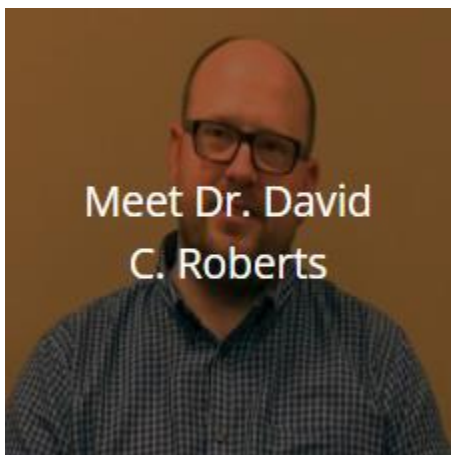
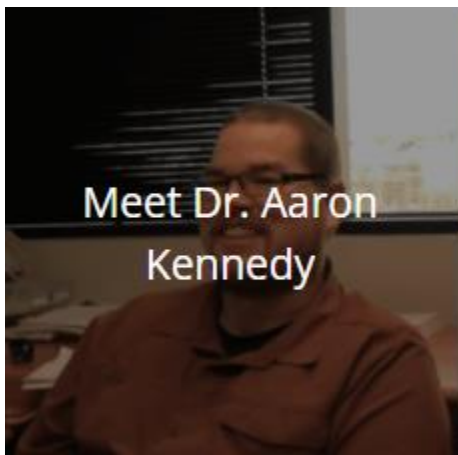
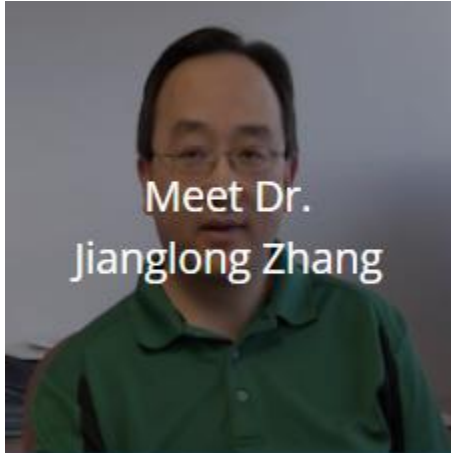


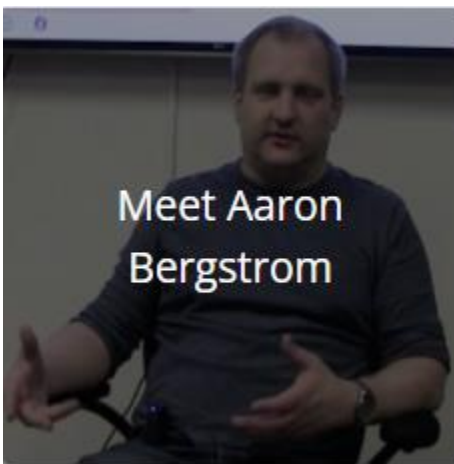
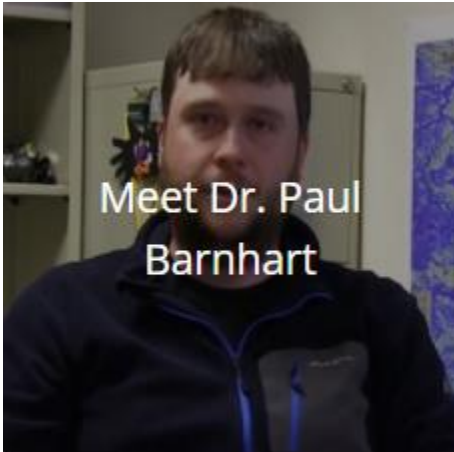


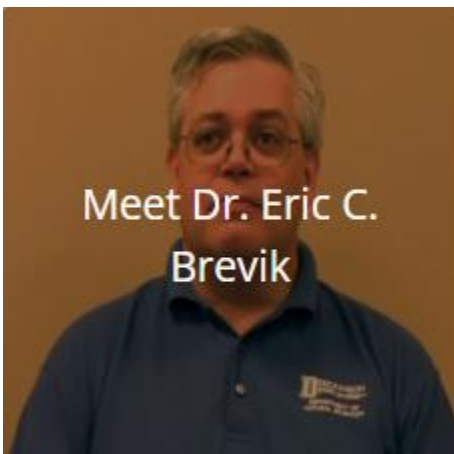
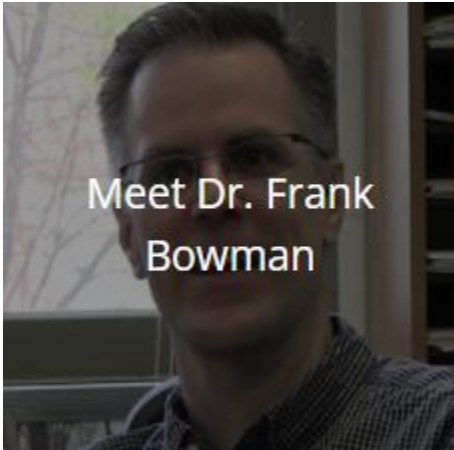
## DATASETS

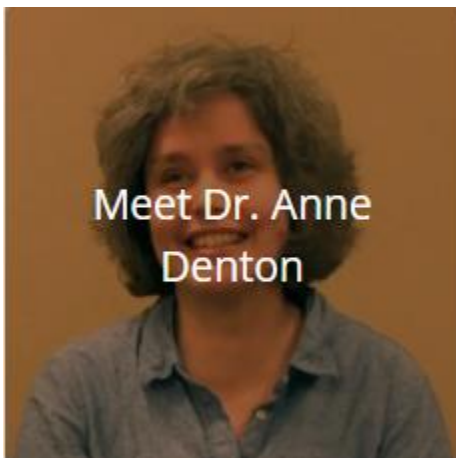
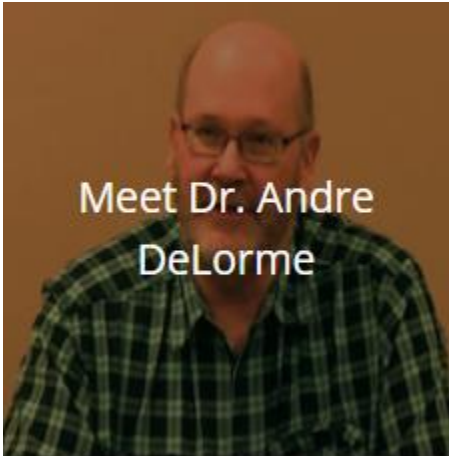
Datasets generated by the Center for Regional Climate Studies are openly available to all via the [University of North Dakota Chester Fritz Library's Information Repository](#). Datasets are added as team members complete their research and related publications.

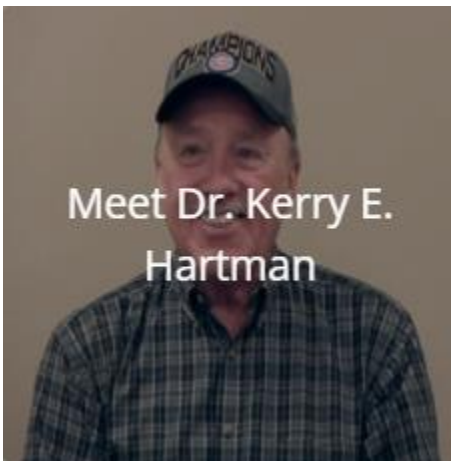
MEET THE SCIENTISTS

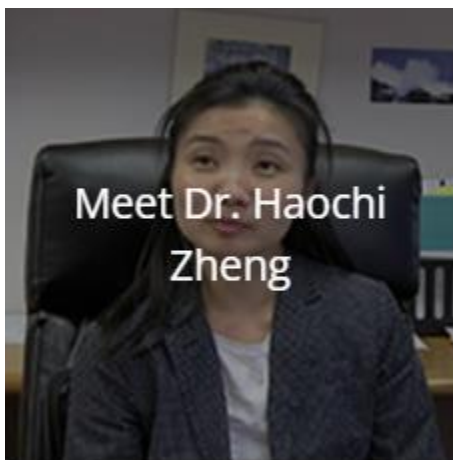
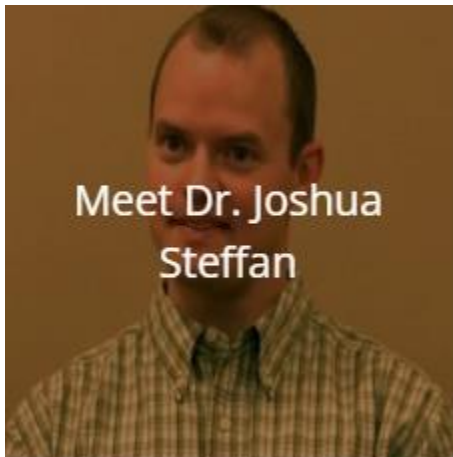












**HOW DOES IT WORK?**

Is it ever too cold  
to snow?

Can it ever get  
so cold that  
boiling water will  
freeze before  
hitting the  
ground?





Is it Different?  
Sisseton  
Weather

Is it Different?  
Sisseton  
Weather

Is it Different?  
Eastern vs.  
Western North  
Dakota Weather

Are there rules  
that you have to  
follow when  
researching  
people?

How are they  
Different?  
Rural vs. Larger  
Town Schools in  
North Dakota

How did  
differences in  
schools change  
your research  
approach?



What kind of training do you offer to current teachers?

What kind of experiments do you bring to schools?

What is a weather model & how do they work?

What do scientists learn from agriculture producers?

How can atmospheric science help agriculture producers?

How do team researchers use NASA data?



How do aerosols  
impact human  
health?


How do aerosols  
impact the  
weather?

What prevents  
scientists from  
collaborating  
more?

WHAT DOES IS MEAN?

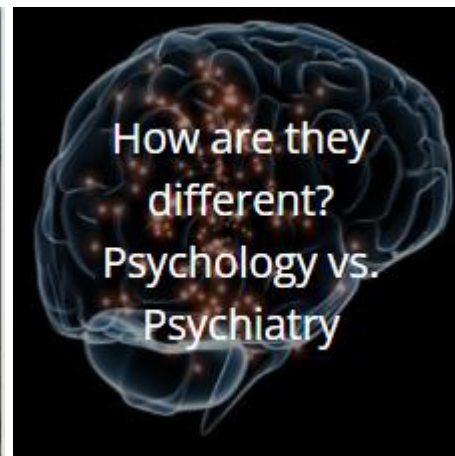
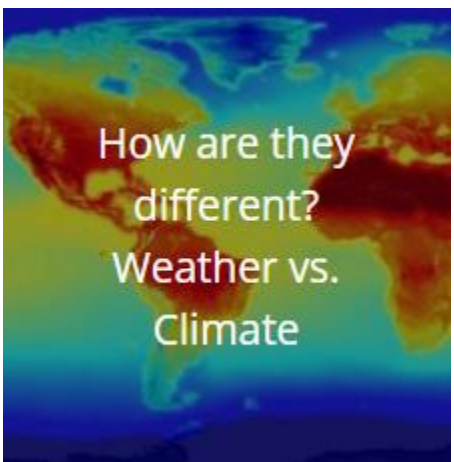
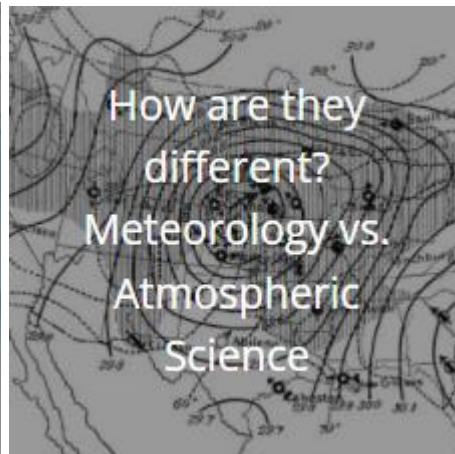


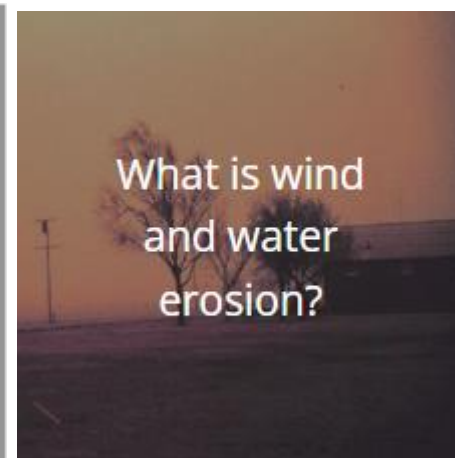
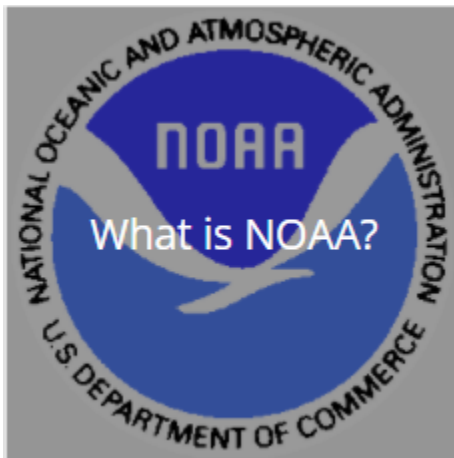
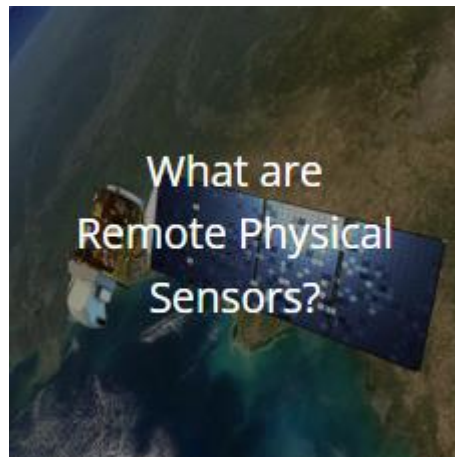
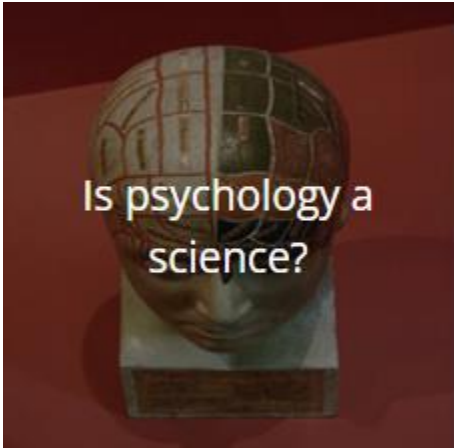
What is frost?

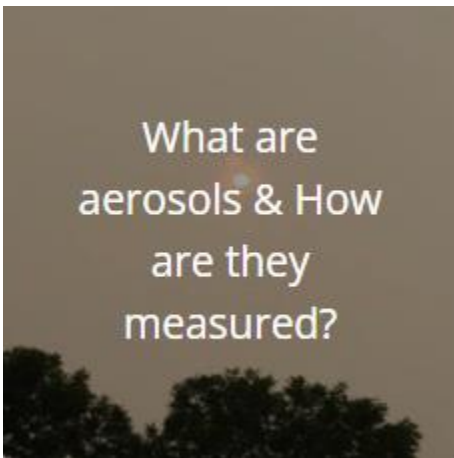
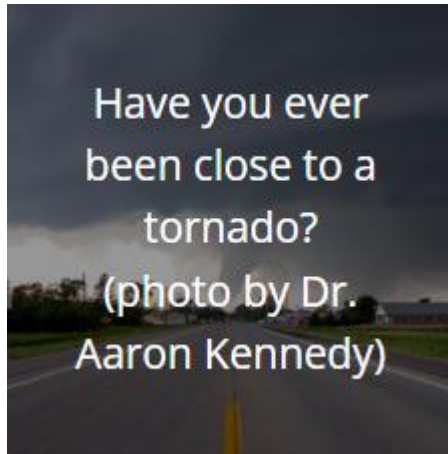
A close-up photograph of a leaf covered in intricate, white frost crystals. The frost has formed a complex, star-like pattern on the surface of the leaf.

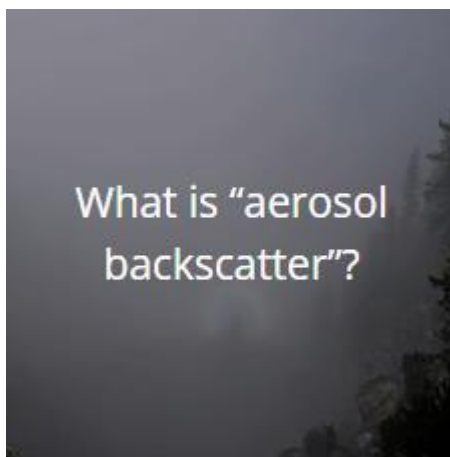
What is a  
blizzard?

A photograph showing a heavy blizzard. The scene is dominated by thick, white snow falling from a grey, overcast sky. The ground is also covered in snow, and the overall atmosphere is hazy and wintry.









## SCIENCE CAFES AND SEMINARS

WEDNESDAY, JANUARY 15, 2020 – 7:00PM TO 8:00PM

Event Type: Seminar

Program: Center for Regional Climate Studies (CRCS)

EPSCoR Attendee(s):

Aaron Kennedy – University of North Dakota

Will this event be attended by non-EPSCoR participants: Yes

URL: <https://www.facebook.com/HoppeduponScience>

Abstract or Short Description:

Hopped up on Science is a STEM Cafe organized by CRCS Participant Aaron Kennedy. Each month, a scientist presents a 30-40min talk in an informal setting. This talk is then followed by open discussion/questions. During this meeting, Carl Jones, forecaster and CRCS collaborator gave a talk titled: 'Blizzards and Blowing Snow Viewed from Space'

## SCIENCE CAFÉS

[Helpful Hydrogels: A Useful Tool for Hands-on Learning](#)

[Extreme Weather of the Northern Plains](#)

[Fractal Dimension of Remotely Sensed Data](#)