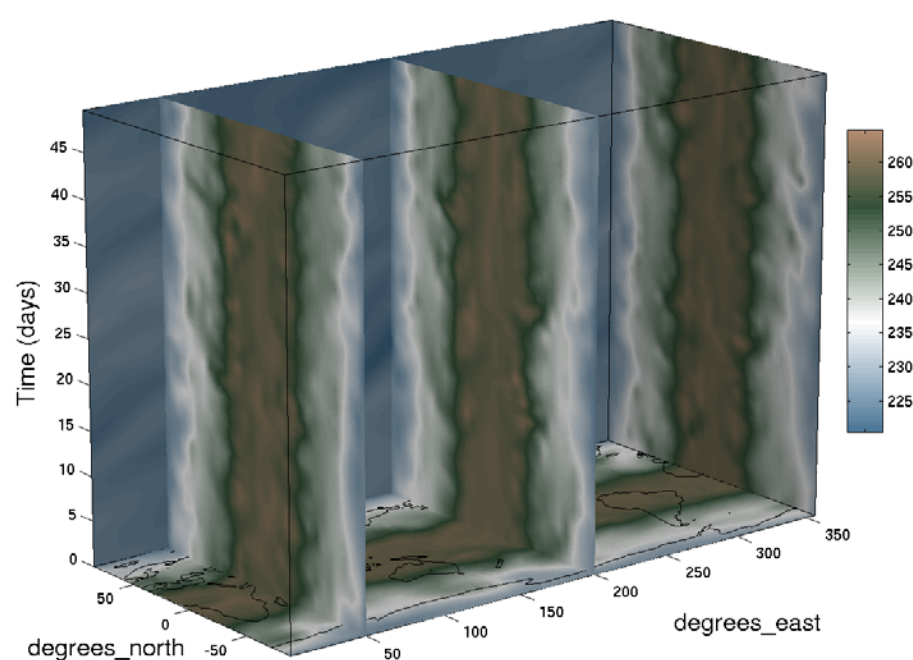


The Statistical and Applied Mathematical Sciences Institute  
and the Geophysical Statistics Project  
Announce a Summer Colloquium on

# Spatio-Temporal Statistics

Boulder, CO

1-6 June 2003



## The Workshop

The objectives of this workshop are to bring together senior and young researchers in applied mathematics, statistics and environmental-health sciences to learn about current areas of investigation and trends in spatio-temporal statistics in a relaxed and informal setting. This workshop provides an entry into different research topics in spatio-temporal statistics. The atmosphere of the conference will allow ample time for interactions and discussions.

Topics include:

- Environmental quality, including evaluation of air quality models, inverse modeling, data assimilation in air pollution models, and designs for monitoring air quality and aquatic resources.
- Weather and climate, including ensemble forecasting, data assimilation, and methods to assess uncertainty in numerical weather predictions.
- Health impacts of environmental change, including disease mapping, models for synthesizing evidence about the health effects of environmental pollutants, regression with misaligned spatial health data and spatio-temporal models for correlated survival data.

## Organization

The workshop is a part of the SAMSI Focused Study Program on Large-Scale Models for Environmental Systems series, and includes plenary lectures, invited lectures, poster sessions, and an informal collaborative working period. Meetings will be at the National Center for Atmospheric Research's Foothills Lab, located in beautiful Boulder, Colorado.

## Participation and Support

Funding is available to support attendance with special emphasis given to graduate students and other young researchers. Statisticians who are not working directly in the workshop topics, yet have an interest in the program, are also encouraged to apply as well as members of under-represented groups.

## Application Procedures

A letter of application stating your research interests is required. If a graduate student, please include a description of relevant coursework and training and a short letter of recommendation from a faculty advisor. Workshop registration and information can be found at either <http://www.samsi.info/env-home.html> or <http://www.cgd.ucar.edu/stats/Workshop2003>

Applications and recommendations must be received by **15 March 2003**. Decisions will be made by 1 April 2003.

For additional information please contact:

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To learn more about the Geophysical Statistics Project at NCAR, visit [www.cgd.ucar.edu/stats](http://www.cgd.ucar.edu/stats)

To learn more about the SAMSI, visit [www.samsi.info](http://www.samsi.info)