

# NOAA Earth System Research Laboratory and NCAR Societal Impacts Program *Seminar Series*

## NCAR Societal Impacts Program (SIP) and Weather and Society Integrated Studies (WAS\*IS)

David Skaggs Research Center (DSRC - NOAA Building)  
325 Broadway  
Boulder, Colorado 80305-3328  
Room GC402 (Multipurpose Room)

Monday, January 26, 2009 2:00 - 3:00pm  
discussion following / refreshments will be served

## *GIS, Weather, and Societal Impacts*

**Olga Wilhelmi, Ph.D.**

National Center for Atmospheric Research  
Institute for the Study of Society and Environment

### Abstract

GIS methods and analysis tools have been widely used in many societal sectors and academic disciplines for data integration, analysis and decision-making over the past two decades. In recent years, collaborations among GIS developers, research, and operational users have contributed to integrated data modeling and evolving GIS functionality for use in meteorology and climatology. Emerging operational and research applications range from severe weather warnings to assessments of societal impacts and vulnerabilities to hazardous weather events.

In this talk, Dr. Wilhelmi will describe advances in integration of GIS with atmospheric data and models across scales, discuss GIS applications in weather and societal impacts research, and present key findings from 2008 NCAR workshop on GIS in weather, climate, and impacts.



#### Off-Site Guests Attending

Mention the **WAS\*IS Seminar**  
when checking in through  
DSRC security.

#### Questions/Problems

Contact Annie Reiser  
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**WAS\*IS**

CULTURE CHANGE

weather & society \* integrated studies

[www.sip.ucar.edu/wasis/](http://www.sip.ucar.edu/wasis/)



Sponsored by the NCAR Societal Impacts Program

Changing from what **WAS** to what **IS**  
the future of integrated weather studies