

# April 2011 U.S. CLIVAR News-gram



Please forward to interested colleagues. If you have announcements to include in our next issue or if you would like to be removed from the news-gram email list please email Cathy Stephens in the US CLIVAR Office ([cstephens@usclivar.org](mailto:cstephens@usclivar.org)).

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## Calendar of Upcoming Events

(for more information-[www.usclivar.org/calendar.html](http://www.usclivar.org/calendar.html))

### April

- 5-7: NASA Evapotranspiration Workshop (Silver Spring, MD)
- 10-15: International Symposium on Remote Sensing and the Environment (Sydney, Australia)
- 11-12: NASA Drought Monitoring Workshop (Silver Spring, MD)
- 13-14: 2011 Drought Monitor Forum (Fairfax, VA)
- 18-20: TRACE Community Discussion Workshop (Silver Spring, MD)

### May

- 2-4: Conference on Polar Meteorology and Oceanography (Boston, MA)
- 2-5: CLIVAR SSG-18 (Paris, France)
- 2-6: Workshop on Advances in the Use of Historical Marine Climate Data (Frascati, Italy)
- 9-11: Global Synthesis and Observations Panel Data Meeting (Grenoble, France)

### June

- 6-24: NCAR Advanced Study Program on Extreme Weather under Climate Change (Boulder, CO)
  - 20-24: Coupled Earth System Model Workshop (Breckenridge, CO)
  - 28- July 11: IUGG Meeting (Melbourne, Australia)
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## Position Announcements

### **1. Partnership for Observation of the Global Oceans Visiting Professorship**

**Deadline for applications is 15 April 2011**

#### **\*POGO-SCOR Visiting Fellowships\***

The scheme is designed to promote training and capacity building leading towards a global observation scheme for the oceans, and is aimed at scientists, technicians, graduate students (PhD) and post-doctoral fellows involved in oceanographic work at centers in developing countries and countries with economies in transition. Priority is given to applicants in early stages of career development. The fellowship offers the opportunity to visit other oceanographic centers for a short period (1 to 3 months) for training on any aspect of oceanographic observations, analyses, and interpretation. It provides financial support to cover the return airfare from the fellow's home country to the host institution, and a monthly stipend to cover accommodation and subsistence for the period of the visit. For more information visit: <http://ocean-partners.org/training-and-education/pogo-scor-fellowship>.

#### **\*POGO Visiting Professorships\***

The goal of the Visiting Professorship is capacity building in the host institution, leading to enhanced sustained ocean observations to address societal issues of the day. The program generally funds one Professorship every year. The Professorship allows short visits (2 weeks to 3 months) of distinguished scientists from advanced oceanographic institutes to institutes in developing countries and countries with economies in transition, to provide training and mentoring, to develop collaborations and enhance networking. The program is open to oceanographic research establishments and educational institutes in developing countries and countries with economies in transition. The proposal must be submitted by a senior scientist from the institute wishing to host the visiting professor, and the application must be made after procuring in writing the willingness of the proposed professor to participate in the program. The program will cover the international travel costs of the professor and a modest honorarium. It may be possible for the program to cover hotel and per diem for the visiting professor in exceptional circumstances, but it is preferred that the host institution cover all the local costs for the visiting professor, as a mark of their commitment to the program. The program would also cover modest travel and accommodation costs for inviting students or young scientists from neighboring areas to the host institution, to benefit from the visit and the training provided by the eminent visiting professor. For more information go to: <http://ocean-partners.org/training-and-education/pogo-visiting-professorship>.

### **2. Director of the Climate and Cryosphere (CliC) International Project Office**

The World Climate Research Programme (WCRP) and the Norwegian Polar Institute (NPI) invite applications for the position of Director of the CliC International Project Office (CIPO). The CIPO is hosted by the Norwegian Polar Institute in Tromsø, Norway; please see <http://www.npolar.no/>. More information on the job description, conditions of service, application procedure, etc. is available at <http://npweb.npolar.no/english/articles/1300788468.42/>.

Applications must be submitted electronically via

<http://www.jobbnorge.no/job.aspx?jobid=73740/>. The deadline for applications is **18 April 2011**.

### 3. UCAR President Search

The Board of Trustees of UCAR has initiated a search for a new President. This is an important position for our community and we are asking for help in identifying excellent candidates. Please go to the Presidential Search Website where you can read the job description and meet the search committee. At that location you can also link to a survey where you can suggest candidates or tell us what you think is most important to consider for the characteristics and skill set of the next UCAR President. We hope that you will encourage highly qualified candidates to apply.

The UCAR President Search website is here <http://www.ucar.edu/ucar-president-search/>

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## Meetings and Workshops

### **1. Past Present and Future Change in the Atlantic Meridional Overturning Circulation, Joint US AMOC/UK RAPID International Meeting**

12-15 July 2011

At-Bristol Science and Discovery Centre, Bristol, UK

<http://www.noc.soton.ac.uk/rapid/ic2011/>

Observations and numerical modeling experiments have suggested links between variability in the Atlantic Meridional Overturning Circulation (AMOC) and global climate patterns. Reduction in the strength of the overturning is thought to have played a key role in rapid climate change in the past and may have the potential to do so in the future. This is the motivation for research conducted in the UK RAPID and US AMOC science programs. The meeting is a joint initiative between the two programs, and will explore the scientific understanding of Atlantic variability on a range of time scales, with a main focus of the role of the AMOC.

#### **Science Themes**

What do we know about present and past changes in the AMOC on seasonal to millennial time scales?

How does the AMOC influence ocean, atmosphere and terrestrial climate and ecosystems?

How will the AMOC change over the next few decades and over the 21st century?

Outlook and Challenges

Abstract submission closed March 21, 2011.

### **2. Community Discussion Workshop on Terrestrial Regional North American Hydro-Climate Experiment (TRACE)**

April 18-20, 2011

Crowne Plaza Hotel, Silver Spring, Maryland

<http://www.trace-rhp.org/index.html>

US CLIVAR scientists are invited to participate in an Initial Community Discussion Workshop to help plan a new Terrestrial Regional North American Hydroclimate Experiment (TRACE). Preliminary statements of vision, objective and mission of the proposed TRACE are provided below.

Vision: coalesce an interdisciplinary, international and interagency effort to revolutionize North American hydro-climate science and solutions.

Objective: entrain, integrate and coordinate the vast array of observations and prediction resources available to significantly advance skill in predicting and managing changes in North American water resources, as an integral part of the global climate system.

Mission: measure and predict North American energy and water variations, trends, and extremes through improved observation and prediction, thereby providing the scientific underpinnings of future climate services.

TRACE intends to build on previous contributions to GEWEX, but include the broader climate, carbon, ecology, and applications communities. To this end, US CLIVAR scientists are encouraged to participate in the workshop and share their perspective on the possible scope and science to be implemented by such an effort.

The Workshop will convene at 8:30 am and adjourn at 5:30 pm on both Monday, April 18th and Tuesday, April 19th. On the last day, Wednesday, April 20th, the meeting will adjourn at noon. Registration forms are available via the website and should be submitted by April 8, 2011.

### **3. 2011 Gordon Research Conference and Seminar, Radiation and Climate**

**July 10-15, 2011**

**Colby College, Waterville, ME**

Applications are now being accepted for the 2011 *Gordon Research Conference (GRC)* on Radiation and Climate, to be held **July 10-14 2011** at Colby College, Maine. The conference focus for 2011 is *Clouds, Aerosols, Precipitation and their Role in Climate and Climate Change*. Speakers will present cutting-edge research on outstanding issues in climate change, particularly those in which the interactions between clouds, aerosols, and precipitation play a major role. The Conference will feature a broad range of topics, including grand challenges in atmospheric radiation and climate, cloud and hydrological cycle feedbacks, aerosol-cloud-precipitation-climate interactions across scales, new approaches for remote sensing and in-situ observations of clouds, aerosols and precipitation, and multi-scale modeling challenges.

The GRC will bring together a collection of leading investigators who are at the forefront of their field, and will provide opportunities for scientists, especially junior scientists and graduate students, to present their work in poster format and exchange ideas with leaders in the field. The collegial atmosphere of this Conference, with programmed discussion sessions as well as opportunities for informal gatherings in the afternoons and evenings, provides an avenue for scientists from different disciplines to brainstorm and promotes cross-disciplinary collaborations in the various research areas represented.

For a list of session topics, speakers and discussion leaders, and to register for the GRC, please visit the website: <http://www.grc.org/programs.aspx?year=2011&program=radclimate>. Applications for the GRC must be submitted by **June 12, 2011**. Please apply early, as some meetings become oversubscribed before this deadline.

Graduate students and early-career scientists will also have the opportunity to present their work at the first ever *Gordon Research Seminar (GRS)* held immediately before the GRC (**July 9-10, 2011**). The

GRS will provide a unique forum for graduate students, post-docs, and early career scientists to present their work and exchange cutting edge ideas with other scientists with comparable levels of experience and education. Most of the attendees of the GRS are expected to attend the Gordon Research Conference that immediately follows it (July 10-15, 2011). For more information and to submit an application, please visit the Gordon Research Seminar website:

[http://www.grc.org/programs.aspx?year=2011&program=grs\\_radc](http://www.grc.org/programs.aspx?year=2011&program=grs_radc)

#### **4. 2011 South African Society for Atmospheric Science Conference**

**September 22-23, 2011**

**Amanzingwe lodge near Pretoria, South Africa**

<http://web.csag.uct.ac.za/sasas/index.php/sasas-2011>

The Conference theme, *The Interdependent Atmosphere, Land and Ocean*, aims to examine the synergy and interactions within the coupled system with a focus on Southern Africa. This theme also addresses the United States Global Change Research Program Mail cross-disciplinary collaboration activities within the research and applied science communities, and the interface between science and society. The conference programme will offer plenary sessions (addressed by reputable international and local keynote speakers), together with parallel theme presentations and poster sessions. The conference invites research papers on topics pertaining to the components and interactions of the coupled system, including modelling, field studies and observations, remote sensing, and purely theoretical studies.

Participants from all relevant disciplines are encouraged to submit papers on the weather and climate aspects of their work, and particularly noting the disciplines of:

- meteorology and oceanography
- agrometeorology
- hydrology
- climatology (including paleoclimatology)
- land surface processes
- air quality and atmospheric chemistry
- climate and society (including impacts, adaptation, policy, risk management, etc)

Deadline for Expression of Interest and Presentation Title: **27 May 2011**

contact: [Stephanie.Landman@weathersa.co.za](mailto:Stephanie.Landman@weathersa.co.za)

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## **Announcements**

### **Atmospheric Sounding Data Legacy Web Page Announced**

The NCAR Environmental Observing Laboratory and the Colorado State University Department of Atmospheric Science announce a newly established atmospheric sounding data legacy project site (<http://www.eol.ucar.edu/projects/legacy>). The project aims to identify, catalog, rescue, and eventually archive sounding data from past field programs going back over 50 years. Initial efforts have been directed principally at identifying past field campaigns where sounding networks have been employed. The effort, supported by NOAA and NSF, is being coordinated with the NOAA National Climate Data Center.

Assistance of the atmospheric science community is sought to help locate missing data sets in ASCII digital form. Please visit the site for the current list of field programs for which data is available and others for which it is still being sought. Though primary interest is in upper-air sonde data, as other supporting datasets and/or documentation are found (e.g., surface, aircraft, radar) links will provided to these as well.