

July 2006
U.S. CLIVAR News-gram

Table of Contents

i – Calendar of Upcoming Events

Research Opportunities and Calls for Papers

1. AGU Fall 2006 Session Proposals Due

Position Announcements

2. Research Oceanographer, NOAA's Laboratory for Satellite Altimetry
3. The Center for Research on the Changing Earth System (CRCES)

Meetings and Workshops:

4. GODAE Symposium on ocean data assimilation and prediction in Asia-Oceania
5. Earth's Radiative Energy Budget Related to SORCE
6. Climate Prediction Applications Science Workshop
7. Seventh Workshop on Decadal Climate Variability
8. Third Alexander von Humboldt International Conference on "East Asian Summer Monsoon, past, present and future"

CALENDAR of UPCOMING EVENTS (for more information - www.usclivar.org/calendar.html)

July 2006:

- 5-7: NASA Ocean Vector Winds Science Team Meeting (Salt Lake City, Utah)
10-13: Ocean Carbon Cycle Science Workshop (Woods Hole, MA)
13-15: VACS Panel Meeting (Tanzania)
10-14: Tropical Convection and The Weather Climate Interface (Boulder, CO)
24-25: U.S. CLIVAR MJO Working Group Meeting (Breckenridge, CO)
26-28: U.S. CLIVAR Summit (Breckenridge, CO)

August 2006:

- 31 – 4 Aug: CLIVAR WGCM/AIMES Workshop: Next generation Earth System Models and emissions scenario requirements (Aspen, Colorado)
14-18: Climate Prediction Program for the Americas PI Meeting (Tucson, Arizona)
17-18: NAME Science Working Group Meeting (Tucson, Arizona)
28-30: WCRP Observation and Assimilation Panel 2nd Meeting (Ispra, Italy)

Research Opportunities and Calls for Papers

1. AGU Fall 2006 Session Proposals Due

There is an opportunity to propose special sessions at the 2006 Fall AGU meeting, 11-15

Dec, 2006. Special sessions are an opportunity to encourage the wider scientific community to contribute their results on a specific topic or issue.

Proposals are due by June 8:

<http://www.agu.org/meetings/fm06/?content=program#sessionProposals>

Position Announcements

2. Research Oceanographer, NOAA's Laboratory for Satellite Altimetry

The NOAA Laboratory for Satellite Altimetry (LSA), invites applications for a career research oceanographer position, salary range \$54,272 to \$84,559. LSA specializes in the measurement of sea surface topography by radar altimetry for use in a wide range of studies including ocean currents, heat transport, seasonal-to-interannual variability, climate change, and global sea level rise. The incumbent conducts research and supports operations related to satellite altimeter missions such as Jason-1, Envisat, and Geosat Follow-On. This requires working at the interface between the sponsoring agencies (e.g. NASA, French and European Space Agencies, U.S. Navy) and users of the data within government and academia. Specifically, he/she generates ocean analyses and carries out research requiring an understanding of physical oceanography, marine geodesy, coastal and open-ocean processes, and how to model the ocean-atmosphere system. The successful candidate will be considered one of NOAA's foremost experts in the application of satellite altimetry to oceanography. Detailed information on qualification requirements and application procedures can be found at <https://jobs1.quickhire.com/scripts/doc.exe>, under vacancy number NESDIS R&A-2006-0021. The U.S. Department of Commerce is an Equal Opportunity Employer.

3. The Center for Research on the Changing Earth System (CRCES)

CRCES invites applications for the following position:

1. Research associate for a project on analyses of the Indo-Pacific Warm Pool's decadal-multidecadal variability and its impacts on global climate. Background requirements include a Ph.D. degree or an M.S. degree with at least five years' relevant experience in Meteorology/Physical Oceanography/closely-related field; and some experience of using general circulation models of the oceans and/or the atmosphere, and statistical analysis techniques. Experience of using Unix/Linux-operated workstations and servers, and graphics software such as GrADS and IDL is essential.
2. Research assistant for a project on analyses and modeling of climate variability impacts on water resources and agriculture in the Missouri River basin. Background requirements include an M.S. degree in Hydrology, Meteorology, Geography, or a closely-related field; and experience in the use of crop yield and hydrologic process simulation models, and statistical analysis. Experience of using Unix/Linux-operated workstations and servers, and graphics software such as GrADS and IDL is desirable. The appointments in these positions will begin on or about 15 July 2006. Starting salary

will be commensurate with qualifications and experience. Fringe benefits are generous. These positions will remain open until filled; however, to ensure priority attention, please send a curriculum vita, a statement of research interests, and names of three references before 1 June 2006 to:

Ms. Janet Wood
The Chief Administrative Officer
The Center for Research on the Changing Earth System
10211 Wincopin Cir., Suite 240, Columbia, Maryland 21044, USA
E-mail: wood@crces.org

Meetings and Workshops

4. GODAE Symposium on ocean data assimilation and prediction in Asia-Oceania 16-18 October 2006 Beijing, China

GODAE (<http://www.bom.gov.au/bmrc/ocean/GODAE/>) is an international program that aims to advance ocean data assimilation by synthesizing satellite and in-situ observations (e.g. from satellite altimeters and ARGO floats) with state-of-the art models of global ocean circulation. In the past few years, a suite of GODAE systems have been developed to produce global and basin-scale ocean analysis and short-term forecasts. GODAE products are also being used for ecosystem applications and to provide lateral open boundary conditions for regional and coastal systems. The specific requirements of these applications are important to the GODAE product developers as well as to the understanding of the need for large-scale observational systems. GODAE prediction systems for the Asia-Oceania region are being actively developed. Capitalizing on these developments, GODAE is organizing a symposium in Beijing, China to address key technical issues and to enhance the interaction of GODAE system developers and product users, especially in the Asia and Oceania regions.

Accordingly, the symposium will focus on the following four aspects:

1. Observing systems
2. Representation of data and model errors
3. Coastal and regional applications
4. Marine ecosystem

Abstract submission

Participants need to submit abstract online through the symposium website http://ctwfi.iap.ac.cn/godae2006/OtherNews_show.asp?id=1. The preference of oral or poster presentation need to be specified.

Support for travel and local expenses

Limited fund will be available to support travel and local expense of participants from developing countries.

Deadlines

Abstract submission: July 1, 2006.

Abstract acceptance notification: July 30, 2006.

Registration: August 15, 2006.

Registration fee: None.

**5. Earth's Radiative Energy Budget Related to SORCE
September 20-22, 2006
San Juan Islands, Washington**

The final meeting announcement and registration information is available at:
<http://lasp.colorado.edu/sorce/2006ScienceMeeting/index.htm>.

The 2006 SORCE Science Meeting is motivated by the NASA/EOS Solar Radiation and Climate Experiment (SORCE). We encourage your attendance and hope that you will share this announcement with colleagues.

Solar radiation is the primary energy sources for many processes in Earth's environment and is responsible for driving the atmospheric and oceanic circulations. SORCE is currently measuring the solar irradiance at the top of the atmosphere, and the magnitude and spectral distribution of this solar radiation is modified from the SORCE-measured values via scattering and absorption within the atmosphere and at the surface. Several of the key issues to be addressed include:

- * Present knowledge of the Earth,s radiation budget from space, from within that atmosphere, and at the surface
- * Key processes that control Earth,s albedo
- * Key radiative forcing agents, of natural and anthropogenic origin, and how have their relative influences changed over the centuries
- * Important feedback mechanisms for regulating Earth's climate
- * Sensitivity of climate to induced radiative forcing and over what time scales does climate respond
- * Role of the biosphere

**6. Climate Prediction Applications Science Workshop
MARCH 27-30, 2007
SEATTLE, WASHINGTON**

The National Weather Service Climate Services Division, in conjunction with the University of Washington Climate Impacts Group (CIG), will host the 5th Climate Prediction Applications Science Workshop (CPASW) in Seattle, Washington, on March 27-30, 2007. The workshop will bring together a diverse group of climate science producers and users to share developments in research and applications related to the use of climate predictions in societal decision-making. The meeting goals are:

(1) to identify new climate prediction applications research, (2) to “build community” by promoting interactions between integrated climate-sensitive research and service communities, (3) to assess impacts of climate forecasts on environmental-societal interactions, (4) to provide feedback to producers of climate products on user requirements. The workshop will not address technical challenges of making climate predictions, climate modeling, or other technical topics related to the science of climate predictions.

Information on the workshop will be posted at:

<http://www.cses.washington.edu/cig/outreach/workshopfiles/cpasw07/> For more information, contact either Diana Perfect (email: diana.perfect@noaa.gov phone: 301-713-1970 Ext. 132), or Dennis Lettenmaier (email: dennisl@u.washington.edu phone: (206) 543-2532)

**7. Seventh Workshop on Decadal Climate Variability
Honolulu, Hawaii
30 April – 3 May 2007**

The Seventh Workshop on Decadal Climate Variability will be held in the Hilton Waikoloa Village (the location of the Feb. 2004 Workshop) near Kona in Hawaii. Hotel reservation, registration, and abstract submission information will follow in August 2006. Please contact Vikram Mehta (vikram@crces.org) if you would like to be on the mailing list for this Workshop.

8. Third Alexander von Humboldt International Conference on "East Asian Summer Monsoon, past, present and future

This meeting is co-organised by the European Geosciences Union and the Chinese Academy of Sciences (and expected to be under the patronage of other international bodies involved in monsoon research). It will be held in Beijing late August or September 2007. This is one of the first meetings gathering scientists involved in east Asian monsoon research both of the present-day and of the past. Discussions between these two communities are expected to bring new interesting ideas on how the monsoon system work and will evolve in the future.