

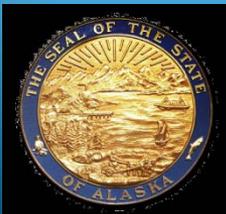


State of Alaska  
Governor's Climate Change Sub-Cabinet

**Adaptation Advisory Group Meeting  
Meeting #6a**

Report Outline  
Overview of Strategy

May 15, 2009



# Overview

- Process: focused on individual options being recommended by TWGs as well as common themes
- Today: taking first steps in developing and presenting to the AAG an integrated view
- Secondary purpose: to present outline of AAG report and path forward
- Work in progress

# TWG Options Address Discrete Impact Categories

Increasing temperature, disappearing sea ice, thawing permafrost, coastal erosion, flooding, and other climate changes

## SECTORS AFFECTED

### Health and Culture

For example:

- Diseases
- Air & Water quality
- Culture & subsistence
- Heat / Cold stress
- Injuries
- Toxic exposure
- Mental health
- Etc.

### Natural Systems

For example:

- Agriculture, Forests, Fisheries
- Tundra & alpine ecosystems
- Subsistence fishing, hunting, trapping & gathering
- Etc.

### Public Infrastructure

For example:

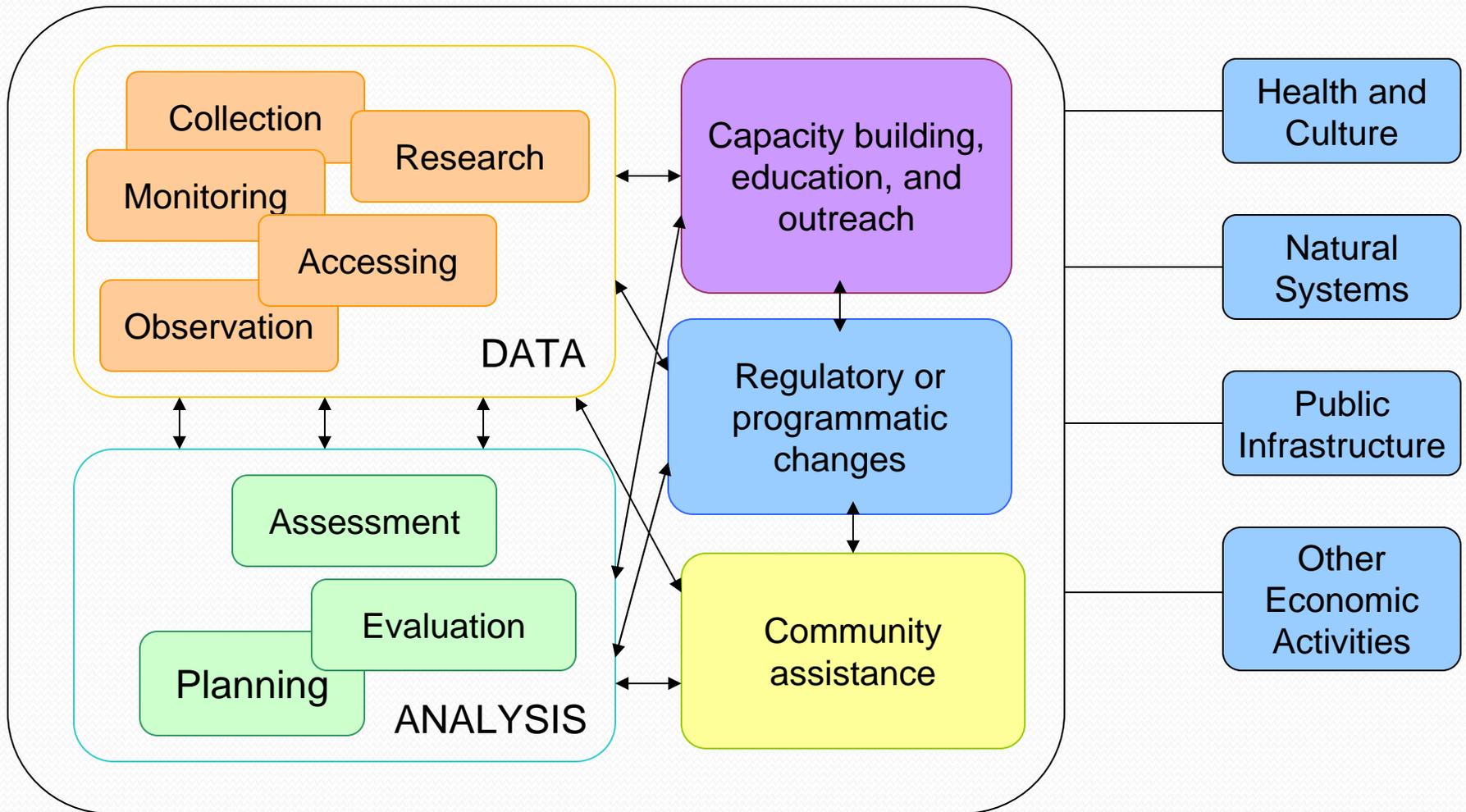
- Highways, roads, and bridges
- Airports & landing strips
- Ports
- Buildings
- Sea walls and river shoreline protection
- Etc.

### Other Economic Activities

For example:

- Oil & gas
- Mining
- Ocean transportation
- Opportunities
- Tourism
- Energy demand
- Etc.

# TWG recommendations to improve Alaska's adaptive capacity



# Some of the Challenges in Adaptation

- Current key coordination entities are temporary: Sub-cabinet, IAWG
- Actions to address impacts cross-cut jurisdiction of different agencies at all levels of government
- Decision makers need access to science that is accurate, relevant, and understandable
- Regulations and legislation may limit ability to adapt
- Decision making powers and authority are decentralized within state government
- Information is decentralized: government, universities, rural communities
- Operating in a resource-constrained environment
- Different adaptation options can conflict with each other or with broader state goals and objectives
- Immediate, near term, and long term actions are all needed

# Common Themes to Address Challenges

- Options recommended by TWGs address some of these challenges
- Common themes to address other challenges:
  - A clearinghouse for science-based climate information:
    - Component: Knowledge Network option
  - Delivery of services and information to Communities
    - Component: Community Assistance option
  - Coordination of State efforts to evaluate and address climate change related issues that cut across agency jurisdiction
    - Component: State Coordination option
  - Coordination/Planning/Implementation to align goals, leverage funding, etc.
    - Component: Current IAWG and proposed options

# Draft Report Outline

Front material  
Executive Summary

1. Introduction and Overview
2. Climate Change Projections for Alaska
3. Overview of Sectoral Impacts
4. Public Infrastructure: Recommended options
5. Economic Activities: Recommended options
6. Health and Culture: Recommended options
7. Natural Systems: Recommended options
8. Common Themes

Technical Appendices: one per TWG, with detailed descriptions of the options

# Moving Forward

- Continue to develop integrated view
- Complete option descriptions for each TWG and draft chapters
- June 19 AAG meeting:
  - Final approval of options
  - Present Draft Executive Summary
- Post-June:
  - Develop full adaptation report and provide to AAG and TWGs for review
  - Submit to Sub-Cabinet
  - Public comment period

# *Thank you!*

<http://climatechange.alaska.gov/>

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