

**WESTERN SNOW CONFERENCE 85th Annual Meeting**  
and Joint Meeting with the  
**WEATHER MODIFICATION ASSOCIATION**



***April 17, 2017 Short Course***  
***The Grove Hotel***  
***Boise, Idaho***

**Monday, April 17**

8:00 – 11:30 **WSC Executive Committee Meeting** *Cattails Room*

11:00 – 11:30 **Short Course set-up, Registration** *River Fork Room*

3:00-7:00 **Poster and Vendor Set up** *The Landing*

11:30 – 5:00 **Short Course: “Tracing the Effects of Cloud Seeding through the Hydrologic Cycle”**  
*River Fork Room*

11:30 – 12:15 **Working Lunch** (included with Registration)

12:15 – 12:30 **Welcome**, Scott Pattee, WSC General Chair and Tom Ryan, WMA President

12:30 – 1:30 **General Overview of Cloud Seeding**, Mel Kunkel and Derek Blestrud, Idaho Power Company

Explain the processes and how different methods are conducted

Provide a general overview of programs in each state

Down range effects (rob Peter to pay Paul)

Differences in licensing and laws in each state

Past lawsuits and those outcomes

AGI vs. AG, environmental impacts

1:30 – 2:00 **Tracking Effectiveness of Cloud Seeding through Trace Chemistry and Physical Measurements**

Dr. Shawn Benner, Boise State University

2:00 – 2:15 **Panel Q&A**

2:15 – 2:45 **Break**

2:45 – 3:15 **The WMO Solid Precipitation Intercomparison Experiment (WMO-SPICE)**

Dr. Roy Rasmussen, National Center for Atmospheric Research (NCAR)

3:15 – 3:30 **Statistical Methods for Cloud Seeding Benefit Estimates**

Candice Hansenyager, Utah Department of Water Resources

3:30 – 4:00 **WRF Cloud Seeding Module -- Development and Implementation**

Dr. Lulin Zue, National Center for Atmospheric Research (NCAR)

4:00 – 4:30 **WRF-Hydro and Routing Water through the System**

Dr. Lejo Flores, Boise State University

4:30 – 4:45 **Panel Q&A**

4:45 – 5:00 **Closing Comments and Announcements**

5:30-7:00 **Registration and Hospitality** *The Terrace*