLISH ASSISTANT** TSINGHUA UNIVERSITY AUG 2015-JUL 2016
- Assisted with training Chinese graduate students in oral English and MOOC Instructor
- ENGLISH TUTOR** BEIJING FORESTRY UNIVERSITY AUG 2013-JUL 2015
- Assisted tutoring Chinese middle school and undergraduate students in oral English.
- ENGLISH TUTOR** BEIJING MAYFLOWER INTERNATIONAL SCHOOL DEC 2012- FEB 2014
- Assisted with tutoring Chinese high school and middle school students in oral English.

FIELD WORK: FORESTRY AND WILDLIFE BIOLOGY EXPERIENCE:

- CENTRAL COAST RELIABILITY INSPECTOR** ACRT INC JAN 2009- OCT 2010
- Performed reliability forestry surveys in hazard areas. Issued environmental permits.
- PERMANENT FORESTRY PLOT INTERN** UNIVERSITY OF HAWAII, HILO AUG – NOV 2008
- Measured, tagged, and mapped trees in a permanent tropical forest plot.
- WILDLIFE BIOLOGIST** TURNSTONE ENVIRONMENTAL CONSULTANTS MAY- AUG 2008
- Conducted point counts for seabird, Marbled Murrelet, *Brachyramphus marmoratus*,
- PROJECT MANAGEMENT TECHNICIAN** WESTERN ENVIR.CONSULTING OCT 2007- MAY 2008
- Conducted arborist surveys of street trees for utility forestry. Issued routine permits.
- RESEARCH ASSOCIATE** THE GREAT BASIN INSTITUTE FEB -JUNE 2007
- Surveyed line transects for population density of the Desert Tortoise, *Gopherus agassizii*
- RESEARCH ASSISTANT** BIG CREEK RESERVE AND LAND TRUST JUNE- SEPT 2006
- Collected habitat data and created GIS for invasive plant, *Ageratina adenophora*
- LABORATORY ASSISTANT** UNIVERSITY OF CALI, SANTA CRUZ SEPT 2002-JUNE 2003
- Performed water quality monitoring and organic agriculture related lab work.

PROFESSIONAL SERVICE EXPERIENCE:

INSTRUCTOR DATA CARPENTRIES

MAY 2019-PRESENT

- Instructor and Organizer for Data Science Workshops (7 inperson and 5 online workshops)
- UF Carpentries Club Board of Directors

BIODIVERSITY INT'L LAW INTERN Pro. Assoc. for China's Envir. (PACE)

AUG 2019-PRESENT

- Compiled documents and performed a literature review about multilateral environmental law

COMMUNICATIONS JOURNAL OF INTEGRATIVE PLANT BIOLOGY

AUG-DEC 2013

- Edited scientific journal articles and drafted emails.

WRITER/EDITOR IUCN CHINA

SEPT 2013-FEB 2014

- Wrote and edited a grant about watershed ecological restoration for megacities.

PRESENTATIONS AND WORKSHOPS DELIVERED:

Presentations:

Sustainable Cities and Biodiversity.

Nov 2019

International Youth Innovation Conference, Shenzhen.

Network analysis and Landscape Connectivity.

AUG 2018

Visible Network Labs. Three-day workshop for Network Science. University of Colorado, Denver

Ecology and conservation of clouded leopard (*Neofelis nebulosa*) and sympatric

NOV 2013

felid species in China. National Assembly of the Ninth National Wildlife Ecology and Conservation of Mammals. China Zoological Society.

PUBLICATIONS:

In review:

- **BOHNETT, E** Hulse, D Ahmad, B Mammo, S Fandjinou, K Hctor, T. (In Review) Determining Covariate Effects on Community-level Species Richness for the Carnivore Community in Bukit Barisan Seletan National Park, Sumatra, Indonesia. *Journal of Asia Pacific Biodiversity*
- Tolesa, A Mammo, Siraj **BOHNETT, E** (Accepted) Assessing the Effectiveness of Watershed Management Intervention on Physicochemical Properties of Soil in Ejersa Lafo District, West Shoa Zone, Ethiopia. *Heliyon*

Published:

- **BOHNETT, E** Hulse, D Ahmad, B Hctor, T (2020) Multi-level, Multi-scale resource selection modeling and predictive mapping for Jaguars in the Brazilian Pantanal. *Open Journal of Ecology*
- Fandjinou, K Zhang, K Folega, F Yang, X, Wala, K, **BOHNETT, E** Akpagana, K. (2020) Assessing the Farm Communities' Dependency on the Tropical Protected Forest of Missahohe in Togo, West Africa. *Open Journal of Ecology*.
- Ahmad, B Wang, Y Hao, J Liu, Y **BOHNETT, E** Zhang, K (2019) Optimizing Stand Structure for Tradeoffs between Overstory and Understory Vegetation Biomass in Larch Plantation of Liupan Mountains, Northwest China. *Scientific Reports*.
- Ahmad, B Wang, Y Hao, J Liu, Y **BOHNETT, E** Zhang, K (2018) Optimizing Stand Structure for Tradeoffs between Timber Production and Understory Plant Diversity : A Case Study of Larch Plantation in Northwest China. *Journal of Land Degradation and Development*.
- **BOHNETT, E** Riordan, P Shi, K (2015) Initial Assessment on Large and Medium Sized Terrestrial Mammal Assemblage Using Camera Trapping in Nangunhe Nature Reserve in Yunnan, China. *Journal of Resources and Ecology*. 6 (5) 331-344