

**Intercomparaison of Regional Climate Models Simulations over North America
(Invited talk)**

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The North American Regional Climate Change Assessment Program (NARCCAP) is the most comprehensive coordinated experiment of regional climate simulations over North America to-date. This presentation will summarise the evaluation of simulations performed by five Regional Climate Models (RCM) over a domain covering the conterminous United States and most of Canada, driven by atmospheric fields from NCEP Reanalysis II data for the period January 1979 to December 2003, and AMIP-II sea surface temperatures and sea ice cover. The five RCMs employ equivalent horizontal resolutions with roughly 50-km grid spacing, but with their own map projections, vertical levelling, numerical discretization algorithms and subgrid-scale physical parameterizations. The presentation will focus on the assessment of seasonal-mean simulated fields against available observations, and a regional skill-rating scheme will be applied to some climate-relevant fields.

Agreement

In submitting an abstract, you certify that the abstract is an original contribution and give permission to the Assembly Organizers to publish it in the Assembly Proceedings and Website. You further agree that if your abstract is accepted for presentation, you will be present at the Assembly to present your research.