

COAA e-Newsletter. Issue 9. March 31, 2004.

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Members please submit news to "coaa.news@cox.net". Some examples of news items are:
Meeting/conference report/announcement; Research work/activity; Honors/Award /research grant;
Promotion/graduation/change of position/employment/sabbatical; Latest publication/abstract; Job/research grant
opportunity; Visit/exchange/collaboration; New member; Community outreach; Social event

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(1) COAA Spring Workshop Agenda, 3 April 2004, U. of Maryland

Dear participants:

On behalf of the COAA Board directors, we would like to welcome you to the COAA 2004 spring workshop:
Research and applications in atmospheric and oceanic sciences.

The purpose of this workshop is to provide an opportunity for COAA members and guests to present their most recent research works, facilitate discussions and exchange of ideas and promote networking among colleagues and fellow members. Ten papers covering wide range of research topics will be presented in this workshop. Your participation will add to the success of this workshop.

We thank Department of Meteorology, University of Maryland for use their wonderful facilities. We would also like to thank George Mason University graduate students, Yixiang Nie and Yukun Xing, for assisting in editing the workshop program.

Xiaofeng Li and Zhanqing Li
Program Co-Chairs

Agenda

1:00pm Welcome and logistics

1:05pm COAA 2004 Reports: Joseph Huang

1:15pm COAA Beijing conference information: Da-Lin Zhang

1:30-1:45 PM Potential Predictability of U.S. Summer Climate with "Perfect" Soil Moisture, Fanglin Yang, GEST/UMBC

1:45-2:00 PM Detecting and Simulating Urban-induced Climate Changes via EOS observations and NCAR Community Land Model, Menglin Jin, Department of Meteorology, University of Maryland, College Park

2:00-2:15 PM Impacts of Satellite Measured Precipitation on GEOS Assimilation System, Song Yang and Li Tao, George Mason University, NASA/GSFC, Greenbelt, MD

2:15-2:30 PM Developing and Characterizing Cloud Vertical Structures Using Satellite Data, Fu-Lung Chang, Earth System Science Interdisciplinary Center, University of Maryland, College Park

2:30-2:45 PM Validation of MODIS aerosol optical depth and evaluation of potential cloud contamination in East Asia, XIA Xiang-Ao LAGEO, Institute of Atmospheric Physics, Chinese Academy of Sciences, Beijing

2:45-3:15 Break

3:15-3:30 PM Potential Mechanism for Response of ENSO Variability to Change in Land Surface Energy Budget, Zeng-Zhen Hu, Edwin K. Schneider, Uma S. Bhatt, and Ben P. Kirtman, Center for Ocean-Land-Atmosphere Studies.

3:30-3:45 PM Using Hyperspectral Imaging to Help Study Algal Blooms in Chesapeake Bay, Yixiang(Eric) Nie, Ruixin Yang, School of Computational Sciences, George Mason University

3:45-4:00 Validation of range correction algorithm using real-time radar data from sterling, va, Feng Ding Office of Hydrologic Development National Weather Service, NOAA

4:00-4:15 PM Diagnostic Studies of Recent Variations of Oceanic Evaporation Using Satellite Data, Yukun Xing, Long S. Chiu¹, Alfred T-C. Chang, SCS/CEOSR, George Mason University.

4:15-4:30 PM Laboratory Measurements of Low-Grazing-Angle Radar Backscatter and Crest Profile of Breaking Waves, Xinan Liu, Mark Sletten, James H. Duncan, Department of Mechanical Engineering, University of Maryland

4:30-4:45 PM The Flying-leap Experiment and the Earth System Model at University of Maryland, Ning Zeng, Department of Meteorology and Earth System Science Interdisciplinary Center, University of Maryland

4:45PM Close of Technical Session.

4:45-5:00 PM - Vote for 2 best presentations (\$200 each toward COAA2004 Beijing Conference).

(2) A brief announcement of the 2004 Annual Meeting of the Chinese Meteorological Society

The Chinese Meteorological Society (CMS) has recently announced the date and themes of its 2004 Annual Meeting. It will be held in Beijing on October 18-21, 2004. The deadline for submitting abstracts is July 31, 2004. COAA has signed a sister-association relationship agreement with CMS, and all COAA members are encouraged to participate in CMS' annual meeting.

The following topics will be most welcome:

- 1) Climate dynamics and climate prediction.
- 2) Cloud physics, precipitation and weather modification.
- 3) Severe storm and flash flood prediction and protection.
- 4) Weather forecast, Typhoon and tropical meteorology.
- 5) Review and outlook of NWP 50th anniversary.
- 6) Urban environmental prediction and measurement techniques.
- 7) The effect of drought/flood and climate change.
- 8) China's modern meteorological history in nature, science and society.
- 9) Bio-environment and carbon circulation.

Any member interested in this meeting may view the CMS website (<http://www.cms1924.org>) for more detailed information or send an e-mail to Mr. Zhang Wei-Min at cms@cms1924.org. (Submitted by Yuejian.Zhu@noaa.gov)

(3) Third International Workshop on Monsoons (IWM-III), 1-5 November 2004, Hangzhou, China

IWM-III is sponsored by the WMO Committee of Atmospheric Science/Working Group on Tropical Meteorology Research (WGTMR). This series of quadrennial workshops emphasizes the interactions between researchers and operational forecasters on issues of common interest. The third workshop is organized jointly by the WGTMR International Panel for East Asian Monsoon, Project M2 for Asian-African Monsoon and Project M3 for American Monsoon. The topics will include all monsoon regions and time scales (meso-, synoptic, intraseasonal, climate). The deadline for short abstract is 15 June 2004. An extended abstract for papers accepted for oral or poster presentations will be required by 31 August 2004.

Abstracts from outside Asia, to: Prof. C.-P. Chang, Dept. of Meteorology, Naval Postgraduate School, Monterey, CA 93943, U.S.A. cpchang@nps.navy.mil.

Abstracts from within Asia, to: Prof. Renhe Zhang, President, Chinese Academy of Meteorological Sciences, China Meteorological Administration, Beijing, China. sunrui@cma.gov.cn, Fax: 86-10-62175931

International Organizing Committee:

C.-P. Chang (Chair, Naval Postgrad. Sch.), Dipak Chakraborty (Indian Inst. Trop. Met.), Johnny Chan (City Univ. Hong Kong), Yihui Ding (China Meteor. Administration), B. N. Goswami (Indian Institute of Science), Alice Grimm (Federal Univ. Paraná, Brazil), Akhilesh Gupta (NCMRWF (India), Harry Hendon (BMRC (Australia), Richard Johnson (Colorado State Univ.), S. R. Kalsi (Indian Meteorology Dept.), In-Sik Kang (Seoul National Univ.), T. N. Krishnamurti (Florida State Univ.), K.-M. Lau (Goddard Space Flight Center), N.-G. Lau (GFDL/Princeton Univ.), John McBride (BMRC (Australia), C. Roberto Mechoso (UCLA), Mark Rodwell (ECMWF), Chet Ropelewski (IRICP/Columbia Univ.), A. R. Subbiah (Asian Disaster Prepr. Center), Akimasa Sumi (Univ. of Tokyo), Duane Waliser (SUNY Stony Brook), Bin Wang (Univ. of Hawaii), Huijun Wang (Chinese Academy of Sciences), Wei-Chyung Wang (SUNY Albany), Peter Webster (Georgia Inst. of Technology), Kok Seng Yap (Malaysian Meteor. Service), Tetsuzo Yasunari (Nagoya Univ.) and Renhe Zhang (Chinese Acad. Meteor. Sci.)

(4) The 3rd Asian Pacific American (APA) Federal Career Advancement Summit

The 3rd Asian Pacific American (APA) Federal Career Advancement Summit, hosted by U.S. Department of Labor, Secretary Elaine L. Chao and U.S. Office of Personnel Management, Director Kay Coles James, will be held in Washington DC on May 10, 2004. If you are interested in it, please register (free of charge) via the following web site: <http://www.apasummit.gov/register.asp>

(5) NASA Research Announcement - NNH04-ZYS-003N.:Tropical Cloud Systems and Processes (TCSP)

Tropical Cloud Systems and Processes (TCSP), **release date: April 1, 2004.**

This NASA Research Announcement (NRA) solicits investigations of tropical cloud systems and their environmental feedback which contribute to a unified approach to study variations in the Earth's climate system. The announcement seeks innovative investigations that utilize NASA's observational data for investigations of tropical cyclones, the impact of cirrus clouds on atmospheric cycles of water and energy, and related feedbacks on the radiative, compositional and dynamic attributes of the upper troposphere/lower stratosphere. It also seeks proposals that utilize this knowledge in facilitating the development and evaluation of models and data assimilation systems that include representations of tropical cloud processes and their impact on Earth's climate system.

This NRA is open to all scientific investigators who submit proposals that respond to the objectives of the program. Awards will be for the period of 3 years. It is anticipated that approximately \$7M per year will be available, with individual awards depending on the range of activities proposed and the total number of team members selected. Participation in the program is open to all categories of institutions, including educational, industrial, non-profit organizations, NASA centers and other US agencies.

The complete NRA will be available electronically on the release date, via the Internet at the Research Opportunities Web Page at <http://research.hq.nasa.gov> under "Office of Earth Science (Code Y)". A paper copy will be available to those who do not have access to Internet by calling (202) 358-3552 and leaving a voice mail message.

This announcement will be open through July 1, 2004, and proposals may be submitted at any time throughout this period.

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