

# National Research Council Review of the *Strategic Plan* for the Climate Change Science Program

## Chapter 15 – International Research and Cooperation

**Louis Brown, NSF**  
**Toral Patel-Weynand, DOS**  
**James Buizer, NOAA**  
**David Allen, CCSP**

**August 25, 2003**

US Climate Change  
Science Program  
[www.climatechange.gov](http://www.climatechange.gov)





# Chapter Overview & Objectives



- Goals for international cooperation in climate science
- The international framework
- Engaging the international global change research community
- Discuss major thematic areas
- Plans and objectives



# Challenges Faced

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- Linkages to research elements
- Practical limitations
- Comments beyond the scope of the chapter



# Public Comments on Draft

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- Add emphasis to observations and synthesis
- Strengthen references to data policy needs and objectives
- Identify capacity building activities more completely
- More fully describe relationships to international organizations
- Add information related to human dimensions and sustainability
- Clarify relationships with international organizations/programs
- Identify specific priority activities



# NRC Comments

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- Access to broader observations across the globe for testing models and our understanding of global change
- Shared international “ownership” of results and knowledge as a prerequisite for negotiation of shared solutions in the policy arena
- A much larger community of scientists trained and motivated to study the problems of global change
- Capacity building in terms of educated stakeholders and strengthened institutions around the world
- Burden sharing on the costs and resources required for observation and study of global change



# Response to Comments

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## Summary:

Re-wrote, reorganized and expanded the chapter

Provided substantial additional material including four new sections and two text tables. Also added were five images.



# Response to Comments

## Focus:

- Added emphasis on observations and synthesis (section 7)
- Strengthened references to data policy needs and objectives and U.S. approaches to meeting these (section 8)
- Expanded discussion of the international framework including assessments (section 2)
- Added emphasis to efforts to promote and facilitate international cooperative research (section 6) and our interactions with and engagement of the international research community (section 4)



# Response to Comments



## Focus:

- Expanded discussion of capacity building efforts (section 9)
- Added emphasis on burden sharing (section 4)
- Identified U.S. plans and objectives for future international cooperation (section 10)