
MMM SEMINAR NCAR

The Engineering for Climate Extremes Partnership (ECEP)

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ECEP is an interdisciplinary partnership bringing together scientific, engineering, cultural, business and government expertise to develop robust, well-communicated predictions and advice on the impacts of weather and climate extremes to support robust/resilient decision-making. A feature of the partnership is the manner in which basic and applied research and development is conducted in direct collaboration with the end user. ECEP also acknowledges that all systems will fail at some level and has adopted the concept of ‘graceful failure’ as a key research and development feature.

A major outcome of the ECEP will be the development of a public-domain risk-modeling and response data and planning system in support of engineering design, planning and adaptation activities, which is occurring under our Global Resilience Improvement Program (GRIP). In this presentation I will outline the overall ECEP operation and goals and expand on several foundation activities. Specific examples of graceful failure and direct assessment and prediction of hurricane impacts will be included.

This seminar will be webcast live at:

<http://www.fin.ucar.edu/it/mms/fl-live.htm>

Recorded seminar link can be viewed here:

<https://www.mmm.ucar.edu/events/seminars>

Thursday, 25 June 2015, 3:30 PM

Refreshments 3:15 PM

NCAR-Foothills Laboratory

3450 Mitchell Lane

Bldg 2 Main Auditorium, Room 1022

MMM SEMINAR COORDINATOR

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