



## **An Overview of the Activities of THORPEX in North America**

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The activities of the THORPEX Programme are partly organized through regional committees, such as are currently organized in the EU, N. America, and Asia. This presentation will discuss previous, current and planned activities of North American in general areas of research, operational prediction and field activities. Some of the highlights to be discussed include:

1. Participation in the North Atlantic Regional Campaign to evaluate the impact of targeted measurement strategies and to advance knowledge of targeting strategies.
2. An ambitious and balanced basic research agenda proposed by researchers in the US and Canada that is meant to include studies in the areas of data assimilation, observing strategies, predictability, dynamical processes, observing systems and societal applications.
3. An active NOAA research grant program more closely linked to furthering the operational mission.
4. An operational collaboration between the US, Mexico and Canada that will benefit THORPEX research into the utilization and improvement of ensemble forecasts.
5. Proposed future field campaigns in the Pacific during the International Polar Year and during the African Multiscale Monsoon Array in 2006 to test targeting strategies for hurricanes and tropical storms.