



Clarifying Uncertainty

Field Notes from Tackling Climate Change Across the US

MON-A03

22 October 2018

8:00 a.m. - 9:30 a.m.

1^o Topic: Climate Resiliency

2^o Topic: Preservation & Restoration

Climate change can seem overwhelming and daunting. How can we, with other professionals and local communities, fight the impacts of climate change on treasured natural and cultural landscapes?

This panel discussion will highlight approaches and tools being used to address climate change in different places around the country by a diverse group of professionals including a community planner engaging local citizens, an urban anthropologist working with challenged communities, and a historical landscape architect working with the National Park Service. Tackling the impacts of climate change on landscapes requires tools of diverse professionals and community members crossing professional and regional boundaries, illustrating how landscape architects can work with colleagues in other fields.

SESSION OUTLINE

I. Introduction

II. Panelist Talks

Robert Z. Melnick | *Addressing Climate Change in Cultural Landscapes in the National Parks*

Lisa M. Craig | *Public Input in the Annapolis hazard mitigation plan: visual preferences, story mapping and graphic facilitation*

Mario Longoni | *Approaches and Tools for Community Based Climate Action*

III. Panel Discussion (example topics)

- What has been the biggest challenge you've faced when addressing climate change planning?
- What other projects, communities, or organizations have you been influenced by? Why?
- What works best with community members? What does not?
- Preparing for climate change is not a solitary endeavor, what partnerships have been most valuable to the work you've done to date?

IV. Audience Q&A

LEARNING OBJECTIVES

Identify the complexity of regional and local climate change impacts

Learn effective approaches and resources for involving communities in planning for, and responding to climate change

Learn the power of "place making" that addresses concerns by building on local identity

Learn how to access publicly available resources to understand climate impacts on local communities



PANELISTS

Lisa M. Craig serves as Director of Resilience with Michael Baker International. Lisa supports the firm’s design, planning, architectural and environmental services with her expertise in historic preservation, community engagement, resilience planning and local government. Before joining Michael Baker, she served as Chief of Historic Preservation for the City of Annapolis. She spearheaded the *Weather It Together* initiative, a Cultural Resource Hazard Mitigation Plan identified by the National Trust for Historic Preservation and the Federal Emergency Management Agency as a national model for resiliency planning. Nationally, she serves as Chair of the Cultural Heritage and Climate Change Committee on the Board of the US International Committee on Monuments and Sites and as a workshop trainer for the National Alliance of Preservation Commissions.

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Mario Longoni is the Urban Anthropology Manager in the Keller Science Action Center at the Field Museum in Chicago. Whether conducting social research, collaborating to create culturally based programming, or helping community organizations increase their capacity, Mario works from a central tenant of cultural anthropology that communities possess the knowledge and capacity they need to address most challenges. Mario has conducted research into topics ranging from housing access, to fish consumption, and urban resilience in the face of climate change. Programs he has helped shape include *Cultural Connections*, with a focus on cross-cultural comparisons, and *Green Ambassadors* that brings teens into Chicago’s near green spaces to develop their leadership and place making skills. Much of his current efforts focus on supporting the creation of a Calumet National Heritage Area.

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Robert Z. Melnick, FASLA is a Senior Cultural Resource Specialist with MIG, Inc., and Professor Emeritus of Landscape Architecture at the University of Oregon. Melnick is co-editor of the award-winning book, *Preserving Cultural Landscapes in America* (2000), primary author of *Climate Change and Cultural Landscapes: A Guide to Research, Planning and Stewardship* (2017) and principle investigator for the ASLA award-winning *Study of Climate Change Impacts on Cultural Landscapes in the (NPS) Pacific West Region* (2017). In 2008, he was awarded the James Marston Fitch Award by the National Council for Preservation Education for lifetime achievement in historic preservation education.

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MODERATOR



Laurie Matthews is Director of Preservation Planning + Design at MIG, Inc. where she leads a team that develops collaborative planning and design solutions based on solid research for significant cultural landscapes throughout the US, including Yosemite National Park, Willamette Falls, Point Reyes National Seashore, and Denali National Park. Prior to joining MIG, Laurie worked for the National Park Service’s Olmsted Center for Landscape Preservation. Her work is guided by the principle that landscape preservation requires managing rather than halting change with the primary goal of strengthening the dynamic qualities of historic sites into the future. She is the Historic American Landscapes Survey (HALS) representative for Oregon, and former president of Oregon ASLA.

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RESOURCES

Climate Change Action Plan

www.chicagoclimateaction.org/

Chicago Community Climate Action Toolkit

climatechicago.fieldmuseum.org/

Climate Change in the Windy City

climatechicago.fieldmuseum.org/learn

Connect: community + climate + action

www.connectcca.org/

Fostering Sustainable Behavior: Community Based Social Marketing

www.cbsm.com/public/world.lasso

Global Warming's Six America's, Yale Program on Climate Change Communication

climatecommunication.yale.edu/about/projects/global-warmings-six-americas/

Heat Wave: A Social Autopsy of Disaster in Chicago

press.uchicago.edu/ucpb/books/book/chicago/H/bo20809880.html

Indiana Dunes Climate Change Adaption Plan

savedunes.org/wp-content/uploads/2018/05/Indiana-Dunes-Climate-Change-Adaptation-Plan-2018-2.pdf

NPS Climate Change Response Strategy with links to *Climate Change and Cultural Landscapes: A Guide to Research, Planning and Stewardship*, and *Study of Climate Change Impacts on Cultural Landscapes in the (NPS) Pacific West Region*

www.nps.gov/subjects/culturallandscapes/climate-change.htm

Scanning the Conservation Horizon: A Guide to Climate Change Vulnerability Assessment, The National Wildlife Federation

www.nwf.org/vulnerabilityguide

Skeptical Science: Getting Skeptical about Global Warming Skepticism

skepticalscience.com/argument.php

USGS National Climate Change Viewer

www2.usgs.gov/climate_landuse/clu_rd/nccv.asp

Weather It Together initiative is an award-winning community engagement process for involving the public in climate change adaptation of a landmark district

www.annapolis.gov/885/Weather-It-Together

World and Climate Action Plan for Nature

climatechicago.fieldmuseum.org/learn