

Value Added: RISA's Impact across Sectors

RISA Annual Meeting 2017 (June 6-8)

Key Bridge Marriott
1401 Lee Hwy, Arlington, VA 22209

Day 0 - Monday, June 5, 2017

1:00p – 5:00pm Pre-meeting on Evaluation..... Washington Room [3rd floor]

Day 1 - Tuesday, June 6, 2017

8:00 – 9:00am Continental Breakfast..... Georgetown Salon C

9:00 – 10:30am Introductions & Welcome..... Georgetown Salons AB

- **9:00 – 9:15** CSI Introductions and Welcome
- **9:15 – 9:45** RISA Team Introductions
- **9:45 – 10:30** Keynote Speaker & Discussion
 - Debra Knopman
Senior Principal Researcher, RAND Corporation

10:30 – 10:45am BREAK

10:45 – 11:45am Session 1: Decision-making Strategies for Climate Resilience across Rural and Urban Communities Georgetown AB

Facilitator: Dan Bader

This session will focus on how RISA programs inform decision-making across a range of different communities (from rural to urban). In particular, there will be a focus on the outcomes and lessons learned from applying key RISA products and processes for adaptation and preparedness. Understanding the differences between urban and rural adaptive capacities will be discussed and used to address the cross-scale applicability of RISA research.

Speakers:

- ACCAP (Nathan Kettle) – Climate Adaptation Planning with the Nome Eskimo Community
- GLISA (Jenna Jorns) – The Climate-Ready Infrastructure and Strategic Sites Protocol (“CRISSP”)
- CCRUN (Dan Bader) – Climate Projections to inform Resiliency Efforts in NYC
- CLIMAS (Dan Ferguson) – Community Climate Profiles

11:45am – 1:00pm LUNCH (on your own)

Optional: Program Manager (PM) Gathering – Dan Bader, CCRUN

Science Translation Training Discussion – Sarah Trainor, ACCAP

1:00 - 2:30pm Concurrent Session 2A: Climate and Public Health..... Georgetown AB

Facilitator: Hunter Jones

A brief overview of climate and health activities within the federal government, followed by presentations on RISA climate and health activities. Several inter-agency partners have been invited to share their perspective on opportunities for future engagement and collaboration.

Speakers: Ashley Ward (CISA), Pat Kinney (CCRUN), Omar Gates (GLISA), Victoria Keener (Pacific RISA)

- Juli Trtanj
One Health and Integrated Climate Research Lead
NOAA Climate Program Office
- Dr. Isabel Walls
National Program Leader for Food Safety
USDA's National Institute of Food and Agriculture

1:00 – 2:30pm Concurrent Session 2B: Drought Planning across Timescales..... FSK Salon A

Facilitator: Mark Shafer

Speakers: Kathie Dello (CIRC), Kirsten Lackstrom (CISA), Tamara Wall (CNAP), Ursula Rick (WWA), Dan Ferguson (CLIMAS)

This session will explore the current state of short-term and long-term drought planning activities. Select speakers from RISA teams funded by NIDIS will reflect on their experiences integrating DEWS activities with long-term preparedness and resilience plans. The panel will be followed by a general discussion on cross-RISA and cross-DEWS activities and engagement.

Goals:

1. What research have we learned from our DEWS activities that ties into longer-term preparedness and resilience?
2. What engagement or new partnerships from the DEWS has led to other work?
3. What core work from our RISAs can inform DEWS activities?
4. How does our DEWS work relate to development of a national DEWS?

2:30 – 3:00pm BREAK

Video: “Climate Matters for Ridge to Reef Ecosystems” by Pacific RISA

3:00 – 4:30pm Session 3: Strengthening National Security..... Georgetown AB

Facilitator: Laura Petes

We will hear from leading experts in the field of climate and national security, as well as RISA teams working in the national defense sector. There will be an opportunity for Q&A, and a discussion on future engagement opportunities for RISA teams.

- Alice C. Hill
Research Fellow, Hoover Institution, Stanford University
- Rear Admiral David W. Titley, USN (ret.)
Director, Center for Solutions to Weather and Climate Risk, Pennsylvania State University
- Swathi Veeravalli
Research Scientist, Geospatial Research Laboratory, Engineer Research and Development Center, U.S. Army Corps of Engineers
- Victoria Keener
Lead Principal Investigator, Pacific RISA
- Nathan Kettle
Co-Investigator, Alaska Center for Climate Assessment and Policy (ACCAP) RISA

4:30 – 4:45pm Day One Recap & Plans for Day Two

4:45 – 5:30pm Tools Cafe

Please join us for brief demos of several RISA tools.

- ACCAP: The Pan-Arctic Sea Ice Atlas
- CIRC: The Northwest Climate Toolbox
- CISA: CoCoRaHS (Community Collaborative Rain, Hail, and Snow) network web map
- CISA: Convergence website and the Heat Health Vulnerability Tool (HHVT)
- Pacific RISA: The Hawaii Rainfall Atlas
- SCIPP: The Historical Climate Trends Tool
- WWA: Intermountain West Climate Dashboard, and the Drought Ranching and Insurance Response Model (DRIR)

5:30 – 7:00pm Networking with Stakeholders..... Connexion

Day 2 - Wednesday, June 7, 2017

8:00 – 9:00am Continental Breakfast..... Georgetown C

9:00 – 10:00am Closed Session: RISA Strategy Session [RISA teams only]..... Georgetown AB

This is a closed session, for RISA teams to discuss their external networking strategies within and across RISAs.

10:00 – 10:10am BREAK

10:10 – 10:15 CSI Welcome

10:15 – 11:15am Session 1: What Lessons can be Learned to Position RISAs for Success?..... AB

Facilitators: Kathie Dello (CIRC) & Dan Bader (CCRUN)

Team Leads: Neil Berg (MARISA), Ursula Rick (WWA), Kirstin Dow (CISA), Dan Ferguson (CLIMAS), Maria Lemos (GLISA), Mark Shafer (SCIPP), Victoria Keener (Pacific RISA), Sarah Trainor (ACCAP)

Goals:

1. Determine a set of "characteristics" that are transferable for teams interested in joining RISA
2. Demonstrate value of RISA success to broader adaptation community and Congress
3. Understand the best practices and areas of improvement identified by the individual teams and use them to formulate a broader discussion
4. Knowledge transfer across existing RISAs at different stages in their maturity (from CLIMAS to MARISA)

Homework assignment: RISAs should come prepared to present examples from their region. What is working well, and is a key success that can be transferable? What's not working, or a key challenge? And, how does your team frame research questions to include both social and physical sciences?

11:15 – 11:50pm Discussion 1: Shared Risks across Systems, Space and Time..... Georgetown AB

Speakers: Dan Bader & Radley Horton (CCRUN)

As weather and climate risk assessments have advanced, it has become clearer that some local and sectoral risks cannot be adequately estimated based solely on local weather and climate information and single sector analysis. CCRUN will provide brief examples of how local sectors have been affected by 1) cascading impacts across sectors (e.g. infrastructure dependencies), 2) larger geographies (lightning induced power failure affecting the eastern United States), and multi-event timescales (e.g. cold nor'easter after Hurricane Sandy). We would then like to devote the vast majority of the session, which we hope might ultimately lead to a high-level cross-RISA publication, to hearing perspectives from other RISAs on the following questions:

- Have your stakeholders been affected by extreme weather events and climate impacts outside the geographical domain of your RISA? If so, how?

- What are some of the most compelling examples from your region of how a sector/stakeholder group has been indirectly affected by a weather or climate impacts borne by another sector/stakeholder group (within your region)?
- Are there examples from your region of how a unique sequence of extreme weather/climate events has produced impacts (including perhaps changes in behavior), that are distinct from what would be expected if weather/climate events were considered in isolation?
- Does this 'shared risk' framework resonate with you? What is missing/could be improved?
- How can/should this 'shared risk' thinking inform the RISA program, and resiliency planning more generally?

11:50 – 12:45pm LUNCH (catered) Georgetown AB

Speaker: Dr. Wayne Higgins

An introduction to S2S (seasonal to sub-seasonal) Activities, the Weather Research and Forecasting Innovation Act of 2017, and Weather-Ready Nation.

12:45 – 1:45pm Session 2: Weather, Water and Climate Georgetown AB

Facilitator: Caitlin Simpson

A continuation of our lunch discussion. Panelists will provide brief overviews of NOAA's new National Water Center, Weather Portfolio, and Weather-Ready Nation, followed by time for discussion with the RISA network.

- Peter Colohan
Director, Service Innovation and Partnership, National Water Center
NOAA National Weather Service
- John Cortinas
Director, Office of Weather and Air Quality (OWAQ)
NOAA Office of Oceanic and Atmospheric Research
- Doug Hilderbrand
Weather-Ready Nation Ambassador Lead
NOAA National Weather Service

1:45 - 2:45pm Session 3: Incorporating Climate into Economic Planning..... Georgetown AB

Facilitator: Claudia Nierenberg

A panel of stakeholders will share their perspective on incorporating resilience objectives into economic development plans and programs. Panelists will share their highest priorities needs, and how the research, assessment and coordination activities of the RISA teams can best support knowledge needed for economic planning.

- Kate Johnson
Climate Program Analyst
DC Department of Energy & Environment
- Kevin Bush
Resilience Team Lead
U.S. Department of Housing and Urban Development
- Jack Morgan
Program Manager, Community Economic & Workforce Development
National Association of Counties (NACo)
- Yoon Hui Kim
Director of Advisory Services
Four Twenty Seven, Inc.

2:45 – 3:00pm BREAK

3:00pm – 5:00pm Field trip (Theodore Roosevelt Island)

- Meet in the lobby for a 15 minute walk to the Theodore Roosevelt Memorial. A National Park Service Ranger will join us for a guided tour of the Island.
- Optional evening activity: The Key Bridge Boathouse is a 20 minute walk from the hotel, for those who would like to rent a canoe, kayak, or paddleboard following our hike (closes 8pm)

Day 3 - Thursday, June 8, 2017

8:00 – 9:00am Continental Breakfast..... Georgetown C

Videos: “Supplying Stakeholders on the Savannah,” Flying Ahead of Troubled Waters,” and “Lost Lakes” by Carolinas Integrated Sciences and Assessments (CISA)

9:00am – 9:05am CSI Welcome

9:05 – 10:15am Session 1: Communicating RISA’s Impact Georgetown AB

Organizer: Sean Bath

A classroom session on Science Communications, followed by a working session to provide peer-to-peer feedback on RISA communication materials.

Panel:

- David Herring
Director of Communications, Education, and Engagement
NOAA Climate Program Office
- MacKenzie Solomon
Congressional Affairs Specialist
NOAA Office of Legislative and Intergovernmental Affairs
- Kathy Bogan
Communications Specialist
NIDIS

Homework assignment: RISAs should come prepared with 1-3 impact stories from their team (short stories of accomplishments, 2-pgs max), to review and edit/workshop together. Please bring printed copies with you on Day 1.

10:15 – 10:30am BREAK

10:30 – 11:30am Concurrent Discussion 1a: Future Capacity-Building..... Georgetown AB

Facilitator: Caitlin Simpson

A brainstorming session on future capacity-building opportunities for early-career scientists. Topics may include: support for an early-career scientist network, potential for partnerships with professional development societies, broader partnership opportunities within the federal government, and session theme or format ideas for next year’s RISA Annual Meeting.

10:30 – 11:30am Concurrent Discussion 1b: Science Translation Training Discussion..... FSK A

11:30am – 12:00pm Concluding Remarks..... Georgetown AB