



**Fifth Northern Plains Winter Storm Conference**  
**15-16 November 2010 - Saint Cloud, MN**  
**Holiday Inn**



**Monday, November 15**

10:00 - 11:55 AM Conference Registration

11:55 AM *Conference Welcome* - Rod Kubesh and Tony Hansen, Earth and Atmospheric Sciences Department, St. Cloud State University, St. Cloud, MN

12:00 PM *Current Weather Briefing* – Michael Hollan, Earth and Atmospheric Sciences Department, St. Cloud State University, St. Cloud, MN

**12:30 PM** *Conference Luncheon – Holiday Inn*

**\*\* Keynote Speaker \*\***

*Forecasting in the Private Sector – Kevin Huyck*  
*Meridian Environmental Technology Inc./Grand Forks, ND*

**SESSION 1**

**Session Chair: Sarah Stalker**  
**SCSU National Weather Association**

2:00 PM *A Look at the Cold Wave of December, 1983* – Michael Fuhs,  
NOAA/National Weather Service, Sioux Falls, SD

2:40 PM *The Operational Use and Performance of the High-Resolution Rapid Refresh (HRRR) Model during the 8-9 December 2009 Iowa Blizzard* – Kenneth Podrazik, NOAA/National Weather Service, Johnston, IA

3:20 PM *Case Study of a Banded Snowfall Event 25 December 2007* – Shawn Liebl,  
NOAA/National Weather Service, Sioux Falls, SD

4:00 PM *The Upper Midwest Christmas Storm of 2009* – Shawn DeVinny,  
Earth and Atmospheric Sciences Department, St. Cloud State University,  
St. Cloud, MN and NOAA/National Weather Service, Chanhassen, MN

**Session 1 Ends**

**5:00 PM** *Social Hour at Granite City Food & Brewery,*  
*followed by dinner on your own*

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## **Tuesday, November 16**

**8:00 AM**      *Continental Breakfast*

8:20 AM      *Current Weather Briefing* – Andrea Thorstensen, Earth and Atmospheric Sciences Department, St. Cloud State University, St. Cloud, MN

### **SESSION 2**

**Session Chair: Alyssa Matthews**

**SCSU National Weather Association and SCSU Storm Chasing Club**

8:50 AM      *Environments Favorable for Extreme Snow Ratios Across the Upper Mississippi River Valley Region* – Andrew Just, NOAA/National Weather Service, La Crosse, WI

9:30 AM      *Relating ENSO Phase to Snowfall Frequencies in the Twin Cities and St. Cloud, Minnesota* – Michael Griesinger, NOAA/National Weather Service, Chanhassen, MN

10:10 AM      *SNOwD UNDER* – Kevin Huyck, Meridian Environmental Technology Inc., Grand Forks, ND

10:50 AM      *Initial Results and Future Plans for a Winter Impact Index (WII)* – Thomas Hultquist and Lisa Schmit, NOAA/National Weather Service, Chanhassen, MN

11:30 AM      *Environments Favorable for Heavy Snow Across the Upper Mississippi River Valley Region: A Composite Study* – Dan Jones and Dan Baumgardt, NOAA/National Weather Service, La Crosse, WI

**Session 2 Ends**

12:10 PM      *Closing Remarks and Door Prizes*, Rod Kubesh, Earth and Atmospheric Sciences Department, St. Cloud State University, St. Cloud, MN

**End of Conference**

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