

**The 9th International RSM Workshop
in memory of John Roads
Pacific Disaster Center
Maui, Hawaii
August 3-6, 2009
<http://ecpc.ucsd.edu/projects/RSM/RSM2009/>**

First Announcement

Hosts

Pacific Disaster Center (PDC)

Maui High Performance Computing Center (MHPCC)

International Research Institute for Climate and Society (IRI)

USDA Forest Service, Riverside Fire Lab (USFS)

Experimental Climate Prediction Center (ECPC) at Scripps Institution of Oceanography

Program Committee

Masao Kanamitsu (ECPC), Liqiang Sun (IRI), Shyh-Chin Chen (USFS), Francis Fujioka (USFS), Henry Juang (NCEP), Song You Hong (Yonsei University), Kei Yoshimura (ECPC), Ana Nunes (ECPC), Hideki Kanamaru (FAO)

Local Arrangements

Diane Boomer (ECPC), Liqiang Sun (IRI), Stan Goosby (PDC), Takashi Sugimura (MHPCC)

Short Course

Henry Juang (NCEP), Masao Kanamitsu (ECPC), Song You Hong (Yonsei University), Liqiang Sun (IRI), Shyh-Chin Chen (USFS), Ana Nunes (ECPC), Hideki Kanamaru (FAO), Kei Yoshimura (ECPC)

Purpose

Regional downscaling of coarse resolution forecasts, analyses and simulations is one of the hottest topics in atmospheric modeling. The Regional Spectral Model (RSM) originally developed at the National Centers for Environmental Prediction (NCEP), has been used extensively in this context. Since the initial publications describing that work (Juang and Kanamitsu 1994), and since the creation of the G-RSM community wiki website, a growing number of users

have begun to use the RSM. These regional simulations and forecasts are uncovering new atmospheric phenomenon and helping atmospheric modelers to better connect with the application community. At ECPC the RSM and GSM (a version of the NCEP Seasonal Forecast Model) have been merged and given the name G-RSM. This merged system facilitates research from both regional and global perspectives. The G-RSM system also includes global data assimilation. In addition, recent effort is making it possible to couple RSM with regional ocean models. The RSM workshops are designed to gather together international RSM and GSM users to discuss some of the latest modeling features being developed for the RSM and GSM. We also want to hear about some of the characteristics of the RSM and GSM when run as climate models, the advantages/disadvantages of the RSM over the driving global analysis or global model, and how the model simulations are applied. Through these discussions we wish to formulate future plans for the G-RSM at ECPC.

Therefore, following the success of the series of eight prior international workshops, we intend to meet again from August 3-6, 2009 at PDC. We plan to communicate some of the new features of the G-RSM model setups, and reach out to other researchers and graduate students as they begin new work with this model. Researchers working with the RSM and GSM, and new students interested in working with the modeling system, are encouraged to attend.

Memorial for John Roads

This workshop also commemorates the passing of Dr. John Roads, who was instrumental to the success of the workshop for the last 10 years. We selected Maui since the first RSM workshop was held there, and it is the place John loved most. We hope many people who were acquainted with John will attend this workshop and share our friendship.

RSM Short Course

The RSM short course will focus on two subjects; (1) training on new features and (2) application to seasonal forecast. We hope to enable participants to appreciate the level of knowledge needed to embark on operational seasonal forecasting using regional models. The first part of the short course will be based primarily on hands-on practice to run the models in various configurations, and the second part will consist of the application of RSM to seasonal forecasting. For these training sessions, those who are interested in learning about or even reviewing their knowledge of the RSM and its

application to seasonal climate prediction are encouraged to attend.

RSM Workshop Registration

The RSM workshop will be held at the Pacific Disaster Center in Kihei, Maui, Hawaii. The deadline to register for the workshop is April 30, 2009. Registration is \$150 per person.

To complete your registration please send the following by April 30, 2009:

1. Email your 1-page abstract (200-400 words) to dboomer@ucsd.edu if you intend to make a presentation. This abstract should describe your relevant work on regional and global spectral models. The abstract should also contain your email address. If there are multiple authors, please specify who will be the presenter. Include this information in the body of the email. We will put the abstract of your work on the web.

2. Mail your completed registration form, a hard copy of your abstract (if presenting), and a \$150.00 check payable to “UC Regents” to:

Diane Boomer
UCSD, Dept. 0224
9500 Gilman Drive
La Jolla, CA 92093-0224 USA

Registration forms and information will soon be available at <http://ecpc.ucsd.edu/projects/RSM/RSM2009/>

Local Arrangements

Hotel reservation information, meeting arrangements, travel directions, etc. will be posted at <http://ecpc/ucsd.edu/projects/RSM/RSM2009/>.

Please email dboomer@ucsd.edu or sun@iri.columbia.edu if you have any questions.