



The Second Circumpolar Conference on Geospatial Sciences and Applications (GeoNorth-II) is a unique opportunity to discuss issues and present current research related to geospatial activities in the arctic environment. This conference provides an opportunity to present results associated with the International Polar Year, environment and climate change monitoring and geographic analysis, geospatial standards and their application, and the construction of virtual collaborative networks including Arctic mapping and the virtual Arctic Spatial Data Infrastructure (ASDI). GeoNorth-II is co-sponsored by the IPY Committee, IEEE GRSS, the U.S. Geological Survey, and the University of Alaska, Fairbanks.

Call for Papers

Presentations are requested on the following topics, though other topical areas relating to spatial analysis, applications, and the environment are welcome:

- Arctic data and geospatial applications that use them
- Use and publication of interdisciplinary data for re-use
- Imagery resources and analysis for the arctic landscape
- Virtual globes, geo-browsers, and spatio-temporal data exploration
- Geospatial analytical techniques used in IPY and climate change projects
- Interoperability for improved data sharing, integration, and analysis
- Deploying and trusting web services for arctic applications
- Technical challenges and successes of implementing an Arctic SDI
- Defining mapping issues and approaches for the Arctic
- Indigenous mapping of local and traditional knowledge
- Challenges of creating virtual organizations and laboratories

Presentation proposals are to be submitted by June 1, 2009 and must include:

- Title of presentation
- Presenters' names, affiliation, and email
- Abstract of presentation
- Topical area(s) to be discussed
- Type of presentation (presentation, presentation and full paper, poster, exhibit)

Please register and submit your paper on the conference website. Accepted presentations and papers will be acknowledged by July 1st and posted on the conference website. Selected papers will also be reviewed for publication in a peer-reviewed multi-disciplinary professional journal.

Conference Website: <http://alaska.usgs.gov/science/geography/IPYGeoNorth/>
(Website will be available around February 20, 2009)