

Harnessing the Heartland: Utilizing Earth Observations for Improved Environmental Health

February 29 - March 1, 2024
College of Nursing- Room 2018
University of Nebraska Medical Center
Omaha, NE

Meeting Goals

- Identify and understand the regional environmental health threats
- Understand opportunities to use earth observation data to address threats and potential threats to environmental health.
- Explore opportunities for collaboration and potential solutions to environmental health concerns

Agenda: Day 1, Thursday, February 29, 2024 (all times are in Central Standard Time)

- 8:30 AM – 9:00 AM **Registration/Breakfast (Breakfast provided)**
- 9:00 AM – 9:15 AM **Welcome**
Ken Bayles, Vice Chancellor for Research, University of Nebraska Medical Center
- 9:20 AM – 9:30 AM **NASA Introductory Remarks**
Bob Swap, Associate Division Director for Mission Planning, Earth Sciences, National Aeronautics and Space Administration
- 9:30 AM – 9:45 AM **Water, Climate, and Health Program Introductory Remarks**
Jesse Bell, Claire M. Hubbard Professor of Water, Climate and Health, University of Nebraska Medical Center
- 9:45 AM – 10:00 AM **Break**
- 10:00 AM – 10:30 AM **Attendee Introductions**
- 10:30 AM – 11:30 AM **Panel Discussion: Environmental Health Threats**
Jesse Berman, University of Minnesota
Kristina Kintziger, University of Nebraska Medical Center
Tirthankar Roy, University of Nebraska - Lincoln
Jun Wang, University of Iowa

11:30 AM – 12:30 PM **Lunch (provided)**

12:30 PM – 1:30 PM **Breakout Session 1: *What are the current environmental health issues that you are currently working on? What are the environmental health issues that no one is currently working on in this region?***

1:45 PM – 2:45PM **Panel Discussion: Data to Action**
Richard Remigio, NIH National Cancer Institute
Babak J. Fard, UNMC
Zhenghong Tang, UNL

2:45 PM – 3:00 PM Break

3:00 PM – 4:00 PM **Breakout Session 2: *What are the gaps in your work that are not able to be currently solved/addressed? What are the barriers keeping us from working on the environmental health issues not addressed in the region?***

4:00 PM – 4:30 PM **Day 1 Wrap-up**

5:00 PM – 7:00 PM **Networking Reception and Dinner**
Location: Vis Major (3501 Center St, Omaha, NE 68105)
Light Refreshments Provided/Cash Bar

Agenda: Day 2, Friday, March 1, 2024

8:30 AM – 9:00 AM **Breakfast (provided)**

9:00 AM – 9:20 AM **Keynote Presentation:**
Ali Khan, Dean, College of Public Health, University of Nebraska Medical Center

9:25 AM – 10:15 AM **Panel Discussion: Communication, Education, and Engagement**
Hank Miller, Nebraska Indian Community College
Rachael Birn, UNMC/Environmental Public Health Tracking
Rachel Lookadoo or Summer Woolsey, UNMC

10:15 AM – 11:00 AM **Breakout Session 3: *What tools/products are needed to serve the population?***

11:00 AM – 12:00 PM **Breakout Session 4: *What are the next steps to successfully address environmental health issues relevant now and in the future?***

12:00 PM – 1:00 PM **Lunch and Socializing (Boxed lunch provided)**
Culminating Discussion and Debrief

2:00 PM – 3:00 PM **Tour of iEXCEL at the Davis Global Center (Optional)**