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Synthesis of Arctic System Science (SASS I) Investigator Online Meeting

28 November 2005

Agenda

Monday, 28 November 2005

Welcome remarks

Project Introductions

1. A Heat Budget Analysis of the Arctic Climate System
2. Sunlight and the Arctic Atmosphere-Ice-Ocean System
3. Synthesis of Modes of Ocean-Ice-Atmosphere Covariability in the Arctic System from Multivariate Century-Scale Observations
4. Arctic Surface Air Temperatures for the Past 100 Years: Analysis and Reconstruction of an Integrated Data Set for Arctic System Science
5. Synthesis of Arctic System Carbon Cycle Research Through Model- Data Fusion Studies Using Atmospheric Inversion and Process-Based Approaches
6. Greening of the Arctic - Synthesis and Models to Examine the Effects of Climate, Sea-Ice, and Terrain on Circumpolar Vegetation Change
7. A Synthesis of Rapid Meltwater and Ice Discharge Changes: Large Forcings from the Ice with Impacts on Global Sea Level and North Atlantic Freshwater Budgets
8. Humans and Hydrology at High Latitudes
9. Heterogeneity and Resilience of Human-Rangifer Systems: A Circumpolar Social-Ecological Synthesis

Discussion

- Ideas for collaboration and synthesis among projects
- Needed infrastructure and leadership to support collaboration and synthesis

Wrap-up and Upcoming Activities