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October 2008 U.S. CLIVAR News-gram

The U.S. CLIVAR Western Boundary Current Working Group (<http://www.usclivar.org/WBCWorkshop2009.php>) and the Drought Working Group (<http://www.cpc.ncep.noaa.gov/products/outreach/CDPW33.shtml>) will both be hosting workshops in the coming months.

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New Products and Reports Available:

- **CCSP Synthesis and Assessment Product 1.2 "Past Climate Variability and Change in the Arctic and at High Latitudes"**
- **New AMS Journal: Weather, Climate, and Society**

CALENDAR of UPCOMING EVENTS

(for more information-www.usclivar.org/calendar.html)

November 2008

4-6: Arctic Research Symposium (Tokyo, Japan)
12-15: GODAE Final Symposium (Nice, France)
17-19: GISS AR4 Symposium (New York)

December 2008

3-5: Aquarius Science Meeting (Argentina)
15-19: Fall AGU Meeting (San Francisco, CA)

Research Opportunities

1. Call for Pre-Proposals: PolarCLIMATE

Pre-Proposal Application Deadline: Friday, 24 October 2008

For further information, please go to:
<http://www.esf.org/polarclimate>

The European Polar Consortium, in association with the European Science Foundation, is pleased to announce a call for pre-proposals for the PolarCLIMATE Programme. For further information, please go to: <http://www.esf.org/polarclimate>. The Call for Pre-Proposals **opens on Friday, 26 September 2008, and pre-proposals will be accepted until Friday, 24 October 2008.**

The pre-proposals will lead to potential Joint Projects to be undertaken within the PolarCLIMATE Programme. Following agreement with 20 ministries and funding organizations from 18 European Countries in Austria, France, Belgium, Bulgaria, Czech Republic, Denmark, Estonia, Finland, Germany, Italy, the Netherlands, Norway, Poland, Portugal, Romania, Spain, Sweden and the United Kingdom, the PolarCLIMATE Programme is expected to run for 3-4 years, supported by national research funding. The Programme aims to support high quality transnational research at the European level in the Arctic and Antarctic. The total commitment to the call by the agencies is estimated to be 10 Million Euros.

Scientists at US institutions seeking NSF funding to partner with European colleagues on PolarCLIMATE projects should contact the relevant Program Officer in the Office of Polar Programs (OPP) at the National Science Foundation. The next Arctic Sciences call for proposals closes 18 November, while the next Antarctic call for proposals will close in June 2009.

**2. 8th International NCCR Climate Summer School with participation of IGBP-PAGES
"Climate variability, forcings, feedbacks and responses: the long-term perspective"
30 August - 4 September 2009, Grindelwald, Switzerland**

The NCCR Climate, Switzerland's Centre of Excellence in Climate and Climate Impact Research, invites young scientists to join leading climate researchers in a scenic Swiss Alpine setting for keynote lectures, workshops and poster sessions on the occasion of the 8th NCCR Climate Summer School 2009.

The topics covered at the NCCR Climate Summer School 2009 will include:

- * climate variability: the long-term perspective
- * reconstruction techniques, past climate modelling and data assimilation
- * forcings, feedbacks and responses of the climate system
- * impacts of climate change: the hydrological cycle

The Summer School invites young researchers from all fields of climate research. The courses cover a broad spectrum of climate and climate impact research issues and foster cross-disciplinary links. Each topic includes keynote plenary lectures and workshops with in-depth discussion in smaller groups. All Summer School participants present a poster of their research and there will be ample opportunity for discussion.

Lecturers for keynotes and workshops (confirmed): International speakers: E. Cook (LDEO, USA); N. Graham (Scripps SIO, USA); G. Hegerl (U Edinburgh, UK); B. Otto-Bliesner (NCAR, USA); Swiss speakers: J. Beer (EAWAG); N. Buchmann (ETH Zurich); J. Esper (WSL); J. Luterbacher (U Bern); F. Joos (U Bern); C. Scherrer (ETH Zurich); M. Schwikowski (PSI); T.F. Stocker (U Bern); W. Tinner (U Bern); H. Wanner (U Bern) and others.

The Summer School is open to young researchers (PhD students and Post-Docs) worldwide. Participation is highly competitive and will be limited to a maximum of 70. The registration fee (1'200 CHF) includes half board accommodation, excursion and teaching material. A small number of grants will be available for students from developing countries.

DEADLINE FOR APPLICATIONS: 20 DECEMBER 2008 Successful applicants will be notified in February 2009. On-line information and the application form are available at http://www.nccr-climate.unibe.ch/summer_school/2009/

Contact:

University of Bern, NCCR Climate Management Centre, Zhringerstrasse 25, CH-3012 Bern, Switzerland, nccr-climate@oeschger.unibe.ch, Telephone +41 31 631 31 45, Telefax +41 31 631 43 38

Position Announcements

3. Dean, College of Geosciences of Texas A&M

The College of Geosciences of Texas A&M is seeking an exceptional individual as Dean. The holder of this position is the chief executive officer of the College with 110 tenured and tenure-track faculty members, 16 research scientists, 265 graduate students, 489 undergraduate students, and a total research and teaching budget of \$84 million. The College of Geosciences seeks to provide an understanding of our changing planet: the solid earth, the oceans, the atmosphere; coupled human and natural systems; and the application of state-of-the science research to energy, environment and climate change. The College includes the Departments of Atmospheric Sciences, Geology and Geophysics, Geography, and Oceanography and a variety of research units including the Integrated Ocean Drilling Program, the Sea Grant College Program, and the Geochemical and Environmental Research Group. Close collaborations, through programs such as the Center for Atmospheric Chemistry and the Environment and to Sustainable Coastal Margins Program, exist with other colleges across the campus.

Texas A&M is seeking distinguished, proactive, and visionary candidates with • Dedication to the goals of the College of Geosciences and commitment to energizing and enhancing the activities of the College within and outside the university;

- Distinguished record of accomplishment in academia, industry, or government appropriate for a tenured full Professor in one of the Departments of the College;
- Proven and distinguished record of administrative service;
- Demonstrated ability to recruit, retain, and develop outstanding faculty, staff, and students;
- Clear and demonstrated commitment to excellence in research, undergraduate and graduate education, and active engagement with our federal, state, industry and community partners;
- Commitment to diversity, equal opportunity, and global perspectives;
- Commitment to leadership in fund-raising and obtaining enhanced external support.

The Search Advisory Committee will begin to review applications on November 15, 2008. The review will continue until the position is filled. Applicants should submit a letter of application, 1-2 page narrative summary of experience and administrative philosophy, curriculum vitae and the names and telephone numbers of at least three references. (References will be contacted only after permission is obtained from the candidate.) Applicants should also provide a preferred telephone number and mailing and e-mail addresses.

Please send applications and nominations to:

Dr. H. Joseph Newton, Chair

Dean of Geosciences Search Advisory Committee Texas A&M University

College of Science

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Texas A&M University is an Equal Opportunity and Affirmative Action Employer. The University is dedicated to the goal of building a culturally diverse and pluralistic faculty and staff committed to teaching and working in a multicultural environment. We strongly encourage applications from women, underrepresented ethnic groups, and individuals with disabilities. Find more information about this position at <http://geosciences.tamu.edu>

4. MIT Postdoctoral Scientist in Atmospheric Climate Modeling

The MIT Joint Program on the Science and Policy of Global Change has an immediate opening for a postdoctoral scientist to study the impacts of climate change. The successful applicant will join an effort to use 3D atmospheric and coupled climate models to study climate change impacts, which will include, but are not limited to, the effects on atmospheric chemistry, ecosystems, water resources, and human health. This will be a major component of the MIT Integrated Global System Model and used to explore uncertainty in climate predictions and policies.

Requirements: A Ph.D. in atmospheric sciences is required. Experience with atmospheric general circulation models is strongly preferred, particularly CAM and/or CCSM. Familiarity with a parallel computing environment and climate models is desirable. Salary is negotiable. Proposed start date is as soon as possible. The initial appointment is for two years with a possible extension of up to two additional years depending on performance and availability of funding.

To apply, please send a curriculum vitae, a letter of interest with the names of three references to:

C. Adam Schlosser
Assistant Director of Research
Joint Program on the Science and Policy of Global Change
Massachusetts Institute of Technology
Building E40-413
1 Amherst St.
Cambridge, MA 02139-4307
email: casch@mit.edu
Phone: +1-617-253-3983
Fax: +1-617-253-9845
More information on the Joint Program can be found at: <http://mit.edu/globalchange/>

5. University of California Irvine, Postdoctoral Position in Tropical Atmospheric Dynamics

The Department of Earth System Science at the University of California, Irvine (UCI) seeks a postdoctoral research associate to work on innovative research in tropical atmospheric dynamics, with close collaboration with groups in both the Computer Science Department and the Statistics Department at UCI. The successful candidate will work on statistical modeling of the dynamic Intertropical Convergence Zone (ITCZ) using satellite observations as well as assimilated data. Additionally, a newly developed Bayesian tracker (which also "tracks" intensity) will be used to characterize tropical variability including genesis/lysis and mergers of vortex structures. The research will focus on relating ITCZ activity and intensity of disturbances to the atmosphere/upper ocean background state.

Scientists with a strong background in tropical meteorology, large-scale atmospheric dynamics and possessing excellent computational and statistical skills are encouraged to apply. Candidates

must have a strong programming background (in Matlab for example). A PhD in atmospheric or related sciences is required. The initial appointment is for one year. Salary is commensurate with experience.

Please send a CV with the names of three references to
Prof. Gudrun Magnusdottir
Dept. of Earth System Science
University of California, Irvine
Irvine, CA 92697-3100 or by email to: gudrun@uci.edu.

The University of California, Irvine is an equal opportunity employer committed to excellence through diversity.

Meetings and Workshops

6. CSDA Summer Colloquium on Data Assimilation

The NASA/NOAA/DoD Joint Center for Satellite Data Assimilation (JCSDA) is pleased to announce a Summer Colloquium on Data Assimilation in 2009 engaging graduate students and individuals with early postdoctoral appointments in the science of data assimilation for the atmosphere, land, and oceans. The program will include lectures by internationally recognized experts in data assimilation and an opportunity for students to interact with the lecturers in an informal setting. The objective of the program is to foster the education of the next generation of data assimilation scientists.

Deadline for application: December 1, 2008

http://www.jcsda.noaa.gov/meetings_2009SummerColloq.php

7. US CLIVAR Western Boundary Current Workshop Phoenix, Arizona 15-17 January 2009

The overall objective of the Workshop is to seek better understanding of WBC ocean-atmosphere interaction that can improve the decadal and longer timescale predictability of the climate system, and to assess our present knowledge and to explore future directions/opportunities in studies of WBC ocean-atmosphere interaction. The Workshop will feature focused oral sessions with a mix of invited and contributed presentations, thematic poster sessions, and a round-table discussion. For additional information: <http://www.usclivar.org/WBCWorkshop2009.php>

8. Enabling Scientific Opportunities Using High Precision Global Positioning Observations from Ocean Platforms

The Global Positioning System (GPS) is increasingly being used to address scientific problems related to the Earth and its atmosphere. Geophysicists and geodesists use GPS to study plate tectonics, earthquakes, volcanoes, and glaciers. Atmospheric scientists can measure the refractive index of the atmosphere and derive integrated water vapor observations (from ground based receivers) and density profiles (from space based receivers). A two and a half day planning meeting is being held to evaluate how high precision GPS observations can be extended onto ocean platforms and what potential science questions these observations can address.

More information can be found at the following URL:

http://www.joss.ucar.edu/joss_psg/meetings/Meetings_2008/ocean_workshop/

9. The 3rd Argo Science Workshop: the Future of Argo Hosted by the Second Institute of Oceanography in Hangzhou, China, 25-27 March, 2009

Talks and posters are invited on any topic and any region provided that substantial use is made of Argo data. The purpose of the meeting is to assess the general utility of the Argo array and its future direction. Deadline for **abstract submission is 19 December 2008**. Deadline for **registration is 23 January 2009**.

Please contact asw3@ucsd.edu with any questions.

<http://www.argo.ucsd.edu/ASW3.html>

10. 4th Aquarius/SAC-D Science Workshop

03-05 December 2008 Puerto Madryn, Chubut, Argentina

Theme: Science Data, Research and Applications

http://www.conae.gov.ar/AQ_SAC-D_4thScienceWS/indexe.html

Theme: Science Data, Research and Applications

The Aquarius/SAC-D satellite mission will convene the 4th Science workshop 3-5 December 2008, Puerto Madryn, Argentina. The mission involves Argentina, the United States, Italy, Canada, France and Brazil, and constitutes a true satellite observatory. It will provide measurements of ocean salinity, ocean winds, rain, sea ice, sea surface temperature, soil moisture, high temperature events (fires and volcanic activities), nighttime light sources, atmospheric temperature/humidity soundings, space environment and autonomous data relay from remote ground stations.

Location of the Workshop: ECOCENTRO (www.ecocentro.org.ar), Puerto Madryn, Chubut, Argentina.

Registration & Abstracts : Registration form and the abstracts (pdf format, total:350 words) should be submitted online at <http://ggt.conae.gov.ar/sacd/form.asp>.

Deadline for registration and abstracts submission: **October 10, 2008**.

Notification to authors for acceptance of papers: October 20, 2008.

Oral and Poster Presentations: Selected contributions (pdf format, size: 7Mb) will be submitted by e-mail to aqsd.ws@conae.gov.ar and they will be provided to participants during the workshop. Deadline for contributions submission: **November 21, 2008**.

Preliminary Agenda: it's available at http://www.conae.gov.ar/AQ_SAC-D_4thScienceWS/Preliminary_Agenda_Workshop.pdf

General Information: Details of registration, accomodations, travel as well as important information pertaining to the workshop are provided at http://www.conae.gov.ar/AQ_SAC-D_4thScienceWS/General_Information_Workshop.pdf.

New Products and Reports Available:

- **Draft Report of CCSP Synthesis and Assessment Product 4.2 "Thresholds of Change in Ecosystems"** Comments are invited on Draft Report of CCSP Synthesis and Assessment Product 4.2 "Thresholds of Change in Ecosystems"

DATES: Comments must be received by 17 October 2008.

ADDRESSES: The public draft report is posted on the CCSP web site at:

<http://www.climate-science.gov/Library/sap/sap4-2/default.php>

COMMENTS: Detailed instructions, including formatting and submitting comments are posted on the CCSP web site at: <http://www.climate-science.gov/Library/sap/sap4-2/public-review-draft/sap4-2draft-instructions.htm>

To ensure that your comments are routed correctly, please submit them in the prescribed format (see link above) to 4.2-threshold@climate-science.gov

Your active participation and constructive comments are appreciated.

- **New AMS Journal: Weather, Climate, and Society** (<http://www.ametsoc.org/pubs/journals/wcs/index.html>), a quarterly journal of the American Meteorological Society, publishes scientific research and analysis on the interactions of weather and climate with society. The journal encompasses economic, policy, institutional, social, behavioral, and international research, including mitigation and adaptation to weather and climate change. Articles may focus on a broad range of topics at the interface of weather and/or climate and society, including the socioeconomic, policy, or technological influences on weather and climate, the socioeconomic or cultural impacts of weather and climate, ethics and equity issues associated with weather, climate, and society, and the historical and cultural contexts of weather, climate, and society. Because of the interdisciplinary subject matter, articles that involve both natural/physical scientists and social scientists are particularly encouraged.