

2018 Minnesota Climate Adaptation Conference

“Past, Present, Future, Together”

November 14, 2018

University of Minnesota
[Continuing Education and Conference Center](#)
1890 Buford Avenue
St. Paul, MN 55108



Agenda

- 7:30-8:15 **Registration and Continental Breakfast**
- 8:15-8:30 **Welcome Ceremony**
Joe Bendickson, Lake Traverse Reservation, Dakota Language Teaching Specialist, University of Minnesota
Introduction by Tansey Moore, Climate Change Specialist, 1854 Treaty Authority
- 8:30-8:45 **Opening Remarks**
Jeffrey Peterson, Director, Water Resources Center, University of Minnesota
- 8:45-10:15 **Plenary Session** (Room 135) – Perspectives about the past, present, and future of climate change and opportunities to build adaptation and resilience
- Panelists: **Karen Diver** – Faculty Fellow for Inclusive Excellence and Native Studies, College of St. Scholastica; former Special Assistant to the Obama White House on Native American Affairs; former Chairwoman of the Fond du Lac Band of Lake Superior Chippewa
- Olivia LeDee** – Acting Federal Director, Northeast Climate Adaptation Science Center, U.S. Geological Survey
- Zaria Romero** – Youth Representative, Climate Generation
- Moderator: **Kenneth Blumenfeld**, Senior Climatologist, Minnesota State Climate Office
- 10:15-10:30 Break

- 10:30-11:50 **Breakout Session I**
- **Local Examples: Planning for Healthier, More Resilient Communities** (Room 42)
Denise Engen, Hennepin County
Moderator: Denise Engen, Hennepin County
 - **Adapting Minnesota's Forests to a Changing Climate** (Room 155A)
Leslie Brandt, Northern Inst. Applied Climate, USDA Forest Service
Moderator: Stephen Handler, U.S. Forest Service
 - **Stormwater Infrastructure Vulnerability Assessment and Adaptation Planning** (Room 155B)
Janna Kieffer, Barr Engineering
Moderator: Erik Hansen, HGA
 - **Minnesota Ojibwe Bands Preparing for a Changing Climate** (Room 83)
Tansey Moore, 1854 Treaty Authority
Moderator: Tansey Moore, 1854 Treaty Authority
- 11:50-12:00 Break and lunch buffet line
- 12:00-12:50 **Luncheon** (Room 135)
Keynote Speaker: Mark Hertsgaard, author of *HOT: Living Through the Next Fifty Years*
- 12:50-1:20 **Awards Ceremony** (Room 135)
Presented by Mark Seeley
- 1:20-1:45 Poster session, book signing, and break
- 1:45-3:15 **Breakout Session II**
- **Human Dimensions, Societal Issues, and Communications** (Room: 42)

Climate Adaptation: Core Curriculum in an Academic Health Center
Shanda Demorest, UMN School of Nursing

Keep the North Cold: Exploring Unconventional Agriculture and Business Climate Collaboration
Aaron Reser, Green Lands Blue Waters

Youth Convening Minnesota: Youth Leading Climate Solutions
Jothsna Harris, Climate Generation
Kira Liu, Climate Generation
Zaria Romero, Youth Representative, Climate Generation

Moderator: Shahram Missaghi, University of Minnesota Extension

- **Natural Resources Adaptation Strategies (Room 155A)**

Climate Adaptation Status, Issues, and Opportunities in Minnesota Forests

Eli Sagor, UMN Cloquet Forestry

Changing Climate Impacts on River Nitrogen Loads

Satish Gupta, UMN

The Landscape of Proposed Adaptation Projects in the US and Midwest Conservation Sector

Sarah Skikne, UC Santa Cruz

Moderator: Fred Rozumalski, Barr Engineering

- **Infrastructure Adaptation Strategies (Room 83)**

Climate Resiliency Planning and Energy Efficient Buildings

Douglas Ahl, Seventh Wave

Potential Benefits of Rural Photovoltaics to Climate Adaptation

Patrick Hamilton, Science Museum of Minnesota

Building Resiliency in South Washington County

John Loomis, South Washington WD

Moderator: Patrick Hamilton, Science Museum of Minnesota

- **Tools (Room 155B)**

Utilizing Forecast Technology for Flood Prevention

Tiffany Schaufler, Minnehaha Creek WD

Trends in the Frequency of Intense Rainfall Events in Minnesota from 1948-2017

Jason Ulrich, Science Museum St. Croix Research Station

Cool and Collected: A Means to Resilience

Eric Wojchik and Emily Resseger, Met Council

Moderator: Ann Banitt, U.S. Army Corps of Engineers

3:15-3:30 Break

3:30-5:00 **Breakout Session III**

- **Human Dimensions, Societal Issues, and Communications (Room 42)**

Exploring the Leadership Role of Higher Education in Minnesota Climate Adaptation

Troy Goodnough, UMN Morris

Engaging Rural Communities on Climate and Energy Issues

Camille Morse Nicholson, Jefferson Center

Exploring the Role of Outdoor Recreation in Climate Resilience

Thomas Beery, UMN Sea Grant

Moderator: Nissa Tupper, Minnesota Department of Health

- **Natural Resources Adaptation Strategies** (Room 155A)

Adaptation Strategies for Fisheries Management in Northeastern Minnesota

Dean Paron, MNDNR Fisheries

Understanding Largemouth Bass Range Expansion in Northeastern Minnesota

Bethany Bethke, MNDNR Fisheries

Climate Warming Presents Challenges for Water Quality Restoration in Lake of the Woods

Jesse Anderson, MPCA

Moderator: Leslie Yetka, Freshwater

- **Infrastructure Adaptation Strategies** (Room 155B)

Holistic Planning for Campus Resilience: Collaborative Gaming Workshop (limit 36)

Elizabeth Turner, Precipitate, PLLC

Moderator: Elizabeth Turner, Precipitate, PLLC

- **Tools** (Room 83)

Incorporating Climate Resilience within Civil Works Studies

Garrett Blomstrand, US COE

Minnesota Interagency Climate Adaptation Team

Laura Millberg, MPCA; Dan Shaw, BWSR

Connect on Health Tips and Tricks for Effective Climate Communication

Micaela Resh, MDH

Moderator: Erik Hansen, HGA

5:00-5:10 **Conference Evaluation**

5:10-5:30 **Networking**