

North Slope Decision Support System for Resource Planning and Management

First Stakeholder Workshop

*Hilton Hotel
Anchorage, AK
January 20-21, 2009*

Purpose

The University of Alaska Fairbanks, Texas A&M University, and PBS&J Consulting, in collaboration with the Department of Energy, have initiated a project to develop a decision support system (DSS) for water planning and management on Alaska's North Slope. The GIS-based DSS will consist of interconnected data storage, management, and processing utilities designed to enhance stakeholders' ability to assess information needed to make sound decisions. ***The goal of this workshop is to define the requirements for the North Slope DSS.***

Benefits of Attending

Participants in this and subsequent workshops will have an opportunity to help define how this system can and should be used, define information and analytical needs for the North Slope, and engage in elements of system design. This user-driven design process will enhance the utility of and add value to the North Slope DSS.

Participants

Workshop participants will include local, state, and federal regulatory agencies, North Slope community representatives, industry representatives, and non-governmental organizations, among others.

For information and RSVP

Contact:

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Day 1 January 20, 2009

8:00 – 8:30 Arrival and breakfast service

8:30 – 9:30 Introductions and project objectives

9:30 – 10:00 Stakeholder-driven design approach

10:00 – 10:15 BREAK

10:15 – 10:45 Decision support design part I:
Define technology requirements related to tundra lake water balance studies

10:45 – 11:45 Decision support design part II:
Break-out groups focused on technology requirements related to:

- Ice road planning & water withdrawal scheduling
- Project-level infrastructure planning and permitting

11:45 – 1:00 LUNCH

1:00 – 2:30 Decision support design part III:
Working groups refine work flow, report generation, and data analysis requirements

2:30 – 2:45 BREAK

2:45 – 4:30 Decision support design part IV:
Defining functional, non-functional, and institutional requirements for implementing a prototype North Slope Decision Support System (NSDSS)

4:15 ADJOURN

Day 2 January 21, 2009

8:00 – 8:30 Arrival and breakfast service

8:30 – 10:15 Group presentations:

Results and recommendations

10:15 – 10:30 BREAK

10:30 – 11:00 Integration of group-defined technology needs

Merging process flows from working groups and overlap analysis of system requirements

11:00 - 12:15 Meeting wrap-up

Formalize stakeholder points of contact and establish forms of information dissemination and continued stakeholder involvement

12:15 ADJOURN

