



## Call for US CLIVAR Workshops April 7, 2016

This document describes the purpose and successes of US CLIVAR-sponsored workshops (including scientific conferences, meetings, and trainings), specifies the steps in requesting support, and invites the US ocean and climate science community to submit requests for workshops to be held during 2017.

### **Workshop Purpose**

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The US CLIVAR program annually sponsors workshops of scientists to coordinate, develop, plan, and implement new or focused activities for the benefit of the scientific community and US CLIVAR. Workshops should aim to assess the state of knowledge, identify gaps, and discuss needs for future research directions and opportunities for possible scientific activities within the community. They may be national or international in scope and participation, although for workshops held outside the US, sponsorship will be limited and available only for travel of US scientists and students. Workshops also provide an important opportunity for early career scientists and students to showcase their work, participate in community planning, and network with colleagues in their field and across disciplines.

### **Upcoming and Recent Workshops**

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The 2014-2016 US CLIVAR-sponsored workshops resulting from successful requests are listed below. Most completed workshops have summary reports on their respective webpage.

[CLIVAR Open Science Conference](#)  
[Forecasting ENSO Impacts on Marine Ecosystems of the US West Coast](#)  
[Connecting Paleo and Modern Oceanographic Data to Understand AMOC Over Decades to Centuries](#)  
[Translating Process Understanding to Improve Climate Models](#)  
[Salinity and Freshwater Changes in the Ocean](#)  
[Air-Sea Fluxes for the Southern Ocean](#)  
[Observing & Modeling Climate Variability in the Inter-Americas Seas](#)  
[ENSO in a Changing Climate](#)  
[Gas Transfer at Water Surfaces](#)  
[International Global Drought Information System](#)  
[South Atlantic Circulation Variability & Change](#)  
[Summer School on Attribution and Prediction of Extremes](#)  
[High-Resolution Ocean Climate Modeling](#)

## Description and Guidelines

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US CLIVAR sponsors scientific workshops, conferences, and meetings to advance its goals through funding provided by the US CLIVAR Inter-Agency Group (IAG) comprised of agency program managers at five US funding agencies: NASA, NOAA, NSF, DOE, and ONR. Requests are considered twice a year (April/May and October/November). Funding for support of meetings is limited and priority is given to those efforts that demonstrate high relevance and payoff for US CLIVAR investment. Organizers seeking funding should review the goals and objectives of the US CLIVAR program, particularly the [Science Plan](#). Strategically focused workshops are of highest interest to agency sponsors; ones that make a case for moving the science forward.

The semi-annual calls for workshops provide scientists the opportunity to have their request simultaneously considered by all five US CLIVAR sponsoring agencies. This approach allows agencies to collectively consider needs and interest within the community and to coordinate possible interagency support. Therefore workshops should be of sufficient scope to interest multiple agencies and programs.

One goal of US CLIVAR is to foster collaborations (i) among Earth system science communities to advance the understanding of the role of the ocean in climate and its interaction with other elements of the Earth system and (2) with operational communities that develop and use climate information. For workshops addressing interdisciplinary topics, with anticipated participation of scientists from multiple disciplines (e.g., other Earth system or operational communities), the organizers are encouraged to identify and submit companion requests for support to other sponsoring programs. In such cases, the organizing committee membership and preliminary invited speaker list should reflect the interdisciplinary expertise required.

Organizers may consider as an alternative to an in-person meeting, the option of a virtual workshop held via web conferencing system. The first such US CLIVAR-organized virtual workshop was held in September 2015 on [Observing and Modeling Climate Variability in the Intra-Americas Seas](#). It included plenary sessions with webinar style presentations, innovative online poster sessions allowing for discussion with poster presenters, and online group discussions to synthesize findings and recommended next steps. This novel approach requires additional planning and training than for more traditional meetings. Given the staffing requirements to organize a virtual workshop, only a limited number can be supported each year.

Below are guidelines on how requests should be formulated and submitted to the US CLIVAR Project Office (USCPO) and how they are evaluated and funding decisions determined.

1. A request for US CLIVAR financial sponsorship for a scientific conference/meeting/workshop should be submitted to the USCPO.
2. The request will be forwarded to the IAG for consideration.
3. The IAG may consult with the US CLIVAR Scientific Steering Committee for feedback and recommendations.

4. If additional information is required to inform IAG consideration, the USCPO will convey to the organizers on behalf of the IAG, so that the organizers can provide such information or clarification.
5. Final IAG decisions will be communicated by the USCPO to the organizers.

## **Preparation and Submissions of Workshop Requests**

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Priority is given to workshops organized principally by US scientists<sup>1</sup> and held at a venue in the US. For such domestic workshops, the USCPO will assist the organizers with setting and executing a planning timeline, the workshop webpage on the US CLIVAR website (including the online abstract submission and registration), promoting the event within the community, arranging logistics and providing onsite meeting support, posting presentations online, and editing, publishing, and promoting the workshop summary report.

For workshops organized by an international body (e.g., WCRP or International CLIVAR), priority consideration will be given to meetings held in the US. The USCPO will help promote the event within the US community and arrange logistics and travel as approved. Sponsorship for international meetings in the US may include costs for travel of US participants (organizers, invited speakers, early career scientists, and students) plus some costs for local logistics. For workshops outside the US, sponsorship will be limited and restricted to travel of US participants.

The workshop request should be no more than ten pages and include the following information:

1. A description of the workshop/conference/meeting/training:
  - Dates, location, and size (number of participants)
  - Whether open or by invitation (with rationale for the latter)
  - Organizers and affiliations (reflecting diversity, e.g., institutions, career stage, gender, and race/ethnicity)
  - Meeting objectives (what is it seeking to achieve?)
  - Relevance and/or benefits to US CLIVAR (e.g., how will results contribute to CLIVAR's goals and implementation?)
  - Relationship of meeting to other meetings and activities (e.g., how will this meeting build upon findings and recommendations of earlier efforts; how will it inform future activities?)
  - Format of the meeting and preliminary draft agenda
  - Potential list of invited speakers/participants (also reflecting diversity)
  - Deliverables (e.g., meeting report, white paper, journal article; and expected publication dates)
2. A description of the financial request:
  - Total cost estimate for the meeting (from all sources)

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<sup>1</sup> *Non-US scientists are welcome to participate on organizing committees and as participants. Travel support for non-US participants should be sought from other sources.*

- Itemized budget request for US CLIVAR contribution, providing breakout by cost categories (i.e., salaries/benefits, materials/supplies, purchased services, travel, overhead)
- Description of additional contributing sponsorships (including local or partnerships) that would help defray meeting costs

Organizers should first contact the USCPO and indicate interest in developing a request. The Director will provide initial feedback on the purpose, scope, and relevance to US CLIVAR. The USCPO will assist in editing the draft request and in developing the budget. For those contemplating the option of a virtual workshop, the USCPO can provide you information on the challenges and benefits of this approach and its suitability for your objectives.

Examples of recent successful workshop requests, resulting in full sponsorship by US CLIVAR agencies, are available for [download here](#). And a template for workshop requests can be [downloaded here](#).

## Workshop requests due May 6, 2016

Electronic copies of the request (PDF) should be submitted to USCPO ([uscpo@usclivar.org](mailto:uscpo@usclivar.org)). No exceptions will be made for submissions past the deadline. The USCPO will immediately forward the request to the IAG for discussion at the following IAG meetings in May and June. Decisions will be shared by the USCPO with the organizers soon thereafter. The timing of requests should reflect sufficient time (at least 6 months, and preferably 9 months, prior to the workshop) for agencies to provide feedback on the scope and to advertise the effort to the broad community. Unless otherwise justified, the workshops should take place in 2017.

Workshops selected for sponsorship are expected to include acknowledgement of US CLIVAR and the sponsoring funding agencies in workshop announcements, meeting materials, and publications.

Funding agency resources available for workshops are limited, and not all submitted requests are supported. The next call will be in September 2016.

Please contact the USCPO ([uscpo@usclivar.org](mailto:uscpo@usclivar.org)) with any questions regarding the development of a workshop request.