

KEEPING HISTORY ABOVE WATER

Annapolis, MD | October 29-November 1, 2017

CONFERENCE PROGRAM

All events take place at the Annapolis Waterfront Hotel unless otherwise noted.

SUNDAY, OCTOBER 29

9:00 AM– 3:30 PM **Registration Desk Open**

Pick up your registration packet and name badge. No on-site registration will be available.

9:45 AM – 3:00 PM **Tours**

All tours are pre-registration only and have a maximum capacity of 25 people each. Please wear weather appropriate gear and good walking shoes. Tours #1, #2 and #3 depart from the lobby of the Annapolis Waterfront Hotel. Tour #4 departs from City Dock.

TOUR # 1 | Four Rivers Heritage Area Tour of South County and the Smithsonian Environmental Research Center
9:45-3:00

TOUR #2 | United States Naval Academy Walking Tour
11:30-2:00

TOUR #3 | Annapolis City Dock “Weather It Together” Tour, Adaptation Design and Economics
11:45-2:00

TOUR #4 | Miss Anne Cruise Along Spa Creek, sponsored by Watermark Tours
1:55-2:45

2:00-3:30 PM

Open House | Sands House Resiliency Project

The Sands House, c. 1740, located on lower Prince George Street one block from City Dock, is one of the oldest frame houses in Annapolis. Located in close proximity to the 100 year flood plain, the building is considered to be highly vulnerable and needs protection from future flooding and extreme weather conditions. In 2014, the US Army Corps of Engineers worked closely with the City of Annapolis to identify potential flood risk adaptation measures. Come visit Sands during our open house hours to learn about the building’s historical significance and to discuss various strategies for implementing near and long term mitigation measures.



4:00-6:30 PM Opening Plenary & Book Signing | F.S. Key Auditorium, St. John's College

When Cultural Landscape and Natural Resources Collide

Phil Dyke | Coast and Marine Advisor for the National Trust, UK

The Water Will Come: Rising Seas, Sinking Cities, and the Reshaping of the Civilized World

Jeff Goodell | Author & Contributing Editor to *Rolling Stone*

A book signing will follow the remarks. Open to the public for free with advance registration.

MONDAY, OCTOBER 30

7:00 AM – 5:00 PM Registration Desk Open

Pick up your registration packet and name badge. No on-site registration will be available.

8:00- 8:45 AM Welcoming Remarks & Keynote Address

Lisa M. Craig | Chief of Historic Preservation, City of Annapolis

Shantia Anderheggen | Director of Preservation, Newport Restoration Foundation

Michael J. Pantiledes | Mayor, Annapolis, MD

The Science of Sea Level Rise Update

Dr. William Sweet | Oceanographer, Center for Operational Oceanographic Products and Services, National Ocean Service, National Oceanic and Atmospheric Administration, US Dept. of Commerce

8:45-10:15 AM Session #1 | Educating & Empowering

Reimagining the Mosaic: History and Continuity in Changing Times

Marcus Moench | Founder, Institute for Social and Environmental Transition (ISET) International

Environmental Histories and the Future of Heritage: Looking to the Past in Climate Change Management

Emily Button Kambic | Cultural Resources Public Outreach Coordinator, Mellon/ACLS Public Fellow, National Park Service

Kathryn G. Smith | National Historic Landmarks Program Coordinator, National Park Service

Living in Our Shared World

Michael Steen | Director of Education, Watermen's Museum



10:30 AM – 12:00 PM Session #2 | Beyond Engineering

Philadelphia: Disaster Planning for Historic Properties in a World Heritage City

Emily Paulus Everett | Historic Preservation Planning Manager, AECOM

Benjamin Buckley | Architectural Historian, AECOM

Farnsworth House Flood Mitigation

Ashley R. Wilson, AIA, ASID | Graham Gund Architect for the Historic Sites, National Trust for Historic Preservation

Jenna Cellini Bresler | Senior Engineer, Robert Silman Associates

Flood Risk Reduction and Climate Change Adaptation: The Benefits of Amphibious Retrofits to Historic Structures

Elizabeth C. English | Associate Professor, University of Waterloo School of Architecture

12:00-1:00 PM

Lunch & Vendor Fair

Use the lunch hour to view the Vendor Fair while you enjoy a buffet lunch.

1:00-1:30 PM

Keynote Address

Solutions to Benefit Both the Natural and Built Environments: Sustainable Tourism and Lessons From Cuba

Dr. David Guggenheim | President, Ocean Doctor, Inc.

1:30-3:00 PM

Session #3 | Cultural & Natural Resources

Rising Waters and Established Communities

Jaap van der Salm, Principal H+N+S Landscape Architects, The Netherlands

Dispatches from the 2017 Hurricane Season: Harvey, Irma, Jose and Maria

Don M. Bain, PE | Weather it Together

Winslow Hastie | Chief Preservation Officer, Historic Charleston Foundation

Hal Needham | Founder & President, Marine Weather and Climate

3:15-4:45 PM

Session #4 | Messaging & Media

The Water Will Come: Rising Seas, Sinking Cities, and the Reshaping of the Civilized World

Jeff Goodell | Author, Investigative Journalist, and Contributing Editor, *Rolling Stone*

Resilient Rural Landscapes & Communities: A Collaborator's Toolbox

Brian Ambrette | Coastal Resilience Program Manager, Eastern Shore Land Conservancy

Stephanie Jones | Kent County Department of Planning

Show and Tell: Annapolis Uses Story Map to Illuminate Flood Risks

Bradley Dean, CFM, CE | Coastal Scientist Michael Baker International

Shawn Wampler, GISP | GIS Coordinator City of Annapolis Information Technology Office



5:00-7:00 PM

Open House | Maryland State House

A private open house for conference registrants will be held at the beautiful and oldest state capitol still in continuous legislative use. Photo ID required in order to enter the State House.

Networking Event | Harry Browne's, 65 State Circle

All conference attendees are invited to a cash bar happy hour at one of the finest establishments in Annapolis, located on State Circle.

TUESDAY, OCTOBER 31

7:00 AM – 5:00 PM

Registration Desk Open

Pick up your registration packet and name badge. No on-site registration will be available.

8:00-10:15 AM

Keynote & Panel Discussion

Navy and SLR - A Whole of Government Approach

Capt. Ray Toll | USN Retired | Director of Coastal Resilience Research, Office of Research, Old Dominion University

Sea Level Rise Challenges and Planning

Capt. Emil Petruncio, USN, PhD Retired | Sea Level Rise Advisory Council, US Naval Academy

Lisa Craig | Chief of Historic Preservation, City of Annapolis

Don M. Bain, PE | Weather it Together

10:30 AM – 12:00 PM

Session #5 | Economic Development

Showcase Speaker: From Risk to Return: Challenges and Opportunities for Maryland in Adapting to a Changing Climate

Kate Gordon | Senior Advisor, The Paulson Institute

National Institute of Standards and Technology (NIST): EDGeS

Jennifer F. Helgeson | Research Economist, Applied Economics Office, National Institute of Standards and Technology

City of Portsmouth Historic Resources Climate Change Vulnerability Assessment and Adaption Plan

Nicolas Cracknell | Principal Planner, City of Portsmouth, NH; Planner, Historic District Commission

Peter Britz | Environmental Planner, City of Portsmouth, NH; Planner, Conservation Commission

12:00-1:45 PM

Lunch

Use the lunch break to explore Annapolis and the Vendor Fair.



Open House | Sands House Resiliency Project

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1:50-3:15 PM

Session #6 | Considering Codes

Showcase Speaker: What Codes Apply to Projects in the Floodplain?

Kevin Wagner | Natural Resources Planner, Maryland Department of the Environment

Fairmount Water Works, Philadelphia, PA

Samantha Kuntz | Preservation Planner, AECOM

Practicalities of Recovering from the Storm

Tony Daniels, AIA | Principal and Owner, Cycle Architecture + Planning, PLLC

Zoning and Building Code Regulations for Floodplain Management: Conflict or Cooperate with Historic Preservation Regulations

Noah Slovin, CFM | Environmental Scientist, Milone & MacBroom Inc.,
Water Resource Department

3:30-5:00 PM

Session #7 | Policy & Politics

Presentation

Chris Cerino | Mayor, Chestertown, MD

Preserving Paradise: There is a Little of Florida in All of US

Leslee F. Keys, PhD | Director of Historic Preservation and Special Initiatives,
Flagler College

Clay Henderson, Esq | Executive Director, Institute for Water and Environmental
Resilience, Stetson University

5:00-5:30 PM

Closing Remarks

Adam Markham, Deputy Director, Climate & Energy Program
Union of Concerned Scientists

Adam Markham will offer closing remarks highlighting some opportunities arising from discussions at the conference. He will discuss national level policy challenges for US cultural heritage management in a changing climate.

6:45-8:30 PM

Historic Annapolis Ghost Walk

Meet your tour guide next to the Market House, at the bottom of Main Street.

Tour includes visit to the William Paca House, home to one of the four signers of the Declaration of Independence.

Pre-Registration is required



WEDNESDAY, NOVEMBER 1

9:00-10:30 AM

Breakout Sessions (concurrent)

Breakout Session #1 | Technology

The 3D Sea Level Rise Visualization Project

Morris Hylton III | Associate Scholar and Director of Historic Preservation Program, University of Florida

Projecting Change

Liliane Wong | Chair, Department of Interior Architecture, RISD

Michael Grugl | Faculty, Department of Interior Architecture, RISD

The Impacts of UAS (Drones) in Preserving History, Preparing for the Worst, and Educating the Public

Larry Rogers | Partner, Mid-Atlantic Aerial, LLC

David Butts | Partner, Mid-Atlantic Aerial, LLC

Breakout Session #2 | Landscape & Resiliency

The Resilient Landscape: Landscape as a Basis for Integrated Resilience

Niek Veraart, AICP, ASLA, ASCE, Affil. ENV SP | Vice President, Environmental Planning and Resilience, Louis Berger

Breakout Session #3 | International & NGOs

Culture on the Move: Cultural Heritage, Historic Preservation, and Climate Mobility in America Today

Victoria Herrmann | President and Managing Director, The Arctic Institute, Center for Circumpolar Security Studies

Kristina Peterson | Co-founder, Lowland Center

Now What? Nonprofit Responses to the Resilience Challenge

Skip Stiles | Executive Director, Wetlands Watch, Hampton Roads, VA

Nathan Lott | Director, Water Collaborative of Greater New Orleans

Dale Morris | Chief Economist, Embassy of the Netherlands

Breakout Session #4 | Poster Session

Title	Presenter
A Resilient Tale of Two Cities: Construction and Constructed Barriers in Virginia Beach, VA and Bladensburg, MD	Kristina Crawley, Leo A Daly
Resiliency and Preservation of Historic Typologies: The	Sonia Chao, University of Miami



Case Study of Bungalows in East Little Havana, Miami, FL	
Projected Sea Level Rise Impacts on Military and Civilian Assets, with Annapolis, MD as a Case Study: Exposure, Adaptation, and Policies	Astrid Caldas, Union of Concerned Scientists
Great Dam Removal Project, Exeter, NH	Nicole Benjamin-Ma, VHB
Adaptation Planning and Sense of Place in New Jersey Coastal Communities	Madeleine Helmer, University of Pennsylvania
Implications of the Dam Safety Program on Cultural Resources and the Surrounding Communities	Alexandra Tarantino, Delaware Department of Transportation

10:30 AM – 12:00 PM Breakout Sessions (concurrent)

Breakout Session #5 | National Flood Insurance Program and Community Ratings

Historic Structures and the National Flood Insurance Program, Is There a Balance?

Kevin Wagner | Natural Resources Planner, Maryland Department of the Environment

Jen Sparenberg, DFM | Maryland Historical Trust

Natural Preservation and the NFIP

Rebecca L. Neubauer | University of North Carolina School of Law

Breakout Session #6 | Recovery & Resilience

Recovery & Resilience: Historical Ellicott City after the Flood

Lisa Crow | Senior Policy Analyst, Center for Health and Homeland Security, Howard County Office of Emergency Management

Chris Meyer | Emergency Management Specialist, Howard County Office of Emergency Management

Catherine Bedolla | Program Manager of Response and Logistics, Howard County Maryland Office of Emergency Management

Beth Burgess | Chief, Resource Conservation Division, Howard County

Breakout Session #7 | Archaeology

Archaeology of the Water's Edge: Quantifying the Effect of Shoreline Change on Maritime Archaeological Resources in Virginia's Northern Neck and Middle Peninsula

Brian D. Bates | Professor of Anthropology, Longwood Institute of Archaeology, Longwood University



Using the Digital Index of North American Archaeology for Rapid Disaster Response and Reporting

Jolene Smith | Virginia Department of Historic Resources, Digital Index of North American Archaeology

In the Face of the Flood: A County's Efforts to Mitigate a Potential Massive Loss of Cultural Resources

Anastasia Poulos | Archaeology Sites Planner, Cultural Resources Division, OPZ, Anne Arundel County Government

Managing the Effects of Climate Change and Sea Level Rise on Archaeological Sites at Fort Eustis, Newport News, VA

Emily Dhingra | Project Manager, Coastal Team Lead, Senior Coastal Engineer AECOM

Breakout Session #8 | Game of Floods

Game of Floods: A Stakeholder Engagement Activity

Alex Westhoff | Marin County Community Development Agency

Adrienne Burke | Executive Director, Riverside Avondale Preservation (RAP)

