

## An aerial photograph of Madison, Wisconsin, featuring the Wisconsin State Capitol building with its prominent dome in the center. The city is densely packed with various buildings, including modern high-rises and older structures. The city is situated along the edge of a large body of water, likely Monona Lake, which is visible in the background. The image is taken from a high angle, providing a comprehensive view of the urban layout and the surrounding natural environment. The lighting suggests it might be late afternoon or early morning, with long shadows and a warm glow. The text 'Madison, WI' is overlaid in the bottom left corner in a white font on a dark blue background.

**THE CLIMATE IS CHANGING.**  
NOW IS THE TIME FOR ACTION. THIS IS THE PLACE FOR YOU.

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ALL PHOTOS LICENSED THROUGH CREATIVE COMMONS



Lake Mendota, Madison, WI

# ASAP Mission and Vision

## Mission

The **American Society of Adaptation Professionals** connects and supports climate adaptation professionals to advance innovation and excellence in the field of practice.

## Vision 2020

- ASAP is recognized among private and nonprofit sector partners, federal agencies, professional associations, and the philanthropic community as the premiere organization setting best principles and standards for the adaptation community, including self-described climate adaptation professionals and all climate impacted professional sectors.
- The ASAP individual membership community grows to at least three times its current size and members engage in national, regional, and virtual meet-ups, and share their knowledge through affinity groups and mentor programs.
- Corporate and group memberships increase to include at least 30 corporate and nonprofit partners, plus education and training partnerships with professional societies from a range of disciplines.
- The impact of this growth in membership and strengthening of the adaptation community is the development of career pipelines and institutional capacity for adaptation professionals at all stages of their career across all sectors and levels of government.

## The ASAP Difference

The American Society of Adaptation Professionals connects and supports climate adaptation professionals to advance the field of climate adaptation. While other organizations may see adaptation as something that they opt-in to doing, ASAP is actively leading the way to ensure climate adaptation and resilience work is done equitably, ethically, and efficiently.

The ability of ASAP to connect people across sectors, scales, and geographies makes the organization uniquely qualified for scaling best practices, setting national standards, and providing a broad and deep community to professionals in the adaptation field and climate impacted professions.

## Achieving the Vision 2020

By developing work plans through four program areas, ASAP staff and members will support the goals of a supported and connected membership network and a strong field of practice.

These program areas are:

- **ASAP Connects:** ASAP's members are the heart of our organization, and the ASAP Connects program includes a growing number of activities for us to discover and connect with like-minded colleagues to receive and share insights, support, and professional opportunities.
- **Adaptation Careers:** ASAP is a highly trusted and valued source for finding professional guidance, discovering vetted information and training resources, and learning about new opportunities in the field. We help members excel in their current jobs, find new ones, and learn what it means to work in the field of climate change adaptation.
- **Adaptation Voices:** ASAP has been spreading adaptation stories via the ASAP blog and newsletter for several years. We are expanding our power and reach to unite the climate adaptation and resilience community and inspire a greater number and diversity of people to action.
- **ASAP Serves:** The field of climate change adaptation is young and growing. ASAP and its members are at the center of this growth, guiding the field towards ethical, equitable, and effective practice.

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# ASAP's Board of Directors

## Missy Stults (President)

*Current term: 2017–2020*

As Sustainability and Innovations Manager for the City of Ann Arbor, MI, Missy is responsible for ensuring the city meets its climate and sustainability goals. She has also worked extensively as a consultant helping multiple Great Lakes cities with designing a universal vulnerability template, and providing strategic guidance to local communities looking to advance resilience.



## Jessica Grannis

*Current term: 2017–2020*

Jessica Grannis is the Adaptation Program Director at the Georgetown Climate Center, and works on the law and policy of coastal adaptation. She is also a staff attorney and adjunct professor at the Harrison Institute for Public Law, at Georgetown University Law Center, overseeing staff and student research and analysis of federal, state and local adaptation efforts.



## Eric Mielbrecht

*Current term: 2015–2019*

Eric is one of the co-founders of EcoAdapt, and specializes in assessing anthropogenic stresses and the risks they pose to the natural and built environment. He is particularly interested in bridging the gap between research and resource management decision-making processes and focus on synthesizing research findings for stakeholders.



## John Nordgren (Treasurer)

*Current term: 2017–2020*

John R. Nordgren is Director of the Climate Resilience Fund, a national philanthropic collaborative focused on mobilizing strategic investments in climate services for the benefit of U. S. communities and the natural systems on which they depend. Nordgren previously served as Senior Advisor, Climate Change for the Kresge Foundation and as Senior Program Officer for Kresge's Environment Program.



## Jennifer Jurado

*Current term: 2017–2020*

Jennifer Jurado is director of the Environmental Planning and Community Resilience Division for Broward County, FL, coordinating environmental planning and community resilience initiatives through policy, planning, and regional management strategies. Her efforts include water resources, coastal resources, urban lands, natural systems, and the built environment and address mitigation and adaptation needs.



## Jacqueline Patterson

*Current term: 2017–2020*

Jacqueline Patterson is Director of the NAACP Environmental and Climate Justice Program, and coordinator and co-founder of Women of Color United. She has worked as a researcher, program manager, coordinator, advocate and activist working on women's rights, violence against women, HIV&AIDS, racial justice, economic justice, and environmental and climate justice.



## Josh Foster (Secretary)

*Current term: 2015–2019*

Josh Foster is an independent climate adaptation and resilience program manager with 25 years of experience at the science-society interface specializing in organizational policy, development, and innovation. Previously, he was faculty at the Oregon Climate Change Research Institute at Oregon State University, where he was university program manager for the Northwest Climate Science Center.



## Julia Kim

*Current term: 2019–2022*

Julia Kim is a Senior Project Manager at the Local Government Commission, where she works with public agencies, community leaders, and key stakeholders throughout California. She focuses on the opportunities that climate change presents to redesign existing systems and processes while collaborating with diverse partners to implement equitable, innovative, and comprehensive climate solutions.



## Emily Wasley

*Current term: 2019–2022*

Emily Wasley is a Director at the Cadmus Group, and has more than 10 years of experience working with a variety of organizations on domestic and international climate change science, policy, and strategy. She currently helps support the federal government to integrate the latest science of climate change and its impacts into their policies, plans, and actions on the ground.



# Where to find ASAP at NAF 2019

**More than 100 ASAP members are appearing at sessions this year!**

**DAY 1: TUESDAY, APRIL 23**

## Concurrent sessions 1

11 a.m. – 12:30 p.m.

### SYMPOSIUM

#### **Establishing Community Resilience Hubs: What Are They and How to Get Started**

Madison Ballroom B

- **Kristin Baja**, Urban Sustainability Directors Network

### SYMPOSIUM

#### **Nature-Based Solutions for Coastal Resilience – Protecting Infrastructure, Nature, and People**

Madison Ballroom D

- **Rebecca Lupes**, Federal Highway Administration

### SYMPOSIUM

#### **Moving from Assessments into Action: Innovative Projects to Address Urban Heat**

Hall of Ideas E

- **Mark Hartman**, City of Phoenix

### SYMPOSIUM

#### **From Sea to Shining Sea: Bridging Science and Decision-Making Across the Coastal Adaptation Planning Landscape**

Hall of Ideas F

- **Jessica Whitehead**, North Carolina Sea Grant
- **Juliana Barrett**, University of Connecticut

### SYMPOSIUM

#### **Advances in Understanding and Applying Adaptive Capacity to Improve Adaptation Outcomes**

Hall of Ideas H

- **Christopher Hoving**, Michigan Department of Natural Resources

## Join ASAP at NAF!

### **ASAP Members Leading and Transforming the Adaptation Profession**

Wednesday, Concurrent Sessions 6, 4:00–5:30 p.m., Meeting Rooms MNQR

In this session, we will celebrate our accomplishments as a network, be inspired by visionary climate leadership, and get down to work together to addressing a diversity of urgent climate adaptation needs. First, learn what we have accomplished together over our first 18 months as an independent organization. Next, be inspired by ASAP Regional Adaptation Leadership Award (RALA) winners as they illustrate how they embody ASAP's Living Guide to the Principles of Climate Change Adaptation (Living Guide) — the field-spanning principles which have emerged through over a decade of experimentation, research, and on-the-ground work in the climate adaptation field. Then channel that inspiration into motivation, getting down to work with your virtual collaborators from ASAP member led interest groups, working groups, and advisory groups.



### **Take Your Networking to the Next Level (Reception)**

Wednesday, 6:00 p.m., 123 E Doty St.

After our session, we invite you to stroll on over the Great Dane Pub & Brewing Co. to eat, drink, and network with ASAP members from throughout North America! Registration required: \$12 for members, \$17 for non-members, tickets include two drinks (beer/wine/beverage) and light appetizers.

### SYMPOSIUM

#### **Adapting across Scales: Learning from Regional Adaptation Practices**

Hall of Ideas G

- **Brian Ambrette**, Eastern Shore Land Conservancy
- **Jason Liechty**, Broward County Environmental Planning and Community Resilience Division

### SYMPOSIUM

#### **Climate Change at the Intersections: Addressing Cross-Sectoral Concerns in Indian Country**

Hall of Ideas I

- **Chris Swanston**, Northern Institute of Applied Climate Science, U.S. Forest Service

### SYMPOSIUM

#### **North Central Midwest Regional Climate Collaboration: Improving Decision-Making Through Regional Collaboration**

Hall of Ideas J

- **Molly Woloszyn**, National Oceanic and Atmospheric Administration

### SYMPOSIUM

#### **Climate Adaptation in the Midwest: What's Happening, Where We're Going, and Lessons Learned**

Meeting Rooms KLOP

- **Chris Swanston**, Northern Institute of Applied Climate Science, U.S. Forest Service
- **Maria Janowiak**, U.S. Forest Service

### SYMPOSIUM

#### **Not New York City? Addressing Adaptation Challenges in America's Small Cities and Towns**

Meeting Rooms MNQR

- **Tonya Graham**, ClimateWise

## Concurrent sessions 2

2 p.m. – 3:30 p.m.

### SYMPOSIUM

#### **Effectively Shifting Power: Using Equity as a Lens to Enhance Community Resilience**

Madison Ballroom A

- **Kristin Baja**, Urban Sustainability Directors Network

## CONCURRENT SESSIONS 2, CONT.

### SYMPOSIUM

#### *Flooding on the Dock of the Bay*

Madison Ballroom B

- **Astrid Caldas**, Union of Concerned Scientists
- **Lisa Marie Craig**, Michael Baker International

### SYMPOSIUM

#### *Managing Landscapes for Adaptive Capacity: Tools and Strategies for Identifying, Conserving and Connecting Climate Refugia*

Madison Ballroom C

- **Anne Carlson**, The Wilderness Society

### SYMPOSIUM

#### *Ultimate Team Building: How Boundary Spanning Organizations Fill the Gap Between Science and Solutions*

Madison Ballroom D

- **Kathy Jacobs**, University of Arizona

### SYMPOSIUM

#### *US Food Security: Big Trouble, Big Needs, Big Opportunities*

Hall of Ideas F

- **John Wiener**, University of Colorado

### SYMPOSIUM

#### *Conducting a Tribal/Indigenous Climate Change Vulnerability Assessment and Developing a Tribal Adaptation Plan*

Hall of Ideas I

- **Stefanie Krantz**, Nez Perce Tribe

### SYMPOSIUM

#### *Dissecting Community Adaptation Project Development and Implementation – What Does It Take to Move to Action?*

Hall of Ideas J

- **Kathryn Wright**, Cadmus
- **Melissa Deas**, District of Columbia
- **Matt Gray**, City of Cleveland

### SYMPOSIUM

#### *Engaging Forest Owners in Climate-Informed Management*

Hall of Ideas G

- **Maria Janowiak**, U.S. Forest Service

### SYMPOSIUM

#### *Economics of Climate Change*

Meeting Rooms MNQR

- **Samanthe Tiver Belanger**, Stanford University

### SYMPOSIUM

#### *Climate Adaptation in Wisconsin Part 1: Impacts and Adaptation for Natural Resources*

Meeting Rooms KLOP

- **Stephen Handler**, Northern Institute of Applied Climate Science, USDA Forest Service

## Concurrent sessions 3

4 p.m. – 5:30 p.m.

### SYMPOSIUM

#### *A Match Made in Heaven? Integrating Climate Change into Hazard Mitigation Planning*

Madison Ballroom D

- **Sascha Petersen**, Adaptation International
- **Kristin Baja**, Urban Sustainability Directors Network

### SYMPOSIUM

#### *How a Focus on Health Can Expand Collaborations and Enhance Climate Resilience*

Hall of Ideas J

- **Ellu Nasser**, Adaptation International
- **Aaron Ferguson**, Michigan Department of Health and Human Services

### SYMPOSIUM

#### *Advancing Practical Application of Indicators for Urban Resilience and Adaptation Planning*

Hall of Ideas E

- **Richard Moss**, Columbia University

### SYMPOSIUM

#### *Letters from the Caribbean: Approaches to Climate Resilience and What the U.S. Can Learn*

Hall of Ideas F

- **Colin Quinn**, The Cadmus Group
- **Kathryn Wright**, The Cadmus Group

### SYMPOSIUM

#### *A More Resilient Rural America: Accelerated Rural Action for Climate Adaptation*

Hall of Ideas G

- **Tonya Graham**, ClimateWise

### SYMPOSIUM

#### *Resilient Land Use and Zoning: Lessons Learned from the Boston Metro Region*

Hall of Ideas H

- **John Bolduc**, City of Cambridge

### ORAL PRESENTATIONS

#### *Creating, Modeling and Sharing Insights from Resilient Agriculture and Forestry Systems*

Meeting Rooms MNQR

- **Karen Buchsbaum**, Antioch University New England

## DAY 2: WEDNESDAY, APRIL 24

## Working Groups and Trainings 1

8 a.m. – 10:30 a.m.

### WORKING GROUP

#### *Prioritizing Social Equity in Building Climate-Safe Infrastructure*

Madison Ballroom A

- **Juliette Finzi Hart**, USGS
- **Susanne Moser**, Susanne Moser Research & Consulting

### TRAINING

#### *Learning & Evaluation Tool: Moving from Community Engagement to Ownership*

Madison Ballroom D

- **Melissa Deas**, District of Columbia

## TRAINING

### *Cultural Competency, Collaboration & Environmental Equity in Adaptation: Island and Sea Living Examples of the Gullah/Geechee*

Hall of Ideas E

- **Astrid Caldas**, Union of Concerned Scientists

## TRAINING

### *Sailing the Resilience Seas – Hands-on Training with New Tools for Every Step of the Resilience Journey*

Hall of Ideas F

- **Sascha Petersen**, Adaptation International

## TRAINING

### *Transformational Resilience and the Adaptive Mind*

Hall of Ideas G

- **Emily Wasley**, The Cadmus Group
- **Susanne Moser**, Susanne Moser Research & Consulting

## TRAINING

### *How to Incorporate Human Health Exposures, Impacts, and Strategies into Adaptation Planning for Tribal Communities*

Hall of Ideas J

- **Angie Hacker**, Prosper Sustainably

## Concurrent sessions 4

11 a.m. – 12:30 p.m.

## SYMPOSIUM

### *Climate & Health Adaptation in the Heartland*

Madison Ballroom A

- **Nissa Tupper**, Minnesota Department of Health

## SYMPOSIUM

### *Part I - Adaptation Findings from the Fourth National Climate Assessment and Local Experiences*

Madison Ballroom C

- **Kris May**, Silverstrum

## SYMPOSIUM

### *Uncharted Waters: Legal Risks and Pathways for Climate Adaptation*

Madison Ballroom D

- **Deanna Moran**, Conservation Law Foundation
- **Elena Mihaly**, Conservation Law Foundation
- **Jessica Grannis**, Georgetown Climate Center

## SYMPOSIUM

### *Measuring the Climate Resilience of Affordable Housing Stock*

Hall of Ideas F

- **Melissa Deas**, District of Columbia

## SYMPOSIUM

### *Breathing Life into Managed Retreat: Accounting for Human and Natural Resource Migrations in Coastal Relocation Decisions*

Hall of Ideas G

- **Katie Spidalieri**, Georgetown Climate Center
- **Chris Hilke**, National Wildlife Federation

## ORAL PRESENTATIONS

### *Natural Resource Management Vulnerability and Adaptation Efforts: Examples from Across the Country*

Hall of Ideas J

- **Kristen Schmitt**, Northern Institute of Applied Climate Science
- **Chris Swanston**, Northern Institute of Applied Climate Science

## ORAL PRESENTATIONS

### *Relocation and Innovative Solutions for Managing Future Flood Risk*

Meeting Rooms KLOP

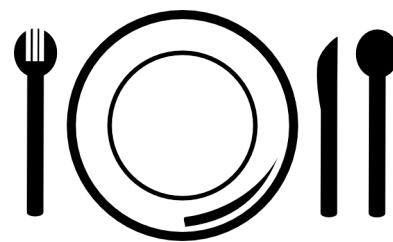
- **A.R. Siders**, Harvard University
- **Harriet Morgan**, University of Washington Climate Impacts Group

## SYMPOSIUM

### *Building Resilience with More Holistic Transportation Decisionmaking*

Meeting Rooms MNQR

- **Annie Bennett**, Georgetown Climate Center



## Luncheon sessions

12:45 p.m. – 1:45 p.m.

## SYMPOSIUM

### *Connecting People to Climate Risks: Meaningful Engagement in Adaptation Planning*

Madison Ballroom A

- **Zoe Siegel**, Resilient by Design

## SYMPOSIUM

### *What's New in Adaptation Finance*

Madison Ballroom B

- **Joyce Coffee**, Climate Resilience Consulting

## WORKING GROUP

### *Advancing the Data Lifecycle*

Madison Ballroom D

- **Jessica Cahail**, Azavea
- **Beth Gibbons**, ASAP
- **Jessica Grannis**, Georgetown Climate Center
- **Sascha Petersen**, Adaptation International
- **Mike Steinhoff**, ICLEI USA
- **Sierra Woodruff**, Texas A&M University

## WORKING GROUP

### *What Does Successful Adaptation Look Like in Your Community?*

Hall of Ideas E

- **James Arnott**, Aspen Global Change Institute
- **Susanne Moser**, Susanne Moser Research & Consulting



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## LUNCHEON SESSIONS, CONT.

### SYMPOSIUM

#### *Advancing Climate Networks through Regional Adaptation Forums: Lessons Learned from 2018 Events and Future Plans*

Hall of Ideas F

- **Jenna Jorns**, GLISA, University of Michigan
- **Rachel Jacobson**, ASAP
- **Jason Liechty**, Broward County Environmental Planning and Community Resilience Division
- **Julia Kim**, Local Government Commission
- **Carolyn Enquist**, Southwest Climate Adaptation Science Center

### WORKING GROUP

#### *Building the Community of Practice to Support Natural and Nature-based Approaches to Resilience*

Hall of Ideas G

- **Chris Hilke**, National Wildlife Federation

### ORAL PRESENTATIONS

#### *Navigating Current Adaptation Challenges*

Hall of Ideas I

- **Jessica Hitt**, EcoAdapt
- **Lara Hansen**, EcoAdapt
- **Missy Stults**, City of Ann Arbor

### ORAL PRESENTATIONS

#### *Nature-based Adaptation from Design to Execution: Examples from Jamaica to Jamaica Bay*

Meeting Rooms KLOP

- **Jordan Fischbach**, RAND Corporation

## Concurrent sessions 5

2:00 p.m. – 3:30 p.m.

### SYMPOSIUM

#### *Sea Level Rise Gets Real (Estate)*

Madison Ballroom A

- **Erika Spanger-Siegfried**, Union of Concerned Scientists
- **Joyce Coffee**, Climate Resilience Consulting

### SYMPOSIUM

#### *Community Ownership, Community Resiliency: Moving Equitable Adaptation Into Action*

Madison Ballroom B

- **Jennifer Li**, Georgetown Law
- **Melissa Deas**, District of Columbia
- **Kif Scheuer**, Local Government Commission
- **Dana Brechwald**, Association of Bay Area Governments

### SYMPOSIUM

#### *Courageous Climate Action in Southcentral: How Not Leading with 'Climate Change' is Making a Difference*

Madison Ballroom C

- **Ellu Nasser**, Adaptation International
- **Sascha Petersen**, Adaptation International
- **Rachel Riley**, Southern Climate Impacts Planning Program
- **Douglas Melnick**, CoSA

### SYMPOSIUM

#### *Part II - Adaptation Findings from the National Climate Assessment and Local Experiences*

Hall of Ideas E

- **Sascha Petersen**, Adaptation International

### SYMPOSIUM

#### *Climate Adaptation Decision-Making Under Deep Uncertainty*

Hall of Ideas F

- **Joel Smith**, Abt Associates
- **Laurina Kaatz**, Denver Water

### SYMPOSIUM

#### *A Tribal Adaptation Menu for Indigenous-led Climate Adaptation, including Background and Case Studies*

Hall of Ideas G

- **Stephen Handler**, Northern Institute of Applied Climate Science / USDA Forest Service

### SYMPOSIUM

#### *Ten Years of Adaptation Progress in the States: What Have We Learned and What's Next?*

Hall of Ideas H

- **Jessica Grannis**, Georgetown Climate Center
- **Nuin-Tara Key**, California Governor's Office of Research and Planning

### SYMPOSIUM

#### *Sustainable and Resilience Planning for Water in the Face of Climate Change*

Hall of Ideas I

- **Laurina Kaatz**, Denver Water
- **Keely Brooks**, Southern Nevada Water Authority
- **Sebastian Malter**, Philadelphia Water Department
- **Abby Sullivan**, Philadelphia Water Department

### ORAL PRESENTATIONS

#### *Public Health and Adaptation*

Hall of Ideas J

- **Yoon Kim**, Four Twenty Seven
- **Lara Hansen**, EcoAdapt
- **Emily Mead**, Institute for Sustainable Communities
- **Karina French**, Institute for Sustainable Communities

### ORAL PRESENTATIONS

#### *Implementing Resilience across Scales from Your Home to Your Region*

Meeting Rooms KLOP

- **Jessica Whitehead**, North Carolina Sea Grant
- **Sierra Woodruff**, Texas A&M University

## Concurrent sessions 6

4 p.m. – 5:30 p.m.

### SYMPOSIUM

#### *Building Innovative Partnerships for Adaptation Work in Rural Communities*

Madison Ballroom A

- **Ruby Woodside**, Second Nature

#### SYMPOSIUM

##### **Improving Climate Resilience in the Intermountain West through Research and Practitioner Networks**

Madison Ballroom C

- **Colin Quinn**, The Cadmus Group
- **James Arnott**, Aspen Global Change Institute
- **Ashley Perl**, City of Aspen

#### TRAINING

##### **Transformational Climate Adaptation Tools For Equitable, Community-Driven Climate Resilience**

Madison Ballroom D

- **Jacqui Patterson**, NAACP

#### SYMPOSIUM

##### **Science and Engagement Co-Production around Compounding Climate Risks and Impacts in the Charleston, SC Region**

Hall of Ideas F

- **Kirstin Dow**, USC/Carolinas RISA
- **Sarah Watson**, SC Sea Grant Consortium and Carolinas Integrated Sciences and Assessments

#### SYMPOSIUM

##### **Aligning Economic Development with Resilience**

Hall of Ideas G

- **Kristiane Huber**, C2ES
- **Mark Hartman**, City of Phoenix

#### SYMPOSIUM

##### **Utilizing Partnerships to Enhance Climate Monitoring and Drought Management on Tribal Lands**

Hall of Ideas H

- **Molly Woloszyn**, NOAA — National Integrated Drought Information System
- **Derek Kauneckis**, Voinovich School, Ohio University
- **Miles Gordon**, Native Waters on Arid Lands



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#### WORKING GROUP

##### **Urban Health Inequities and Climate Change**

Meeting Rooms KLOP

- **Marc Francois Coudert**, Office of Sustainability, City of Austin

#### WORKING GROUP

##### **ASAP Members Leading and Transforming the Adaptation Profession**

Meeting Rooms MNQR

- **Beth Gibbons**, ASAP
- **Missy Stults**, City of Ann Arbor

#### DAY 3: THURSDAY, APRIL 25

### **Working Groups and Trainings 2**

8 a.m. – 10:30 a.m.

#### WORKING GROUP

##### **Co-Production in Action: Building Collaborative Capacity for Adaptation in Natural Resource Management**

Madison Ballroom A

- **Todd Ontl**, USDA Northern Forests Climate Hub
- **Julian Reyes**, USDA Southwest Climate Hub

#### TRAINING

##### **Engaging Through Gaming: Five Games to Further Your Adaptation Goals**

Madison Ballroom C

- **Kristin Baja**, Urban Sustainability Directors Network

#### TRAINING

##### **Honing Engagement and Communication Skills to Catalyze Local Climate Adaptation Work: Lessons from the Resilience Dialogues**

Hall of Ideas F

- **Rachel Jacobson**, ASAP
- **Natalie Bennett**, U.S. Global Change Research Program

#### TRAINING

##### **Taking Stock and Staying on the Vanguard: Closing the Resilience Gap**

Madison Ballroom D

- **Joyce Coffee**, Climate Resilience Consulting
- **Susanne Moser**, Susanne Moser Research & Consulting

#### WORKING GROUP

##### **Climate Change Adaptation and Outdoor Recreation: Challenges and Opportunities**

Hall of Ideas H

- **Leslie Brandt**, U.S. Forest Service
- **Maria Janowiak**, U.S. Forest Service

### **Concurrent sessions 7**

11 a.m. – 12:30 p.m.

#### WORKING GROUP

##### **Toward a Common Policy Agenda for Clean, Climate-Resilient and Equitable Infrastructure Investments**

Madison Ballroom A

- **Jacqui Patterson**, NAACP

#### TRAINING

##### **Hope and the Climate Change Imperative – Building Stakeholder Support for Equitable Solutions**

Madison Ballroom B

- **Cara Pike**, Climate Access
- **Susanne Moser**, Susanne Moser Research & Consulting

#### SYMPOSIUM

##### **From Awareness to Action: Using Risk Visualization, Behavioral Science, and Storytelling to Encourage Resilience**

Madison Ballroom C

- **Devon McGhee**, Resilience Action Partners/Michael Baker International

#### TRAINING

##### **Building Resilience through Training: Water Utility Decision Support**

Hall of Ideas F

- **Laurna Kaatz**, Denver Water
- **Joel Smith**, Abt Associates

## CONCURRENT SESSIONS 7, CONT.

### SYMPOSIUM

#### *Progress, Challenges, and Opportunities in Implementing the National Fish, Wildlife, and Plants Climate Adaptation Strategy*

Madison Ballroom D

- **Maggie Ernest Johnson**, Association of Fish & Wildlife Agencies

### ORAL PRESENTATIONS

#### *Equitable Adaptation*

Hall of Ideas H

- **Ted Redmond**, paleBLUEdot LLC
- **Dana Brechwald**, Association of Bay Area Governments

### ORAL PRESENTATIONS

#### *Supporting Local Adaptation to Climate-Driven Risks: From Assessment to Action*

Hall of Ideas I

- **Megan O'Grady**, Abt Associates

## Luncheon sessions

12:45 p.m. – 1:45 p.m.

### WORKING GROUP

#### *Adaptation under Uncertainty: Advances in Scenario Planning for Adaptation Professionals*

Hall of Ideas E

- **Chris Hoving**, Michigan Department of Natural Resources
- **Carolyn Enquist**, Southwest Climate Adaptation Science Center

### SYMPOSIUM

#### *Enhancing the Interoperability of Three Key Climate Knowledge Platforms Through Cross-Sectoral Collaboration*

Hall of Ideas H

- **Jessica Hitt**, EcoAdapt
- **Jessica Grannis**, Georgetown Climate Center
- **Beth Gibbons**, ASAP

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### ORAL PRESENTATIONS

#### *Engaging in Resilience: Building Tribal Adaptive Capacity to Climate Change*

Hall of Ideas J

- **Stefanie Krantz**, Nez Perce Tribe

## Concurrent sessions 8

2:00 p.m. – 3:30 p.m.

### SYMPOSIUM

#### *Transformational Climate Adaptation Finance – From the 'Master's Tools' to the Power of the People*

Madison Ballroom C

- **Jacqui Patterson**, NAACP

### SYMPOSIUM

#### *Adapting Strategic Land Conservation as a Climate Adaptation Strategy*

Hall of Ideas E

- **Melissa Ocana**, UMass Amherst Extension

### WORKING GROUP

#### *Coordination and Collaboration in the Climate Resilience Ecosystem*

Hall of Ideas F

- **John Nordgren**, Climate Resilience Fund
- **Lara Hansen**, EcoAdapt

### SYMPOSIUM

#### *Coastal and Marine Protected Areas as Catalysts for Adaptation Action*

Hall of Ideas G

- **Lily Swanbrow Becker**, Florida Fish and Wildlife Conservation Commission

### SYMPOSIUM

#### *Lessons for Managed Retreat from Post-Disaster Buyouts*

Hall of Ideas I

- **Amanda Whitemore Martin**, SE Disaster Recovery Partnership
- **Devon McGhee**, Resilience Action Partners/Michael Baker International
- **A.R. Siders**, Harvard University

### ORAL PRESENTATIONS

#### *Catalyzing Cross-sector Adaptation*

Meeting Rooms MNQR

- **Kara Runsten**, Kim Lundgren Associates, Inc.
- **Yoon Kim**, Four Twenty Seven

### ORAL PRESENTATIONS

#### *From Sea to Resilience Sea and High Point in Between – Resilience across Gradient and Scales*

Meeting Rooms KLOP

- **Todd Mason La Porte**, George Mason University

# ASAP members presenting at the Poster Session and Tools Cafe

Tuesday, 5:30 p.m. – 8:30 p.m., Mezzanine Community Terrace

## Poster session

**Adaptation Finance in the Paris Agreement Era: Tracing the Adaptation Fund From Negotiations to Implementation**

- **Anna McGinn**, University of Maine

**After the Assessment: Informing and Prioritizing Projects and Strategies to Build Resilience**

- **Matt Hutchins**, NEMAC+FernLeaf
- **Jim Fox**, NEMAC+FernLeaf
- **Jeff Hicks**, NEMAC+FernLeaf
- **Karin Rogers**, NEMAC+FernLeaf
- **Nina Flagler Hall**, NEMAC+FernLeaf

**Apples to Elephants: Assessing and Prioritizing Climate Risks Across Sectors in British Columbia**

- **Cassandra Snow Bhat**, ICF

**Austin's Plan for Climate-Resilient Assets and Operations**

- **Zach Forrest Baumer**, City of Austin, Texas
- **Marc Coudert**, City of Austin, TX

**The 'Bite, Snack, Meal' Approach to Climate & Health Communications**

- **Nissa A Tupper**, Minnesota Department of Health

**BLUEDot Adaptation Toolkit – Case Study Review of a Scalable Project Approach for Rapid Vulnerability Assessments**

- **Ted Redmond**, paleBLUEDot LLC

**California Coastal Conservancy Climate Ready Program**

- **Carrie Boyle**, California State Coastal Conservancy
- **Kelly Malinowski**, California State Coastal Conservancy

**A Case Study Review: How Climate Indicators Inform Adaptation Decisions at City, State, and Regional scales**

- **Jason Vogel**, ABT Associates

**Catalyzing Adaptation Projects In Your Agency: A Half-Day Workshop Model**

- **Emily Sadigh**, Alameda County

**Climate Change and Conservation in the Southeast: A Review of State Wildlife Action Plans**

- **Kirstin Dow**, University of South Carolina

**Climate Change Vulnerability Assessment in a Great Lakes Archipelago National Park**

- **Stephen Handler**, Northern Institute of Applied Climate Science

**Climate Planning with Multiple Knowledge Systems: The Case of Tribal Adaptation Plans**

- **Miles Gordon**, Ohio University George V. Voinovich School of Leadership and Public Affairs
- **Derek Kauneckis**, Ohio University George V. Voinovich School of Leadership and Public Affairs

**Climate Ready Communities**

- **Marni Koopman**, Geos Institute

**Community Resilience in West Palm Beach, Florida: Investing Today for a Better Present and Future**

- **Jeff Hicks**, NEMAC+FernLeaf
- **Jim Fox**, NEMAC+FernLeaf

**Development of a Comprehensive Sea Level Rise Preparedness Strategy in King County, Washington**

- **Jim Simmonds**, King County Department of Natural Resources and Parks

**Emergent Groundwater and Sea Level Rise, the Silent and Largely Unknown Underground Threat**

- **Abby Mohan**, Silvestrum Climate Associates
- **Kris May**, Silvestrum Climate Associates

**Evaluating Social Resilience Capacity through Networks in Maricopa County, AZ**

- **Karina French**, Institute for Sustainable Communities
- **Emily Mead**, Institute for Sustainable Communities

**Evaluating the Utility of a New Local Climate Risk Assessment Tool**

- **Rachel E. Riley**, Southern Climate Impacts Planning Program

**Expanding the Role of Human Behavior in Climate Change Adaptation: Proposed Framework and Practices**

- **Jennifer Carman**, University of Michigan

**Exploring Integrating Adaptation into a State Wildlife Agency with the Climate Adaptation Explorer**

- **Lily Swanbrow Becker**, Florida Fish and Wildlife Conservation Commission

**Focusing the Frame: Engaging and Connecting with Your Resilience Audience**

- **Karin Rogers**, UNC Asheville's NEMAC
- **Nina Flagler Hall**, UNC Asheville's NEMAC

**Fostering Just Community Resilience, Equitable Climate Change Adaptation and Mitigation Policies and Comprehensive Action Plans**

- **Erika Spangler-Siegrfried**, Union of Concerned Scientists

**A Framework: Creating Community Profiles for Adaptation Professionals to Understand and Engage in Resilience Planning**

- **Shameika Hanson**, The Nature Conservancy

**From the Ground Up: Simulating Farmer Socio-cognition and Adaptive Capacity in Response to Climate Change**

- **Karen D Buchsbaum**, Antioch University New England

**How Resilient Are Our Cities? Comparing 101 Resilient Cities' Policies and Programs**

- **Sierra C Woodruff**, Texas A&M University

**Incorporating Adaptation into Traditional Land Protection Programs**

- **Alison Branco**, The Nature Conservancy

**Keeping Miami Above Water: Translating Sea Level Rise Science into Budgets and Capital Plans**

- **Karina Castillo**, Office of Resilience, Miami Dade County
- **Monica Gregory**, Office of Resilience, Miami Dade County

**Leveraging Climate Policy Networks to Improve Adaptation**

- **Derek Kauneckis**, Voinovich School of Leadership and Public Affairs, Ohio University

**Leveraging Network Analysis to Increase Equity and Inclusion: Ideas and Implications for Research and Practice**

- **Rachel Riley**, Southern Climate Impacts Planning Program

**New Trends in Reduction of CO2 Emissions and Climate Vulnerability**

- **Martina Grecequet**, University of Minnesota IonE

**Normal Weather and Utility Costs**

- **Hugh Gilbert Peach**, H. Gil Peach & Associates LLC

**Planning to be Resilient: Climate Change Adaptation through Local Comprehensive Planning**

- **Stacey Justus Nordgren**, Foresight Partners Consulting
- **Lara Hansen**, EcoAdapt

**The Science and Art of Building Community Resilience**

- **Jeff Hicks**, Fernleaf
- **Matt Hutchins**, NEMAC
- **Karin Rogers**, NEMAC
- **Jim Fox**, NEMAC

**Stakeholder-Driven Climate Adaptation in the Lao PDR Power Sector**

- **Jason Vogel**, Abt Associates

**Strategies to Advance Investments in Coastal Resilience Solutions in Boston**

- **Angela Wong**, MIT

**Strategies across Scales: Adaptation Planning from Indiana Dunes to the Greater Chicago Wilderness**

- **Abigail Derby Lewis**, The Field Museum

**Transferring Climate Adaptation Knowledge and Tools from New England to Georgetown, South Carolina**

- **Kirstin Dow**, University of South Carolina

**Vulnerability Assessments: Different Approaches, Outcomes, and Applications**

- **Laura Hilberg**, EcoAdapt
- **Rachel Gregg**, EcoAdapt

## Tools Cafe

**Compendium of Adaptation Approaches – USDA FS Climate Change Resource Center**

- **Hannah Abbotts**, Northern Institute of Applied Climate Science
- **Kristen Schmitt**, Northern Institute of Applied Climate Science

**Ecodiva: A Tool for Integrating Drivers of Ecological Drought to Support Pro-Active Planning**

- **Molly Cross**, Wildlife Conservation Society
- **Kimberly R. Hall**, The Nature Conservancy

**Hedging Bets for Biodiversity: TNC's Resilient Land Mapping Tool**

- **Kimberly R. Hall**, The Nature Conservancy

**A Preview of the Georgetown Climate Center's Managed Retreat Toolkit**

- **Katie Spidaliere**, Georgetown Climate Center

**Adaptation Workbook**

- **Danielle Shannon**, Michigan Tech, Northern Institute of Applied Climate Science
- **Stephen Handler**, USDA Forest Service, Northern Institute of Applied Climate Science
- **Maria Janowiak**, USDA Forest Service, Northern Institute of Applied Climate Science

**What's Your Exposure?: Explore Past, Present, and Projected Climate Stressors with the Climate Explorer and Other Tools**

- **Jeff Hicks**, NEMAC-FernLeaf Collaborative

**Climate Ready Communities: An Assisted Do-It-Yourself Climate Adaptation Program for Small to Mid-Sized Communities**

- **Marni Koopman**, Geos Institute

# ASAP Code of Conduct and Professional Ethics

## **VALUES AND BELIEFS**

ASAP has adopted the following member created Guidelines for Professional Conduct and Ethical Practice ("Guidelines") to enhance the benefits of the climate adaptation and related professional fields to humanity and the living systems upon which we all depend, to uphold the dignity and honor of the adaptation profession, and to provide guidance for individual members, institutional members, or for members in association with other professions.

The following represent the foundational values and beliefs that the members of American Society of Adaptation Professionals hold:

- **Climate change is a real and serious danger to all sectors and systems.**
- Adaptation and resilience build stronger, more prepared regions, ecosystems, communities, neighborhoods, and households.
- Equity and environmental justice should be major considerations in all work done by adaptation professionals.
- The natural world renders countless essential services and intrinsic value, many of which are threatened by climate change.
- Creativity, innovation and transformative problem solving are essential tenets of work that aims to address new and changing climate conditions.
- Adaptation is and will continue to be a critical tool for ensuring that communities, infrastructure, the environment, cultural assets, our national security, and the economy continue to function and have the opportunity to thrive.
- Adaptive decision-making is essential
- Integrating consideration of future conditions and the full range of possible climate outcomes is essential for smart planning and in assessments of prospective risk and vulnerability.
- Adaptation research, policies, practices, and actions are most effective when contextualized.
- Adaptation strategies should be evaluated as to their impacts (positive and negative) to other systems, scales, and sectors.
- Climate adaptation strategies and processes should recognize the economic and social determinants that compound vulnerability to climate risks.
- Science is the basis for our knowledge of climate change vulnerability and risk.
- Adaptation professionals are responsible to act on the basis of values as well as on what they know.

## **PRINCIPLES AND GUIDELINES**

### **A. Advance Knowledge**

Members should:

- Advance the development of our profession by contributing to the knowledge and capability of the adaptation field as a whole.
- Examine the applicability of adaptation theories, methods, research, and practice to each particular situation.
- Provide timely, adequate, clear, and accurate information on planning, preparedness, mitigation, and adaptation issues and/or practice to all affected persons and decision-makers.
- Work across a broad range of disciplines to mitigate and adapt to climate change and disasters.
- Keep abreast of relevant scientific and technical developments.

### **B. Operate with Integrity**

#### **1. SCIENTIFIC INTEGRITY**

Members should:

- Ground practice in sound scientific principles and methods (including traditional and community knowledge).
- Take full responsibility for the trustworthiness of their research and practice.

#### **2. ETHICAL INTEGRITY**

Members should:

- Reflect excellence, integrity, fairness, honesty, and inclusiveness in all aspects of research, professional practice, and communication.
- Exercise impartiality, diligence, and objectivity in professional work.
- Be personally accountable, unselfish cooperators, and good stewards in the conduct of research and practice.
- Take responsibility for the integrity, quality, and objectivity of contributions when sharing data, results, findings, and new knowledge.
- Conduct research and practice in full understanding of all relevant principles, norms, laws, rules, regulations, codes, and customs.

- Undertake professional services only when qualified.
- Promote and serve the public interest.

### **3. MANAGING CONFLICT OF INTEREST**

Members should:

- Fully disclose financial, personal, professional, and other conflicts of interest.
- Neither offer nor make any payment or gift to a public official with the intent of influencing the official's judgment.
- Refrain from using confidential information for personal advantage.
- Refrain from engaging in private discussions with decision makers in any manner prohibited by law or by agency rules, procedures, or custom.

### **4. MANAGING LEGAL CONCERNS**

Members should:

- Embrace the law governing professional affairs.
- Conduct research and practice in full understanding of all principles, norms, laws, rules, regulations, codes, and customs applicable to the relevant sectors and fields of practice.
- In circumstances where decisions or actions violate a law or regulation and/or adversely affect public safety, members shall: (a) advise their employer or client against the decision; (b) refuse to consent to the decision; and, (c) report the decision to the public official charged with the enforcement of the applicable laws and regulations.
- Not engage in conduct involving fraud or wanton disregard of the rights of others.
- When the law does not support activities that are in alignment with sound climate adaptation practices, work to communicate why those laws are societally malfeasant.

## **C. Operate in the Best Interests of Clients and the Public**

### **1. EMBRACE DIVERSITY AND SOCIAL JUSTICE**

Members should:

- Engage and interact fairly and evenhandedly with all participants.
- Not discriminate on the basis of race, religion, gender, national origin, age, disability, or sexual orientation.
- Increase opportunities for members of underrepresented groups to become adaptation professionals.

- Ensure that stakeholders have the opportunity to meaningfully impact the development of plans and programs that may affect them.
- Seek social justice by working to expand choice and opportunity for all persons.
- Conscientiously consider the specific impacts on and needs of underserved, under-resourced, front-line, or isolated communities in all aspects of work.

### **2. FOCUS ON THE NEEDS OF THE CLIENT**

Members should:

- Serve clients competently and in a professional and timely manner.
- Accept the decisions of client or employer concerning the objectives and nature of professional services performed unless the course of action is illegal or inconsistent with the public interest.
- Refrain from materially altering the scope or objectives of a project without the client's consent.
- Be truthful, keep clients reasonably informed, and maintain confidentiality in professional communications, except when breach is necessary.
- Fully and openly advise client as to the likelihood of project success.
- Expect respect from and give respect.
- Promote and serve the public interest in personal and professional activities.
- Actively and willingly work to improve societal standards, in response to social and technological change.

### **3. CONSIDER THE ENVIRONMENT, SUSTAINABILITY, AND OBLIGATIONS TO THE PRESENT AND FUTURE**

Members should:

- Respect, protect, and improve the environment.
- Preserve the cultural heritage of civilizations and societies.
- Be an innovative, systems thinker in the pursuit of long-term goals of sustainability.
- Support and promote sustainable actions and challenge unsustainable actions.
- Respect future generations.
- Set a good example and participate in efforts to inform and empower future adaptation professionals.

## **CONCLUSION**

- In addition to the above requirements of membership, ASAP encourages its members to embrace voluntary public interest or pro-bono activities as a contribution to building the field.

## ASAP Members, Partners, and Funders

The **American Society of Adaptation Professionals** connects and supports climate adaptation professionals to advance innovation and excellence in the field of practice. Our work is made possible by our members, partners, and funders, including:

THE  
KRESGE  
FOUNDATION



CRF  
CLIMATE RESILIENCE FUND



GEORGETOWN  
CLIMATE CENTER



THE COLLIDER





Lake Monona



# ASAP



AMERICAN SOCIETY OF  
ADAPTATION PROFESSIONALS

[www.adaptationprofessionals.org](http://www.adaptationprofessionals.org)

**THE CLIMATE IS CHANGING.**  
NOW IS THE TIME FOR ACTION. THIS IS THE PLACE FOR YOU.