North American Science Plan

Outline of Science Plan agreed to at the last meeting of the North American Regional Committee in Montreal

Contributions were slow to arrive, but we now have 99% of the first draft completed.

It needs some polish (integration) as sections are written by different people.

The THORPEX International Core Steering Committee meets the last week of April. We can present the ideas of the plan at this meeting and perhaps have a VERY limited distribution (or better).

Propose:

- Co-chairs work to polish and integrate (end of April for ICSC)
- Distribute to committee with end of May as deadline for comments
- Co-chairs and Mexican lead revision process (end of June deadline)
- Broad distribution in July with deadline for comments
- Translation into Spanish and French (when and how?)
Highlights

- Description of high impact weather events for North America and discussion of forecast “failures”
- Overview of national activities and scientific framework
- T-PARC as an integrating theme (from informal Monterey meeting)
- Selection of areas for collaboration
  - International Polar Year --- Canada (lead) and US
  - Understanding and predicting high impact weather over North America
    - NAEFS, TIGGE and ensemble predictions
    - Predictability studies and Prediction research (spanning operational and academic divide)
  - T-PARC and Pacific Predictability
- Human dimensions
  - SERA
  - Capacity building
- Weather climate interface
  - Tropical -- extratropical interactions (as a start on the weather-climate interface)