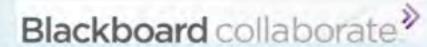


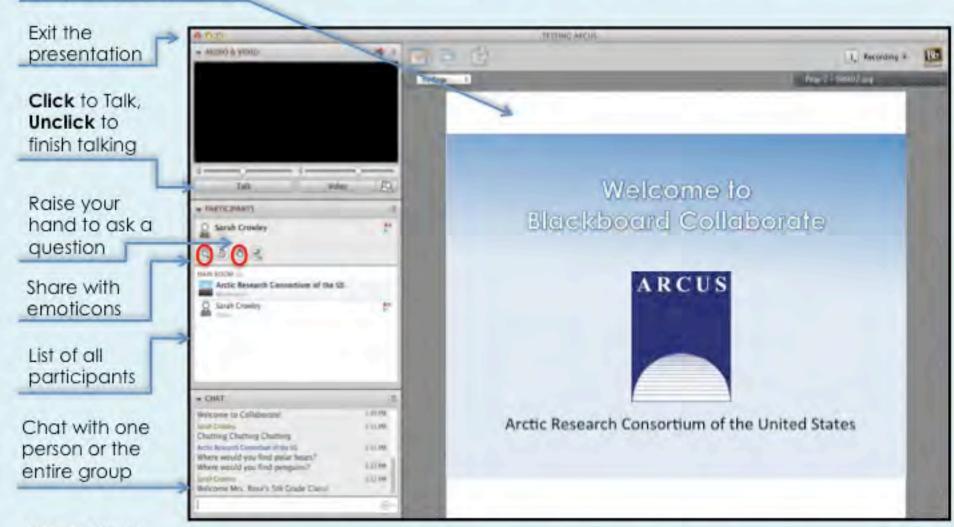
Welcome!
Mt. Kilimanjaro, Africa
Xpedition Webinar 2
1 October 2012

Hosted by the Arctic Research Consortium of the United States





Slides will be shown here



Please Note:

- Participants using the telephone can mute/unmute by pressing *6 on the phone.
- Today's event will be recorded and archived.

Participant Introductions

Please use the chat room to state your:

- ✓ Name
- ✓ School / Institution
- ✓ The number of students and adults participating with you in the same location

Questions

During the Presentation:

Type your question in the text chat box

At the End of the Presentation:

- Raise your hand with the "hand button".
- ARCUS staff will call on you.
- Speak loud and clear and directly into the phone to ask your question.

Click on the Talk button to speak. Unclick when you are done.



Elena Sparrow PhD Seasons & Biomes



Martha Kopplin Seasons & Biomes



John Wood **Faculty Xpedtion Member**



Michael O'Toole **Xpedition Leader**



ESSP Project



Barney Peterson Faculty Xpedition Member











Seasons and Biomes









- Seasons and Biomes is an inquiry- and projectbased initiative that monitors seasons, specifically their interannual variability to increase K-12 students' understanding of the Earth system, participate in IPY and contribute to climate change studies.
- This Earth System Science Project brings together GLOBE students, educators, networks, communities and scientists in studies relevant locally and globally.











Seasons and Biomes







-New phenology and seasonality protocols combined with classic GLOBE protocols



-Inquiry learning activities



-PD model integrating GLOBE, earth system science, best teaching practices and student scientific investigation process



-Global learning communities and projects

GLOBE Seasons and Biomes Collaborators









UAF Permafrost Outreach Program

Experimental Program to Stimulate Competitive Research



GLOBE Partnerships in Argentina, Australia, Czech Republic, Belgium, Canada, Cameroon, Croatia, Dominican Republic, Estonia, Germany, Greenland, Madagascar, Norway, Peru, South Africa, Switzerland, Tanzania, Thailand, USA



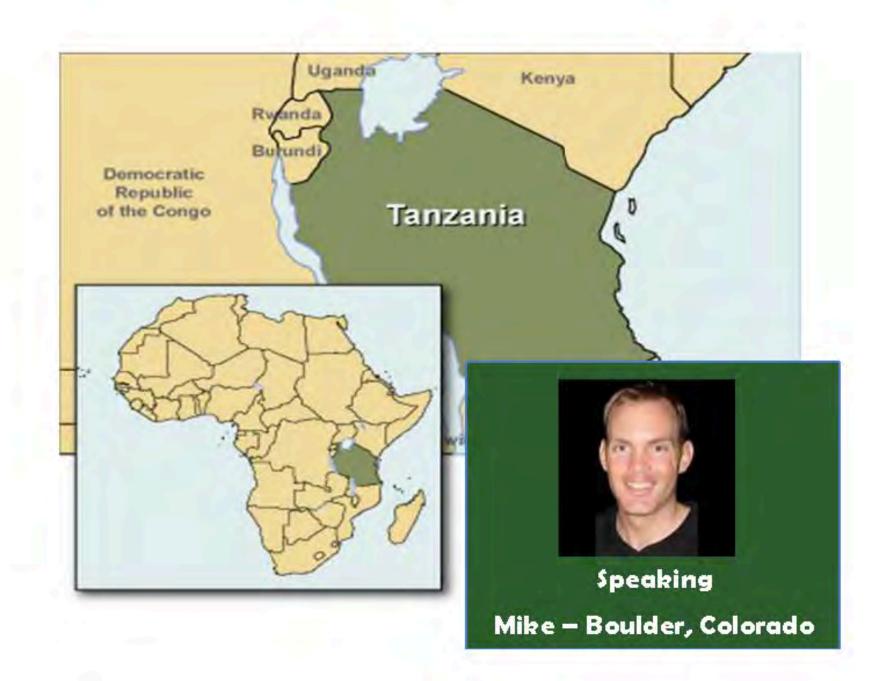
GLOBE Africa, GLOBE Europe/Eurasia,
GLOBE Latin America/Caribbean, GLOBE
North America
GLOBE Alumni International

U.S. Embassy in Estonia

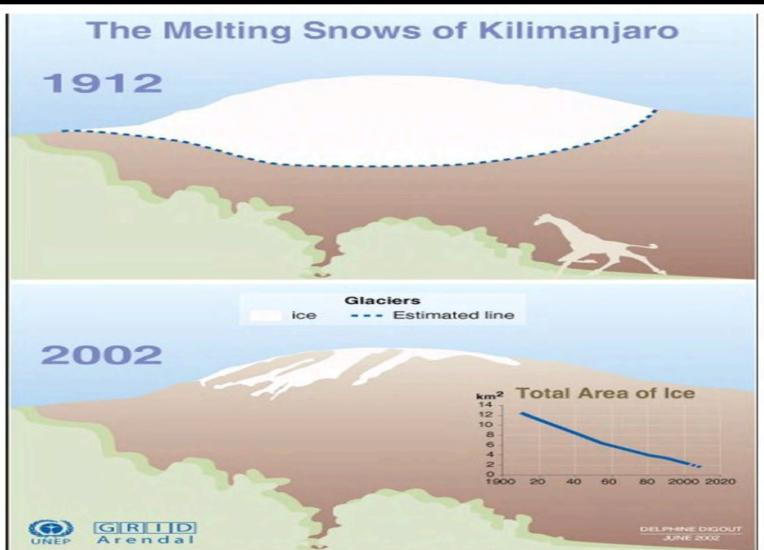


Arctic Research Consortium of the U.S.

The Arctic System Science Thermokarst Project







Sources: Meeting of the American Association for the Advancement of Science (AAAS), February 2001; Earthobservatory.nasa.gov.



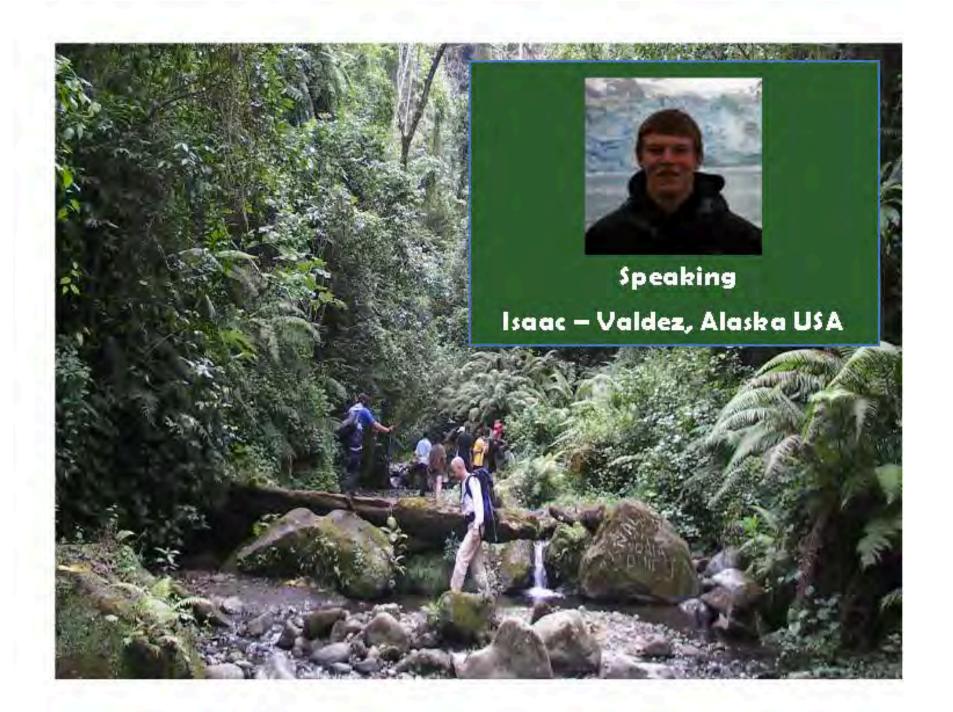


The Ecological Zones of Kilimanjaro



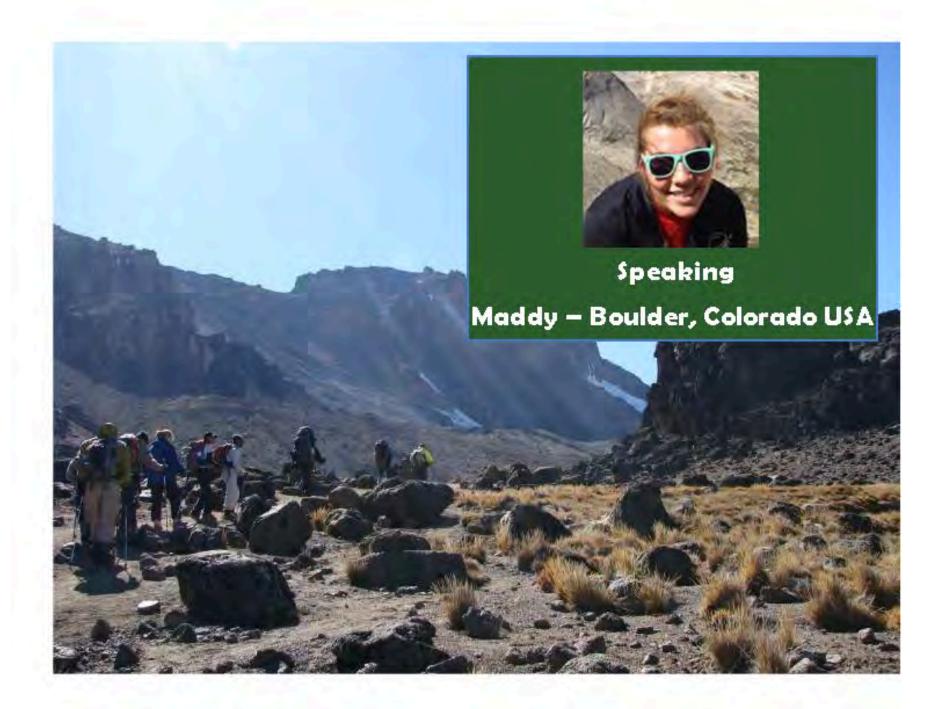
Alpine Desert
Moorland
Heath Zone
Rain Forest
Cultivated Areas

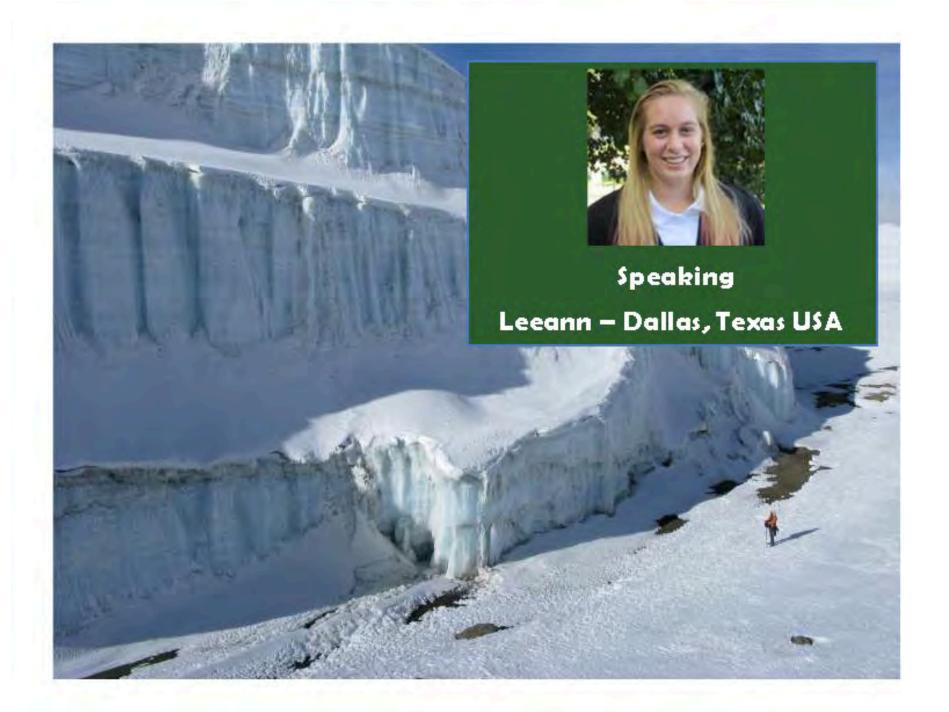




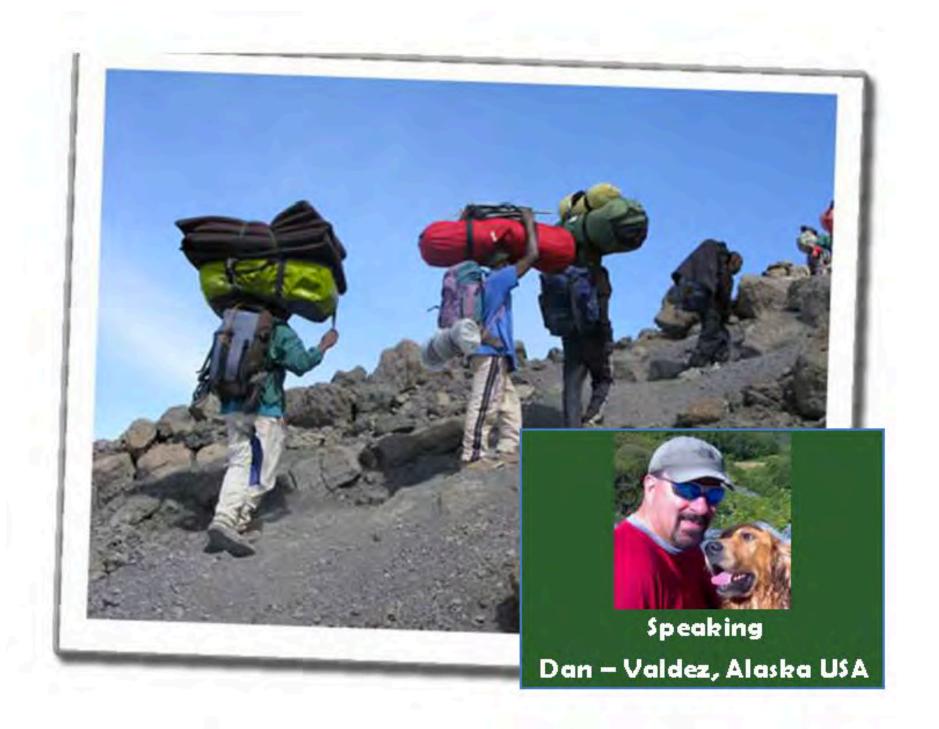




















Thank You!

An archive of the event will be available shortly. http://www.polartrec.com/polar-connect/archive



Extra Slides

Students



Logan Student Xpedition Members



Student Xpedition Members



Jeremiah Student Xpedition Member



Lucas Student Xpedition Member



Isaac Student Xpedition Member



Maddy
Student Xpedition Members

Teachers



John Wood
Faculty Xpedition Member



Jenny Heckathorn
Faculty Xpedition Member



Tom Devine
Faculty Xpedition Member



Dan Heckathorn Faculty Xpedition Member



Dana Clark
Faculty Xpedition Member



Michael O'Toole Xpedition Leader

Scientists



Kenji Yoshikawa PhD Xpedition Lead Scientist



Julia Kalilova Xpedition Scientist



Kenji Narita PhD Xpedition Scientist



Shinichiro Aiba PhD Xpedition Scientist



Bob Bolton PhD

Xpedition Scientist

Film Crew



Andy Quinn
Geoff Haines-Stiles Productions



Erna Akuginow
Geoff Haines-Stiles Productions



Art Howard

Geoff Haines-Stiles Productions

