

U.S. CLIVAR Charge to the Panels

Panel Purpose: To formulate goals and required strategies, catalyze and coordinate activities, and work with agencies and international partners to advance the progress of the climate research community, particularly with regard to addressing relevant goals of the US Climate Change Science Program, CLIVAR, and the World Climate Research Programme (WCRP).

Foci:

- Synthesis of Existing Knowledge/Capabilities
- Assessing Opportunities and articulating goals
- Devising plans to achieve goals



U.S. CLIVAR 2006 Summit Highlight

Two Major Opportunities Identified:

I Drought

II Decadal Variability/Predictions

Key Actions Already Taken:

- Formation of a Drought Working Group Existing
- Formation Of AMOC Working Group





Regarding US CLIVAR Research on Drought & Decadal Variability/Predictions:

i) What are the key questions that should guide research activities?



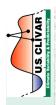
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- ii) What are the major research gaps?



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- iv) What are the most important areas of research that US CLIVAR needs to advocate for in 2009 agency AO? In the next 3-5 years?



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- ii) What are the major research gaps?
- iii) What should be ongoing activities---coordinated by the panels---that would address these key questions?
- iv) What are the most important areas of research that US CLIVAR needs to advocate for in 2009 agency AO? In the next 3-5 years?
- v) Which groups should US CLIVAR be talking to over the next year in order to establish linkages to other programs?



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- i) What activities (e.g. coordinating/leading community activities, workshops, working groups, special mtg sessions, review papers) will the Panel catalyze/lead over the next year?
- ii) What decision/actions did the Panel make during this week's CLIVAR Summit that contributes towards its goals?



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Synthesis of Progress to Guide Future Plans



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Several National Academy Reports were written about a decade ago that summarized the state of knowledge on key climate science issues that are core to today's US CLIVAR Goals

- a) Learning to Predict Climate Variations Associated with ENSO-'96
- b) Decade-to-Century-Scale Climate Variability and Change-'98
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In order to help formulate goals and strategies within the climate research community:

US CLIVAR's guidance must be reliable & trustworthy. As one step to ensure that, US CLIVAR needs to assess and measure the progress made since these (and related) reports were issued.