

August 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 U.S. CLIVAR Office (cstephens@usclivar.org).

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Calendar of Upcoming Events

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

September

- 12-14: CLIVAR Working Group on Seasonal-to-Interannual Prediction (Trieste, Italy)
- 19-23: ICES Annual Conference (Gdansk, Poland)
- 24-27: 3rd Symposium on the Ocean in a High CO₂ World (Monterey, CA)
- 26-28: SAMOC4 Meeting (Simons Town, South Africa)

October

- 19-21: CLIVAR Working Group on Coupled Modeling (Boulder, CO)
- 19-21: CLIVAR/CliC/SCAR Southern Ocean Panel (Boulder, CO)
- 24-28: WCRP Open Science Conference (Denver, CO)

Position Announcements

1. Oregon State University Associate Professor Climate Modeler

Position: The College of Oceanic and Atmospheric Sciences (COAS) invites applications for a full-time (1.0 FTE), 9- or 12-month, tenure-track Assistant/Associate Professor

position in Climate Science. Reappointment is at the discretion of the Dean.

Incumbent appointed to 9-month appointment is expected to secure other sources of funding to support 100% of research salary during the summer months. Incumbent appointed to 12-month appointment is expected to secure other sources of funding to support 0.25 FTE of his/her full-time salary. Salary is competitive and will be commensurate with experience. COAS policy is to confer indefinite tenure when promoted to full Professor. Should indefinite tenure be granted, the appointment will be on a 9-month basis, as are all COAS indefinite tenure agreements.

This position is a climate modeler with expertise in understanding connections among components of the climate system on regional and global scales. Specific interests might include research on large-scale variability and associated regional/continental climate, or climate model downscaling. This position leads efforts to understand climate system variations, with emphasis on the physical processes and mechanisms that are associated with changes in regional climate, for example, by integrating climate model simulations on multiple scales with analyses of historical climate and/or paleoclimate data. Research performed by the incumbent contributes to expanding Oregon State University programs in climate variability and change, ecosystem response, and the carbon cycle. This individual collaborates within and across university divisions and with the Oregon Climate Change Research Institute on issues related to impacts of natural and anthropogenic climate change. The appointee is expected to develop and maintain a vigorous, externally funded research program, and design and teach courses specific to the field of climate science such as statistical data analysis and climate modeling. Other duties include advising and mentoring graduate students and participation in the college teaching program.

Background Information: COAS is one of the world's leading graduate research institutions for oceanographic and atmospheric sciences, with more than 200 faculty and staff members, approximately 100 graduate students, and a wide variety of assets including an excellent computing infrastructure, state-of-the-art analytical facilities and two research vessels.

Responsibilities:

60% Scholarship: Conduct externally funded research. Publication of scholarly work in peer-reviewed, top journals. Contribute substantially to advancing the field of climate research.

30% Teaching: High-quality teaching of graduate courses in regional and global climate change topics. Occasional teaching of undergraduate courses on climate change impacts.

10% Service: Provide service to the college and/or university to sustain and promote the research and educational missions. This position is also expected to participate in service to their research discipline through journal and grant review processes.

60% of the assigned duties are expected to lead to scholarly outcomes including engaging in peer-reviewed scholarship, establishing extramurally funded research programs and training graduate students. Opportunities for collaborative research are available and encouraged.

Appointment: 1.0 full-time, tenure-track, 9 or 12 month appointment. Salary is competitive and will be commensurate with experience. COAS policy is to confer indefinite tenure when promoted to full Professor. Should indefinite tenure be granted,

the appointment will be on a 9-month basis as are all COAS indefinite tenure agreements.

Qualifications:

- Ph.D. in atmospheric sciences or a closely related field.
- A record of significant and innovative research related to analysis and modeling to investigate climate change and climate variability.
- Evidence of a clear potential to attract external funding.
- A broad understanding of atmosphere-ocean-land interactions related to climate and the ability to analyze these interactions.
- Strong potential for mentoring and teaching of graduate students.
- A demonstrable commitment to promoting and enhancing diversity.
- Proficient in oral and written English.
- Demonstrated success in extramural funding, peer-reviewed publications and a clearly defined research agenda commensurate with academic rank.
- For appointment at the Assistant Professor level, the faculty member must have an established research program supported by extramural funding or demonstrated potential to develop such a program.
- For appointment at the Associate Professor level, the candidate must have a record of scholarship and extramural funding.

Preferred Qualifications:

- Background in predicting future regional-scale climate, impacts and feedbacks.
- Experience in writing proposals and evidence of excellence in teaching along with active involvement in academics as a faculty member.

The university has an institution-wide commitment to diversity, multiculturalism and community. We actively engage in recruiting and retaining a diverse workforce and student body that includes members of historically under-represented groups. We strive to build and sustain a welcoming and supportive campus environment. OSU provides outstanding leadership opportunities for people interested in promoting and enhancing diversity, nurturing creativity and building community.

Application Closing: For full consideration, applications must be received by **October 3, 2011**. To Apply: To access application instructions, go to <http://oregonstate.edu/jobs>, posting 0007671, and for the position announcement, go to <http://www.coas.oregonstate.edu/>

When applying you will be required to attach the following electronic documents:

1. A detailed curriculum vita that includes a list of publications, and three professional references, their email addresses and contact numbers (Upload as 'Other Document' if not included with your vita).
2. A cover letter of application addressing the required and preferred qualifications, statement of current and proposed research interests and a statement of teaching experience and interest (Upload as 'Cover Letter').

For information regarding COAS see <http://www.coas.oregonstate.edu/>.

Inquiries about the position may be directed to Dr. Eric Skyllingstad by email (skylling@coas.oregonstate.edu), 541-737-5697 (phone) or 541-737-2064 (FAX).

Closing Date: For full consideration for this position, your application must be received by **October 3, 2011**.

Meetings and Workshops

1. AGU Fall Meeting
5-9 December 2011
San Francisco, CA

Abstract Deadline is 4 August 2011. To apply for travel grants or submit an abstract, go to: <http://sites.agu.org/fallmeeting/>

2. 4th WCRP International Conference on Reanalyses
Silver Spring, Maryland, USA.
7-11 May 2012

Visit <http://reanalyses.org/meetings/4th-wcrp-international-conference-reanalyses> for the latest information on the Conference, which will be held at the Washington DC-Silver Spring location of the Crowne Plaza.

3. First International Workshop on Long-Range Transport and Impacts of African Dust on the Americas
6-7 October 2011 – Puerto Rico

Registration is now open and abstracts are being solicited for a two-day workshop on Long-Range Transport and Impacts of African Dust on the Americas, sponsored by IGAC, COHEMIS, and the University of Puerto Rico-Río Piedras. Details are available at: <http://cohemis.uprm.edu/dust/>

Invited speakers are:

Joseph M. Prospero – University of Miami, Florida, USA
Konrad Kandler – Johannes Gutenberg University, Mainz, Germany
Amato Evan, University of Virginia, Virginia, USA
Geoff Plumlee - US Geological Survey, Denver, Colorado, USA
Meredith C. McCormack - Johns Hopkins University, Maryland, USA
Ina Tegen - Leibniz Institute for Tropospheric Research, Leipzig, Germany
Alex Baker - University of East Anglia, Norwich, UK

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Announcements

- Special Issue of *Deep-Sea Research* on Climate and the Atlantic Meridional Overturning Circulation available:
http://www.elsevier.com/wps/find/journaldescription.cws_home/116/description
- Reanalyses.org Online –

Reanalyses.org is a grass roots effort among developers to provide a wiki-based forum, intended to promote the exchange of understanding and recent results from reanalyses between researchers in the community and also between the research community and reanalyses developers. Contributions of recent results or summaries of recent publications are most welcome at this time, as well as status or reanalysis projects and locations of data.

- MJO model and observation intercomparison project –
Due to its pronounced influences on global climate and weather systems, and its crucial role for predictability on subseasonal time scales, there is a pressing scientific need for improved understanding and predictive skill for the Madden-Julian Oscillation (MJO). Given the central role of the diabatic heating for prevailing MJO theories and demands for reducing the model deficiencies in simulating the MJO, it is of great interest and urgent need to explore how the MJO vertical heating structures are represented in current GCMs. Through a collaborative effort between the Year of Tropical Convection (YOTC) / MJO Task Force (www.ucar.edu/yotc/mjo.html) and the GEWEX Cloud System Study (GCSS) (www.gewex.org/gcss.html), the group is coordinating a model and observation intercomparison project on diabatic heating associated with the MJO.

Through this project, the diabatic heating associated with the MJO will be examined in three experimental components, i.e., i) climatological simulation; ii) short-term / detailed-“physics” hindcasts, and iii) less-detailed but longer-lead hindcasts extending from ii); and with the hindcasts focusing on MJO events during the period of YOTC and forthcoming DYNAMO experiment. Detailed descriptions of these experiment designs can be found and/or will be forthcoming on the project website (www.ucar.edu/yotc/mjodiab.html). The purpose of this announcement is to formally invite those to this project and provide the necessary information for participation.

Please review the associated material on the project web site, now and as it gets developed and refined, and respond with questions or suggestions, and most of all with your intentions of whether or not you can participate.

Please contact Xianan Jiang (xianan.jiang@jpl.nasa.gov) and Prince Xavier (prince.xavier@metoffice.gov.uk) to express interest and sign up for project's email list. Please forward this invitation to others.