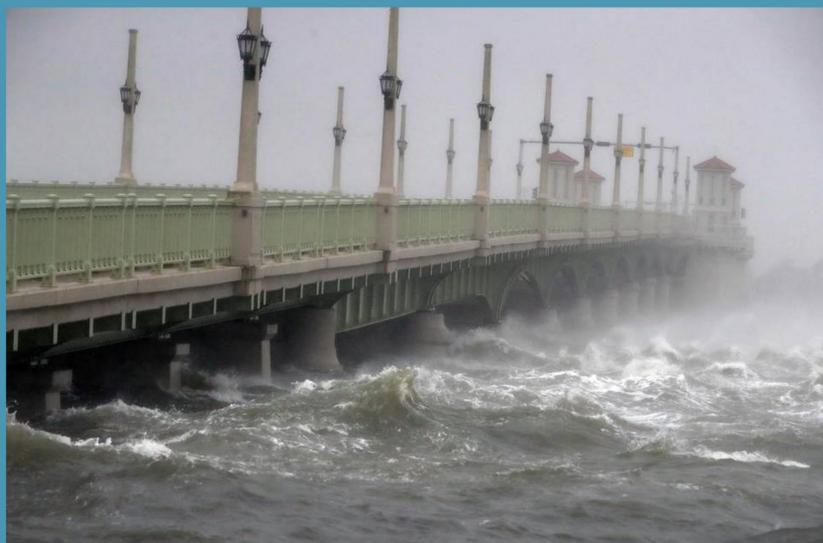




# KEEPING HISTORY ABOVE WATER

## ST. AUGUSTINE, FLORIDA: ENVISION 2050

An International, Multi-disciplinary Conference on Saving Historic Structures & Neighborhoods in the Face of Rising Tides



# 2019

## CONFERENCE PROGRAM



*75th Anniversary of the Great Cuba-Florida Hurricane of 1944*

**MAY 5th - 8th, 2019 | HISTORIC ST. AUGUSTINE, FLORIDA**



# ACKNOWLEDGMENTS

## THANK YOU TO OUR PARTNERS & SPONSORS

### KHAW: ST. AUGUSTINE CONFERENCE PLANNING COMMITTEE

#### Co-Chairs

Leslee F. Keys, PhD, *Flagler College*

Morris Hylton III, *University of Florida*

#### Members

Carolyn Cox, *Florida Climate Institute*

Lisa Craig, *The Craig Group*

Elizabeth Dove, *Flagler College*

Clay Henderson, Esq., *Stetson University*

Adam Markham, *Union of Concerned Scientists*

Sarah Miller, *Florida Public Archaeology Network*

Kelsey Mullen, *Newport Restoration Foundation*

Alison Simpson, *Florida National Guard*

Mark Thompson, *Newport Restoration Foundation*

Melissa Wissel, *City of St. Augustine*

Melissa Wyllie, *Florida Trust for Historic Preservation*

Jenny Wolfe, *City of St. Augustine*

#### Graduate Student Assistants

Clarissa Carr, *University of Florida*

Yeneneh Terefe, *University of Florida*



### SPONSORS:



Thanks to the Casa Monica Resort & Spa, Autograph Collection, for elegantly serving as the conference hotel. Please call 888-213-8903 and mention "Keeping History Above Water" to book your room today!

## HISTORIC HOTELS

### of AMERICA

National Trust for Historic Preservation™

St. Augustine is a walkable city, and the conference is headquartered in the heart of the downtown. Should you need parking, the City of St. Augustine is offering complimentary parking at the Historic Downtown Parking Facility for conference participants.



## WORKSHOP:

**1:00 - 4:00 PM - Lewis Auditorium, Flagler College, 14 Granada Street**

Podcast Workshop - *Doug Parsons, America Adapts Media*

**DAY 1**  
**SUNDAY, MAY 5th**  
**SCHEDULE / TOURS & PROGRAMS**

## TOURS:

**2:00 - 3:00 PM - Flagler College, 74 King Street**

Resiliency Walking Tour of Hotel Ponce de Leon National Historic Landmark

*Dr. Leslee Keys, Director of Historic Preservation and Special Initiatives, Flagler College*

**3:00 - 4:00 PM - Trolley Tour**

St. Augustine's Heritage at Risk

*Sarah Miller, Director and Emily Jane Murray, Public Archaeology Coordinator, Northeast Regional Center, Florida Public Archaeology Network*

## PLENARY PROGRAM: 5:00 - 7:00 PM

**Lewis Auditorium, Flagler College, 14 Granada Street**

"The Oldest City: Underwater" award-winning documentary film

*Mallory Hopkins, Flagler College, Class of 2018*

**Lewis Auditorium, Flagler College, 14 Granada Street**

*The Water will Come*

*Jeff Goodell - presentation and book signing*

## RECEPTION: 7:00 - 8:00 PM

**Lightner Museum Courtyard, 75 King Street**





## DAY 2 MONDAY, MAY 6th SCHEDULE

### 8:00 - 8:30 AM - Welcomes and Introductions

#### 8:30 - 9:15 AM - Science of Sea Level Rise

*Dr. Andrea Dutton, Assistant Professor of Geology,  
University of Florida*

### 9:30 - 11:00 AM - Regional and City Perspectives

9:30 - 10:15 AM

**Planning to Transform: Boston Responds to the  
New Climate Reality**

*Amy Longworth, Director, Boston Green Ribbon Commission*

10:15 - 11:00 AM

**New York City and Upstate New York: Patterns and Lessons from  
a Regional Survey of Waterfront Historic Resources**

*Erica Mollon, AKRF, Inc. and Madeleine Helmer, AKRF, Inc.*

### 11:00 - 11:30 AM - Visit the Vendors Fair

### 11:30 AM - 1:00 PM - KEYNOTE AND LUNCHEON

**Coastal Adaptation and Protection in Virginia**

*Ann Claire Phillips, Rear Admiral, USN (Ret.) and Special  
Assistant to the Governor for Coastal Adaptation and  
Protection, Commonwealth of Virginia*

### 1:00 - 2:30 PM - Perspectives on Social Justice and Underrepresented Heritage

**Identifying and Solving Social Justice Issues in our Efforts to  
Save Historic Places from Sea Level Rise**

*Dr. Jeremy Wells, Assistant Professor, School of Architecture,  
Planning and Preservation, University of Maryland*

**Climate Design Lab: Students as City-Makers**

*Kokei Otsi, Project Manager, Van Alen Institute*

## ALL EVENTS TAKE PLACE AT THE CASA MONICA RESORT & SPA

### 2:00 - 3:30 PM - Tribal Perspectives

**Trying hard to keep our feet dry - Tribes on the edge**  
*Elder Theresa Dardar, Point-au-Chien Indian Tribe*

**History Washing Away: The Seminole Story at  
Egmont Key**

*Dave Scheidecker, Research Coordinator, Seminole  
Tribe of Florida, THPO*

**Tribal Perspectives on Sea Level Rise, Climate  
Change, and the Costs of Endurance in the  
State of Florida**

*J. Nicholas Butler, Field Technician, Seminole Tribe of  
Florida, THPO*

**Here Our Navel Strings Were First Cut and the Blood  
from Them Sunk into the Earth, and Made the  
Country Dear to Us: Adaptation Planning at the  
Seminole Tribe of Florida**

*Dr. Paul Backhouse, Ah-Tah-Thi-Ki Museum Director  
and THPO, Seminole Tribe of Florida and James  
Charles, President, Volya Innovative Solutions*

### 3:45 - 5:00 PM - Archaeology

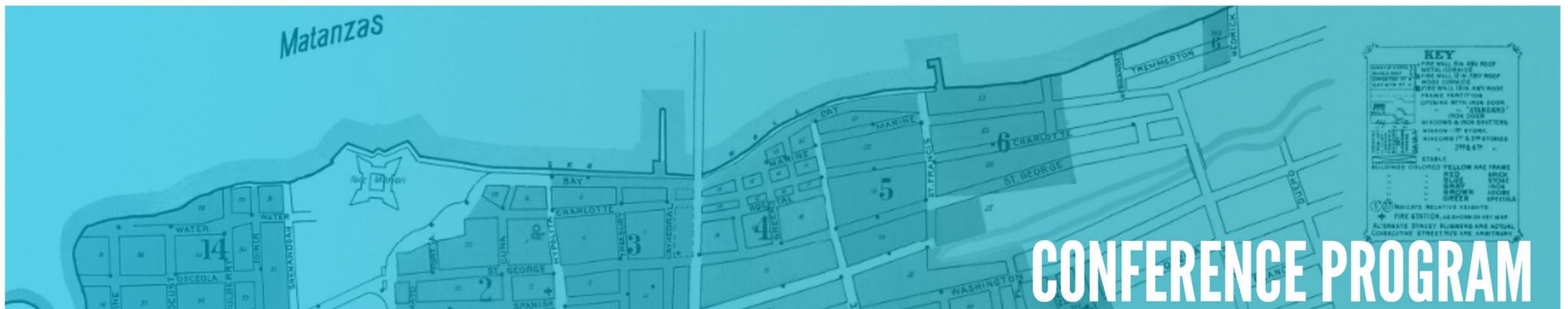
**Learning from Loss: Lessons from Scotland's Eroding  
Coastline**

*Dr. Tom Dawson, Principal Research Fellow, School of  
History, and Managing Director SCAPE, University of  
St. Andrews, SCAPE (Scottish Archaeology and the  
Problem of Erosion); Dr. Joanna Hambly, Research  
Fellow, School of History, University of  
St. Andrews*

**Heritage Monitoring Scouts (HMS) Florida and Tidally  
United**

*Sarah Miller, Director, FPAN Northeast Region*

### 5:00 PM - Experience St. Augustine Restaurants



## ALL EVENTS TAKE PLACE AT THE CASA MONICA RESORT & SPA



## DAY 3 TUESDAY, MAY 7th SCHEDULE

### 7:30 - 8:00 AM - Continental Breakfast

### 8:30 - 10:00 AM - Politics and Policy

8:00 - 9:15 AM

#### Welcome to Florida: The New American Venice

*Clay Henderson, Esq. - Moderator, Executive Director, Institute for Water and Environmental Resilience, Stetson University; Thomas Ruppert, Esq., Coastal Planning Specialist, Florida Sea Grant; Erin Deady, Esq., Principal, Erin L. Deady, PA; Dr. Jason Evans, Associate Professor, Department of Environmental Science, Stetson University*

9:15 - 10:00 AM

#### Southeast Florida Climate Change Compact

*Dr. Jennifer Jurado, Director of Resilience, Broward County*

### 10:15 - 11:45 AM - Cultural and Natural Landscapes

10:15 - 11:00 AM

#### Cultural and Natural Landscapes

*Speaker TBA*

### 11:00 AM - 1:00 PM - Lunch on your own/Vendors Fair

### 1:00 - 1:45 PM - Community Values and St. Augustine

*Lisa Craig, Principal, The Craig Group, and staff member, FEMA  
Dr. Leslee Keys, Flagler College*

### 1:45 - 2:30 PM - Big Plans for a Small City

1:45 - 2:15 PM - *Michael Cullum, Director of Public Works*

2:15 - 2:30 PM - *Doug Parsons, America Adapts podcast*

### 2:30- 3:15 PM - Adaptation Strategies

#### Purposeful Adaptation: Lessons from Annapolis

*Dr. Angela Schedel, Director of Community Resiliency, Taylor Engineering, Inc.- Session Moderator*

#### Game of Inches: Nuisance Flooding and Sea Level Rise

*Dr. Dave Kriebel, Professor, Ocean Engineering, US Naval Academy*

#### Historic Preservation and Sea Level Rise Adaptation:

##### A St. Augustine Case Study

*Jonathan Armbruster, Vice President, Taylor Engineering, Inc.*

#### Resilience of Shorelines in Key West, Florida during

##### Hurricane Irma

*Dr. Tori Tomiczek, Assistant Professor, United States Naval Academy*

### 3:30 - 5:00 PM - International Perspective

*Adam Markham, Deputy Director of Climate and Energy, Union of Concerned Scientists - Session Moderator*

#### Mainstreaming Cultural Heritage into Climate Change

##### Adaptation - Challenges and Opportunities

*Dr. Rohit Jigyasu, UNESCO Chair Professor at Institute of Disaster Mitigation for Urban Cultural Heritage, Ritsumeikan University, Tokyo, Japan*

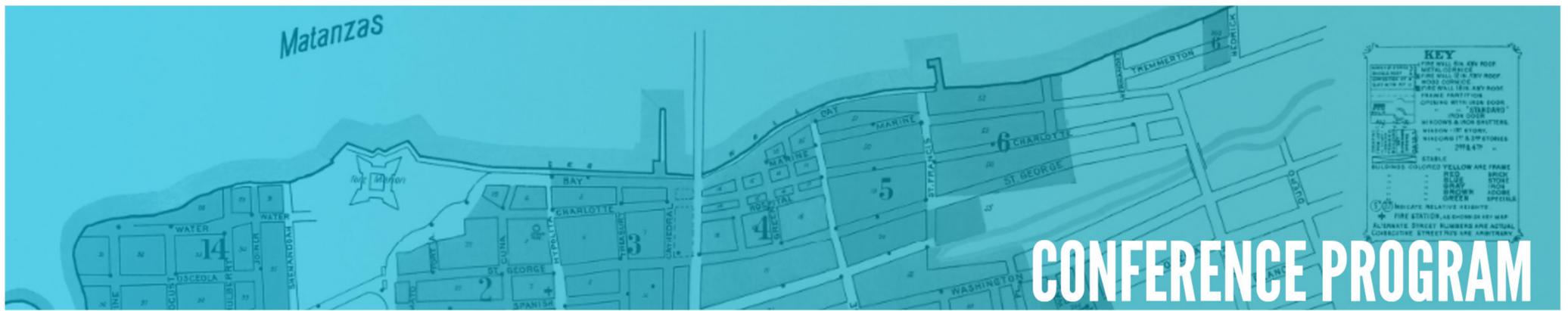
### 5:00 PM – Enjoy St. Augustine Restaurants and Shops

### 7:00 PM – Enrichment Experience

#### Flagler Room, Ponce de Leon Hall, Flagler College

*Scotland's Eroding Coastal Heritage: Highlights and Insights from 20 Years of Public Archaeology at the Scottish Coast*

*Dr. Tom Dawson and Dr. Joanna Hambly, University of St. Andrew*



**DAY 4  
WEDNESDAY, MAY 8th  
SCHEDULE**

**8:30 - 9:00 AM - Continental Breakfast**  
**9:00 - 10:30 AM - Archives and Collections**

**Developing Cooperative Disaster Networks for Cultural Resource Institutions: The Pennsylvania Cultural Resilience Network**

*Samantha Forsko, Preservation Specialist, Conservation Center for Arts and Historic Artifacts*

**(re)Developing Environmental and Environmental Justice Collections at the University of Miami**

*Jay Sylvestre, Assistant Librarian Professor, Special Collections, Otto G. Richter Library, University of Miami*

**A Caribou Sleeping Bag Awakens Curiosity about Climate Change**

*Adrienne Saint-Pierre, Curator, The Barnum Museum*

**9:00 - 10:30 AM - Archaeological Resources: Prioritizing and Mitigating**

**You Can't Save Everything: Prioritizing Archaeological Sites in South Florida through the Regional Climate Action Plan**  
*Sara Ayers-Rigsby, Director, Southeast/Southwest Regions, Florida Public Archaeology Network*

**Case Study: Short-term Strategies to Mitigate Inundation and Erosion of Archaeological Sites in Biscayne Bay and Everglades National Park**

*Dr. Randall Parkinson, Research Associate Professor, Sea Level Solutions Center, Florida International University*

**Living Shorelines and Eroding Sites: Research on Heritage at Risk at the GTM Research Reserve**

*Emily Jane Murray, Florida Public Archaeology Network*



**9:00 - 10:30 AM - Communicating, Connecting, and Engaging**

**Love, Respect, and the IPCC: a report on efforts to improve representation of cultural heritage in the global scientific response to climate change**

*Dr. Marcy Rockman, ICOMOS Climate Change and Heritage Working Group*

**The Survival of Small Businesses in Northeastern Florida After a Natural Disaster**

*Dr. Harry Kemp, Adjunct Faculty, Walden University*

**A Mindset Shift to Support Elevating Historic Buildings**

*Erin Minnigan, Director of Historic Preservation, Preservation Society of Charleston*

**9:00 - 10:30 AM - Beyond 2050: Re-envisioning the City**

**Adaptation Strategies for St. Augustine**

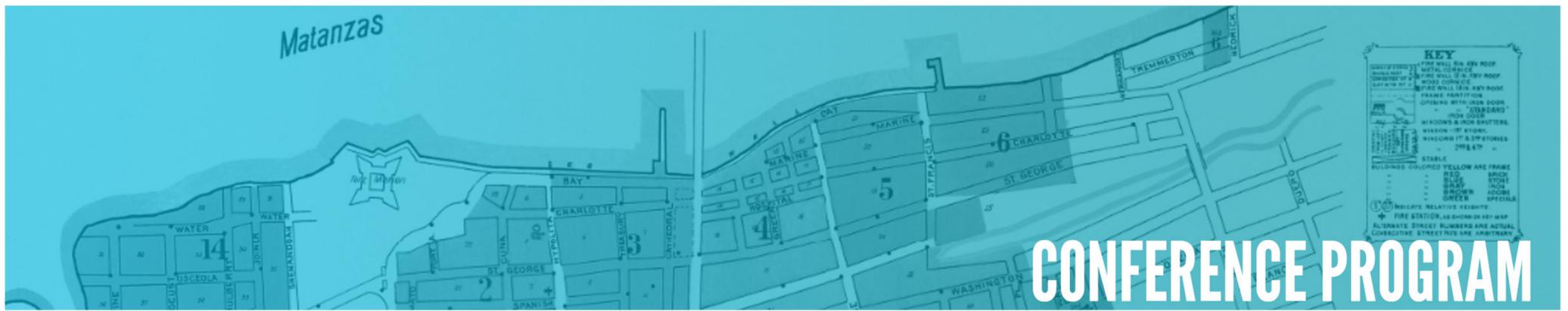
*Dr. Martha Kohen, Professor of Architecture, University of Florida*

**Protecting Cultural Heritage: SoBe Fortress - Case Study, Miami Beach**

*Nancy Clark, Associate Professor of Architecture, University of Florida*

**Imagining the Future Historic City in the Landscape Architecture Studio: Miami**

*Suzanne Mathew, Graduate Program Director and Assistant Professor, Rhode Island School of Design*



# CONFERENCE PROGRAM

## ALL EVENTS TAKE PLACE AT THE CASA MONICA RESORT & SPA

**9:00 AM - NOON - Mitigating Historic St. Augustine – Implementation of flood mitigation initiatives designed to reduce flooding of historic structures and neighborhoods.**

**Assessing Vulnerability: The Case of Alden Hotel, Miami Beach**

*Hilary Stevens, Senior Staff Scientist, Coastal Risk Consulting*

**Hack the Mill: Developing Resiliency Strategies for Historic Properties**

*John Gardosik, Historic Preservation Specialist, Pennsylvania State Historic Preservation Office*

**Ohio Creek Watershed Project: Resiliency for Chesterfield Heights Historic District**

*Erin Leatherbee, Preservation Planner, VHB*

**Adaptation and Resiliency of Waterfront Structures in Historic Fernandina Beach**

*Tim Mason, Principal Engineer and Rob Semmes, Associate Principal, Applied Technology & Management, Inc.*

**Adaptation Projects in St. Augustine**

*Jessica Beach, Professional Engineer, Department of Public Works, City of St. Augustine and Kelly Wilson, Emergency Management Planner, St. Johns County Emergency Management*



## DAY 4 (CONT.) WEDNESDAY, MAY 8th SCHEDULE



**9:00-11:00 AM The Gullah/Geechee Sea Island Coalition**

**De Wata Bring We: Gullah/Geechee Cultural Heritage Resources, Adaptation and Sustainability**

*Queen Quet, Founder, Gullah/Geechee Sea Island Coalition;*

*Glenda Simmons-Jenkins, Representative, Gullah/Geechee Cultural Heritage Committee, Northeast Florida;*

*Dr. Kate Derickson, Associate Professor, Department of Geography, Environment, and Science, University of Minnesota;*

*Kate Cell, Climate Campaign Manager, Union of Concerned Scientists*

