

KATHLEEN A. THEOHARIDES

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PROFESSIONAL EXPERIENCE

THEOHARIDES CONSULTING

Principal Consultant

Grafton, MA

June 2010 – Present

- Clients include Harvard Forest, Defenders of Wildlife, NeighborSpace Baltimore, Mission:Wildlife, Patuxent Tidewater Land Trust, Sand County Foundation, and the Catoctin Land Trust
- I specialize in translating science into conservation policy and planning guidance, policy analysis, conservation planning and GIS-based mapping and modeling, climate change adaptation, species and habitat vulnerability assessments, project management, and writing and editing services.

THE HILLTOWN LAND TRUST/THE TRUSTEES OF RESERVATIONS

Executive Director/Community Conservation Coordinator

Ashfield, MA

July 2010 – March 2011

- Development of a strategic conservation plan including planning workshops, facilitation of the conservation visioning process, and GIS-based development of priority maps
- Oversight of HLT's conservation restriction program, monitoring program, and day-to-day operations
- Engagement with local communities, donors, and partners

DEFENDERS OF WILDLIFE

Conservation Planning Associate/Climate Change Associate

Washington, DC

February 2008 – June 2010

- Expertise in state wildlife action plans and local, state and national conservation plans and policies
- Design of climate change adaptation strategies, plans, and policy
- Writing and research to develop white papers, fact sheets, congressional testimony, and reports
- Facilitation and content development for workshops with National Wildlife Refuge Managers, state and federal agency representatives, land trusts, and local stakeholders
- Analysis and creation of spatially explicit conservation plans using raster-based GIS and decision tools
- Experience with vulnerability assessment tools and scenario planning for climate change adaptation
- Extensive work synthesizing expert and stakeholder interviews
- Expertise in farm bill conservation program and other conservation incentive programs

SUSTAINABLE AGRICULTURE COALITION

Policy Intern

Washington, DC

September 2007-December 2007

UNIVERSITY OF MASSACHUSETTS-BOSTON

Laboratory Technician/Teaching Assistant

Boston, MA

November 2004-May 2007

NORWICH CONSERVATION COMMISSION

Field Research Assistant

Norwich, VT

May 2004-Oct. 2004

DARTMOUTH COLLEGE

National Science Foundation Research Assistant for Dr. Matt Ayres

Hanover, NH

June 2004-Sep. 2004

HARVARD UNIVERSITY, HARVARD FOREST

NSF Research Experience for Undergraduates Program

Petersham, MA

June 2001-September 2001

EDUCATION

UNIVERSITY OF MASSACHUSETTS-BOSTON

Environmental Biology, Master of Science

Boston, MA

January 2005-May 2007

- Research on climate change, invasive plants, landscape ecology, and spatial patterns of biodiversity
- Recipient of National Science Foundation Graduate GK-12 Teaching Fellowship

DARTMOUTH COLLEGE

Bachelor of Arts in Ecology and Evolution, Biology Program

Hanover, NH

September 2000 - June 2004

DUKE UNIVERSITY NICHOLAS SCHOOL OF THE ENVIRONMENT <i>GIS-Based Analysis for Conservation Management, Environmental Leadership Program</i>	Durham, NC July 2008
NATIONAL CONSERVATION TRAINING CENTER <i>Addressing Climate Change using the Green Infrastructure Approach</i> <i>Strategic Conservation Using the Green Infrastructure Approach</i>	Shepardstown, WV April 2010 April 2008
UNITED STATES DEPARTMENT OF AGRICULTURE GRADUATE PROGRAM <i>Intermediate Statistics</i>	Washington, DC January-April 2008
HARVARD UNIVERSITY LANDSCAPE INSTITUTE <i>Introduction to Landscape Design: Studio Course</i>	Cambridge, MA January 2007- June 2007

PUBLICATIONS

- Theoharides, K.A. 2014. Seeds of Resilience: Safeguarding Wildlife and Habitat from Climate Change through the Farm Bill Conservation Programs. Defenders of Wildlife, 1130 17th St NW, Washington, DC.
- DeWan, A., N. Dubois, K. Theoharides and J. Boshoven. 2010. Understanding the Impacts of Climate Change on Fish and Wildlife in North Carolina. Defenders of Wildlife, 1130 17th St NW, Washington, DC.
- Dukes et al. 2009. Responses of pests, pathogens and invasive species to climate change in the forests of Northeastern North America: What can we predict? Canadian Journal of Forestry Research 239: 231-238.
- Theoharides, K., G.Barnhart & P.Glick. 2009. Climate Change Adaptation across the Landscape: A survey of federal and state agencies, conservation organizations and academic institutions in the United States. Defenders of Wildlife, 1130 17th St NW, Washington, DC.
- Theoharides, K.A.& J.S. Dukes. 2007. Plant invasions across space and time: Factors affecting non-indigenous plant success across four stages of invasion. New Phytologist 176 (2): 256-273.
- Kehas, A.J., K.A. Theoharides, and J.J. Gilbert. 2005. Effect of sunlight intensity and albinism on the covering response of the Caribbean sea urchin *Tripneustes ventricosus*. Marine Biology. 146: 1111-1117.

REPRESENTATIVE PRESENTATIONS

- "The Conservation Registry: A Tool for Tracking Conservation Actions." Massachusetts Department of Fish and Game, Westborough, MA. May 10, 2012.
- "Why We Need Winter: An Exploration of Climate Change in Western Massachusetts." Trustees of Reservations, Ashfield, MA. January 22, 2011.
- "Strategic Conservation Planning for Land Trusts: A Case Study." Land Trust Alliance Rally, Hartford, CT. October 5, 2010.
- "Overview of Tools for Completing Vulnerability Assessments." Fish and Wildlife Service SE Region Climate Adaptation Workshop. Georgetown, SC. January 24-28 2010.
- "Sea Level Rise in the Chesapeake Bay: Adaptation Strategies for Coastal Marshes." Lower Shore Land Trust Strategic Planning Workshop, Salisbury, Maryland. May 14, 2009.
- "Strategic Conservation Planning for Green Infrastructure and Biodiversity." Capital Region Land Trust Strategic Planning Workshop, Richmond, Virginia. April 15, 2009.
- "Adaptation Strategies for Coastal Systems in the Chesapeake Bay." Chesapeake Marshlands National Wildlife Refuge Complex 6th Annual Science Meeting. Wye Mills, Maryland. March 18, 2009.
- "Climate Change Adaptation Across the Landscape: A Survey of Professionals." Plenary Session, Adaptation 2009, Washington, DC. February 18, 2009.
- "Implementing the State Wildlife Action Plans." Land Trust Alliance Rally, Pittsburgh, PA. September 21, 2008.
- "Climate Change and Plant Invasions: A Recipe for Disaster?" Defenders of Wildlife Climate Change Brown Bag Series, Washington, D.C. August 28, 2009.

"Linking Farm Bill Conservation Programs to the State Wildlife Action Plans." Blufflands Alliance Meeting, Wisconsin. May 18, 2008.

AWARDS AND FELLOWSHIPS

- National Science Foundation Graduate Research Fellowship Honorable Mention 2006
- National Science Foundation Travel Scholarship 2006
- National Science Foundation GK-12 Program Teaching Fellowship 2005
- Graduate Student Assembly Professional Development Grant
- Invasive Plant Atlas of New England Student Scholarship 2005
- Dartmouth College Presidential Scholar Apprenticeship 2002
- National Science Foundation Research Experience for Undergraduates 2001

PROFESSIONAL SERVICE

- Grafton Conservation Commission Member, June 2014 - Present
- Westborough Conservation Commission Member, April 2013 - October 2013
- Editorial board for the *Journal of Conservation Planning*, 2010
- Reviewer for *Ecological Applications*, *Biological Conservation*, *Frontiers in Ecology and the Environment*, *Plant Biology*, *Journal of Conservation Planning*, and *Northwest Science*
- Advisory board for the National Council of Science and the Environment's Wildlife Habitat Policy Research Program, 2008-2009

COMPUTER SKILLS

- Analysis and Modeling: ArcGIS, JMP, Maxent, NatureServe CCVI, Miradi
- Microsoft: Excel, Word, Powerpoint, Outlook, Access
- Creative Suites: Adobe Illustrator