National Research Council Review of the U.S. Climate Change Science Program *Strategic Plan*

Chapter 11 – Decision Support Resources

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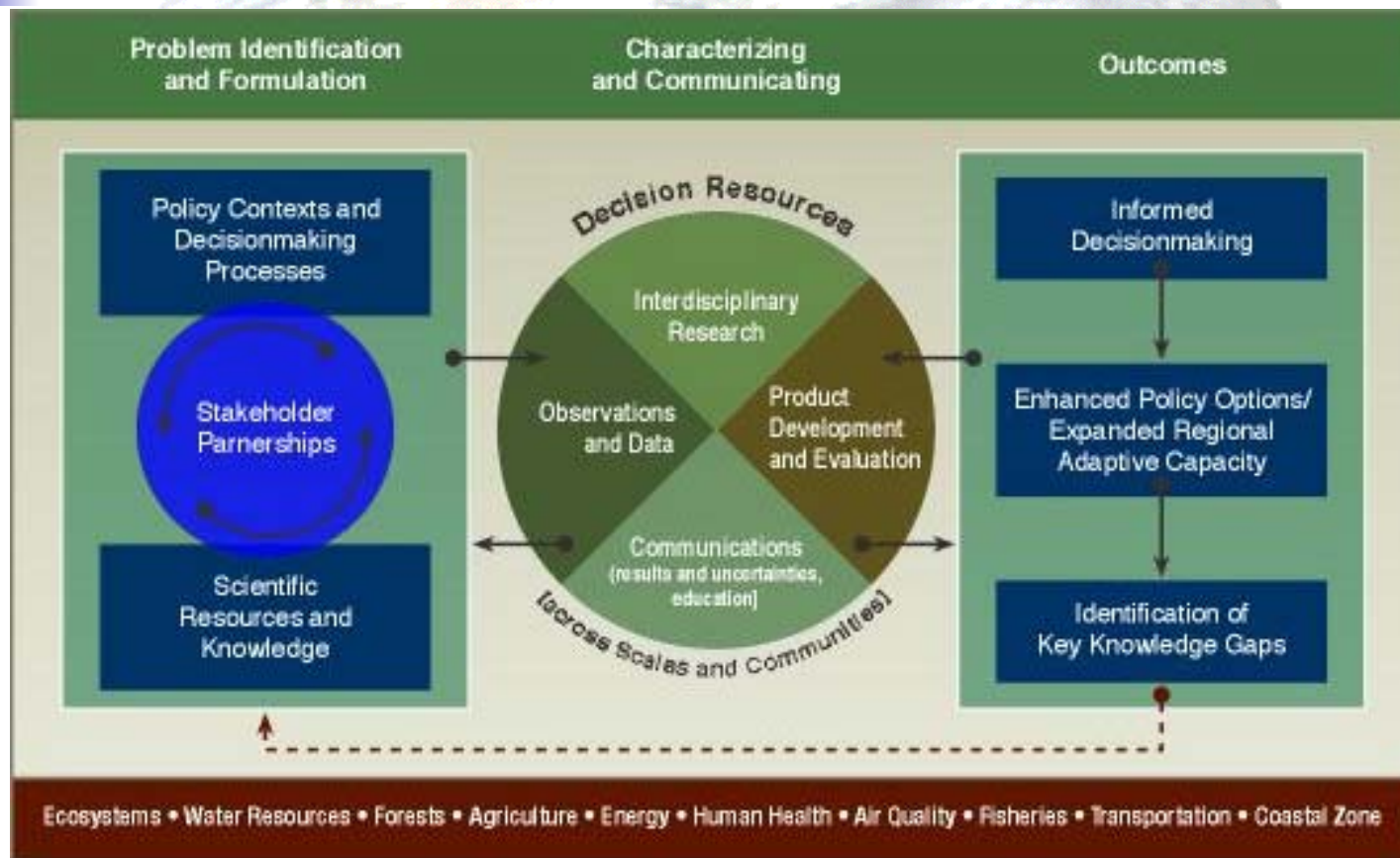# Principal Guidelines for Decision Support

- Analyses structured around specific questions
- Early and continuing involvement of stakeholders
- Explicit treatment of uncertainties
- Transparent public review of analysis questions, methods, and draft results
- Evaluation of ongoing CCSP analyses and build on lessons learned

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Decision Support Goals

- Prepare scientific syntheses and assessments to support informed discussion of climate variability and change issues by decision-makers, stakeholders, the media, and the general public

- Develop resources to support adaptive management and planning for responding to climate variability and climate change, and transition these resources from research to operational application

- Develop and evaluate methods (scenario evaluations, integrated analyses, and alternative analytical approaches) to support climate change policymaking and demonstrate these methods with case studies

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Challenge: Decision Support Framework

Revisions in Response to NRC and Public Comments

- Completely revised chapter on decision support resources
- Articulation of guiding principals for decision support
- Identification of decision-types to be supported
- Specific goals, objectives, and approaches
- Explicit statement of evaluation of uncertainty
- Use of illustrative examples
- New chapter on modeling strategy (research, applied climate modeling, impacts)
- Enhanced chapter on observing systems

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Decision Support Implementation

- **Decision support management structure**
  - Within overall CCSP management
  - Specific delineated responsibilities (IWGCCST, Interagency Working Group, CCSPO)
- **Guidelines for producing syntheses and assessment reports**
- **Workshop in planning stages**

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