

EXTERNAL ADVISORY PANEL MEETING

NCAR Geophysical Statistics Project
27 April 2006, Fleishmann Bldg., Mesa Lab
28 April 2006, Damon Room, Mesa Lab

Thursday, 27 April

- 8:30 – 8:45 Welcome and Introductions
- 8:45 – 9:15 Background and Project Update (Doug)
- 9:15 – 9:45 Closed Panel discussion
- 9:45 – 10:10 Dan Cooley
Modeling Extreme Precipitation for Colorado's Front Range
- 10:10 – 10:35 Dorin Drignei
Parameter Estimation for Computationally Intensive Nonlinear Regression with an Application to Climate Modeling
- 10:35 – 10:50 Break
- 10:50 – 11:15 Anders Malmberg
A Hierarchical Bayesian Spatio-Temporal Model for Tropospheric Carbon Monoxide
- 11:15 – 11:40 Mikyoung Jun
Statistical analysis of IPCC climate model biases
- 11:40 – 12:05 Elizabeth Shamseldin (GSP student visitor)
Extreme Precipitation: An Application Modeling N-Year Return Levels at the Station Level
- 12:05 – 1:30 Lunch
- 1:30 – 1:55 Shree Khare
An Ensemble Smoother for Geophysical Data Assimilation
- 1:55 – 2:20 Eva Furrer
*A Generalized Linear Modeling Approach to Stochastic Weather Generators
The Kriging Estimator as a Local Smoother*
- 2:20 – 2:45 Tomoko Matsuo
Nonstationary Covariance Modeling for Incomplete Data
- 2:45 – 3:00 Break
- 3:00 – 3:45 Meeting with NCAR Management (Al Kellie)
- 3:45 – 5:00 Current Issues and Future Directions (Doug)
- 6:30 – Panel: Closed Session and Dinner at Sunflower Restaurant

Friday, 28 April

- 8:30 – 9:00 PIs Available to Field Questions
- 9:00 – 10:00 Current Issues and Future Directions (revisited) and/or closed Panel discussion
- 10:00 – 10:15 Break
- 10:15 – 11:15 Closed Discussion among Panel
- 11:15 – 11:45 Closing Comments by Panel to GSP
- Noon End of Panel Visit