

A banner image featuring a landscape of rugged mountains. In the foreground, there are brown, rocky hills. In the background, a large, snow-capped mountain peak rises against a clear blue sky. The text 'Alaska Climate Change Strategy' is overlaid in a dark, serif font. A small tree branch is visible on the right side. In the bottom right corner, there is a small credit: 'Photo: J. Hurdsey'.

Alaska Climate Change Strategy

Alaska Climate Adaptation Advisory Group of the Governor's Climate Change Sub-Cabinet

Meeting #1
May 16, 2008
Anchorage, Alaska

Brian Rogers
Information Insights
907-450-2468
brogers@iialaska.com

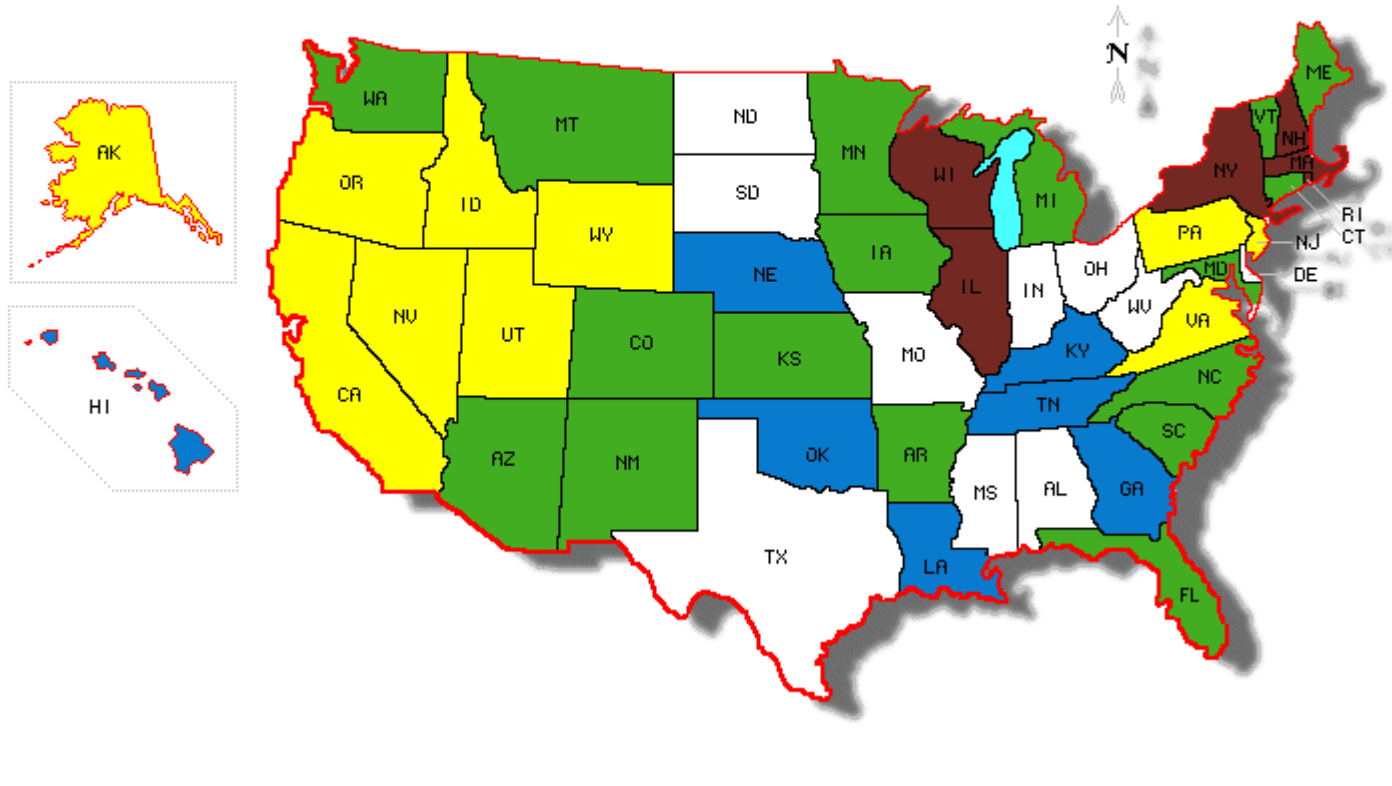
Ken Colburn
Center for Climate Strategies
617-784-6975
kcolburn@symbioticstrategies.com

Who is the Center for Climate Strategies?

- Non-profit focused on helping states develop comprehensive, stakeholder-driven climate action policies and plans.
- Typically work with senior state officials
 - Governors' offices, Commissioners, Cabinets
- Multiple areas of technical and policy expertise:
 - Process design, formation, management & facilitation, decision support, conflict resolution & consensus building, technical analysis, and capacity building.
 - Multiple skills and tools for identifying & evaluating policy options
- Virtual organization with ~50 expert partners
- Unparalleled expertise with work in more than 25 states

Where Has CCS Been Active?

- - Comprehensive Plans
- - Partial Plans
- - Initial Contact
- - Other Plans



Who is Information Insights?

- One of Alaska's leading economic and public policy consulting firms
- Clients span Alaska public and private sectors
 - State & municipal governments
 - Wide array of businesses (e.g., transportation, oil and gas)
 - Alaska Native non-profit and for-profit organizations
 - State and local non-profits
 - Educational institutions
- Specialize in:
 - Strategic planning and public process facilitation
 - Research, analysis and planning studies
 - System change
 - Program administration and evaluation
- Apply creativity and vision to tailor solutions for clients

State Climate Planning Process: Overview

- Comprehensive
- Stepwise
- Fact-based
- Self-determined
- Consensus-driven
- Informal
- Nonbinding
- Transparent
- Inclusive
- Flexible



Process Design & Development

- Prepare
 - Develop reference case *Vulnerability Assessment* (NCEP/Stratus)
 - Organize impacts into potential categories or “sectors” for stakeholder consideration of key impact focus areas (NCEP/Stratus)
 - Identify “catalogs” of potential policy options for each group
 - Start identifying policies & programs already in place in Alaska
 - Secure cost-share funding
- Design
 - Select team & partners; structure responsibilities & coordination
 - Help ADEC identify stakeholder participants
 - Help ADEC identify focus-area Technical Work Groups
- Launch Stakeholder Process
 - Climate Change Adaptation Advisory Group process

Stepwise Planning Process

1. Develop/revise baseline vulnerability assessment and impact focus areas
2. Identify a full range of possible actions (“catalog”) and programs already in place
3. Identify initial priorities for analysis & development
4. Develop straw proposals
5. Evaluate (and quantify to the extent possible) costs and benefits
6. Evaluate feasibility issues; associated issues; linkages
7. Develop alternatives if needed to enhance consensus
8. Iterate to final agreement
9. Finalize and report recommendations

Process Design & Development

- Conduct
 - Stepwise process; iterate to consensus
 - All transparent, with public involvement at each stage
- Conclude
 - Determine consensus levels of priority policy options
 - Draft final reports and recommendations for the CCSC

Overarching Outcomes of the CCS/II Stakeholder-Based Planning Process

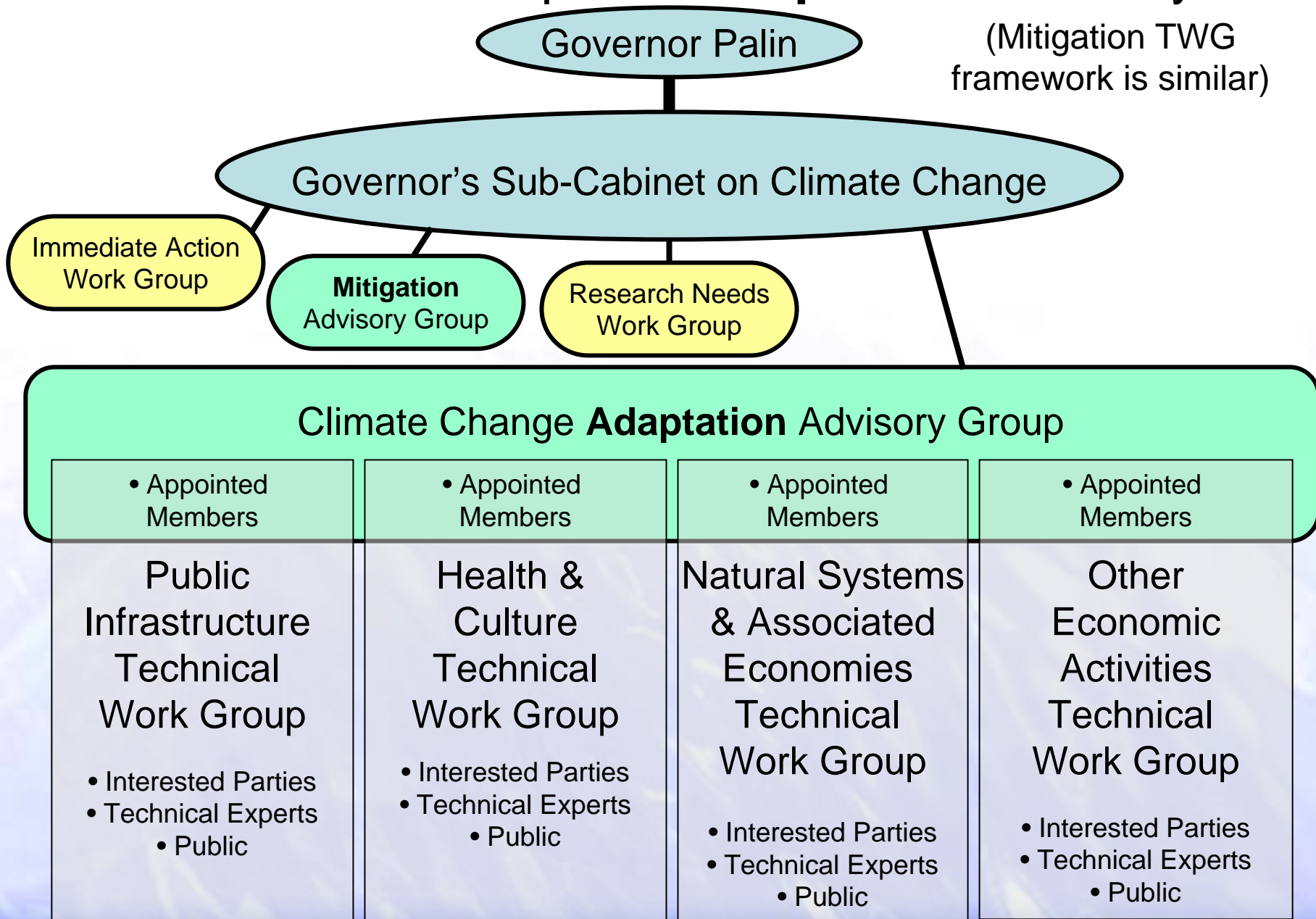
- Policy recommendations to the CCSC that are tailored *for* Alaska *by* Alaskans
- Comprehensive results across multiple focus areas
- Groundwork for implementation
- No surprises
- Broad consensus
- Relationships built

Overview of Roles and Responsibilities

- Climate Change Sub-Cabinet (CCSC) convened by Governor Palin
- DEC oversees and coordinates process on behalf of the CCSC
- CCAAG makes recommendations to CCSC
- Technical Work Groups (TWGs) assist in developing CCAAG recommendations
- Public input and review for stakeholders
- CCS & II provide facilitation, technical assistance, and prepare final report to CCSC

Technical Work Groups for **Adaptation** Advisory Group

(Mitigation TWG framework is similar)



Technical Work Groups

- **Public Infrastructure**
 - Roads and bridges; airports and landing strips
 - Port infrastructure, sea walls and shoreline protection
 - Buildings, utilities, water systems, sewerage, landfills, etc.
 - Ocean transportation
- **Health & Culture**
 - Human health, diseases, air & water quality, emergency response
 - Recreation; gardening; quality of life
 - Traditional cultures; subsistence way of life
- **Natural Systems & Associated Economies**
 - Forestry, agriculture; freshwater, marine & coastal ecosystems
 - Wildlife; fishing and hunting (subsistence & sport)
- **Other Economic Activities**
 - Oil & Gas; mining
 - Tourism / eco-tourism
 - Defense

Sectors x Mechanisms = A “Portfolio” of Policy Options (Adaptation)

	Codes & Standards	Market Mechanisms	Funding Mechanisms	Voluntary Agreements	Technical & Financial Assistance	Information & Education	Pilots & Demo Projects	Reporting & Disclosure
Public Infrastructure								
Health and Culture								
Natural Systems and Associated Economies								
Other Economic Activities								

Catalog of Adaptation Responses

- ~100-150 actions by states & internationally
- Existing, planned, and proposed state-level actions
- Wide variety of regions, sectors, focus areas
- Wide variety of implementation mechanisms or policy levers
- Will include key Alaska actions
- CCAAG will add new potential actions
- Starting place for identification of CCAAG priority options

Technical Work Group Roles

- Assist CCAAG:
 - Review and improve the vulnerability assessment
 - Identify potential state actions for catalog
 - Identify potential priorities for analysis
 - Suggest straw policy designs
 - Assist with analysis and review of options
 - Assist with development of alternatives
 - Assist with input to and review of CCAAG report

Policy Design Proposals

- CCAAG identifies 30-40 draft potential options for further development
- TWGs screen, prioritize, and propose initial policy option design (“straw proposals”)
 - Goals
 - Coverage / Parties
 - Timing
 - Implementation Mechanism
- CCS team quantifies and presents for review and modification, if necessary
- CCAAG revisits list of potential priorities, as needed

Possible Selection Criteria

- Benefits
- Capital intensity or cost (qualitative)
- Feasibility
- Adaptive capacity
- Timing or urgency
- Flexibility

Policy Option Template

- Policy Description (Concept)
- Policy Design (Goals, Timing, Coverage)
- Implementation Methods
- Related Programs and Policies (BAU)
- Estimated Adaptation Benefits and Costs
- Additional Benefits and Costs (if needed)
- Feasibility Issues
- Status of Group Approval
- Level of Group Support
- Barriers to Consensus, if any

Transparency



- “Show Your Work”
 - Policy Design
 - Timing
 - Levels
 - Parties Involved
 - Implementation Methods
 - Evaluation Approach
 - Data sources
 - Methods
 - Assumptions

Examples of Possible Adaptation Policy Recommendations

- Incorporate climate impacts in prioritizing funding, design, operation and maintenance decisions
- Factor climate impacts and risks in emergency response and public health planning
- Revise land use, shoreline, and flood control plans (and planning) to address climate impacts
- Incorporate climate impacts in the design of harbor and dockside infrastructure
- Revise building codes (e.g., modular construction, adjustable foundations over permafrost, etc)
- Develop strategies to respond to potential increases in undesirable exotic and invasive species

Final Report

- Executive Summary
- Background, Purpose, & Goals
- Alaska Vulnerability Assessment (NCEP)
- CCAAG Recommendations and Results
 - Public Infrastructure
 - Health & Culture
 - Natural Systems & Associated Economies
 - Other Economic Activities
- Appendices



Break



Ground Rules

- Support the process
- Attend meetings
- All on equal footing
- Make objective and timely contributions
- Stay current with information
- No backsliding
- No member represents the CCSC

Prospective Timetable: Climate Change Adaptation Advisory Group

Date	Action
May 16, 2008	1 st Meeting: Meet with IAWG and RNWG
July 16, 2008	2 nd Meeting: Review Process, Vulnerability
September 23, 2008	3 rd Meeting: Catalog of Potential Policy Options
November 7, 2008	4 th Meeting: Select Priority Policy Options
February 6, 2009	5 th Meeting: Approve Straw Proposals
March 5, 2009 (tent.)	6 th Meeting: Initial Assessment of Options
April 30, 2009 (tent.)	7 th Meeting: Approve Recommended Options
Following Conclusion	Final Report to Sub-Cabinet
Between Meetings	Regular TWG teleconference meetings and possible face-to-face meetings

Next Steps for CCAAG and Technical Work Groups

- Refine vulnerability assessment and existing actions in Alaska
- Develop catalogs of potential state actions, by sector
- 2 TWG calls between now and July meeting
- In July, CCAAG signs off on catalogs
- Begin discussion about priority policy options for further analysis

Next CCAAG Meeting

- Agenda

- Review catalog of potential state actions
- Review Alaska vulnerability assessment
- Begin discussion of initial priority policy options for analysis

- Date and Location

- Tuesday, July 16, 2008
- Fairbanks, Alaska



Public Input

Announcements



The Center for Climate Strategies

Helping States and the Nation Tackle Climate Change



Information Insights

vision + creativity = solutions

*Thank you
for your time
and attention!*

Brian Rogers
Information Insights
907-450-2468
brogers@iialaska.com

Ken Colburn
Center for Climate Strategies
617-784-6975
kcolburn@symbioticstrategies.com