

COAA e-News. Issue 20. September 30, 2005

(Back issues can be found in COAA web page: <http://www.coaaweb.org>)

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Members please submit news to coaanews@coaaweb.org to be published in future COAA e-News.

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) Message from the President

Dear members and colleagues,

The damages due to hurricane Katrina and Rita and their aftermath devastated communities, homes and families. I ask you to open your heart and contribute to the relieve efforts, such as contribution to the Red Cross (URL: <http://www.redcross.org/>). As the CFC campaign is starting, I know that many of you may designate your contribution to this cause.

There will be hard times ahead. COAA will be facing the same challenge. CFC contribution to COAA is a major income source, but was down almost 50% from last year. I hope this is not a reflection of the work that we have done so far, for the board has work hard with members to promote COAA and its objectives. During this term, we started a project to document the contribution and recognition of Chinese-Americans in oceanic, atmospheric and related sciences. We funded a summer internship to collect information on publications by scientist of Chinese origin and have established a database of Chinese authors that published in AGU and AMS journals. We organized campaigns to voice our concerns to congress about the decline of federal support in oceanic and atmospheric sciences. We organized workshops and invited program managers to talk about their programs and how members can get involved, received a delegation from the Chinese Meteorological Administration to examine natural hazard and emergency response, organized special session at the Fall AGU and planned a dinner get-together for members from all regions and from other countries. We are also working with CSOL to plan on the next COAA international meeting in Qingdao in 2006.

These activities cannot be accomplished without our devoted members, especially the board, who contributed their time and energy. To continue these activities, COAA depends on financial contributions from members and friends like you. I therefore urge you to open your heart again and contribute to COAA

during this CFC campaign. Your contribution can be submitted through the **Combined Federal Campaign Agency Designation No. 7854** or simply by sending your fully tax deductible check to COAA, P.O. Box 4948, Silver Spring, Maryland 20914-4948.

Let me assure you that your tax deductible contribution will be put to good use to further the goals of COAA: To enhance networking, to facilitate professional contacts, and to improve qualification and occupational opportunities.

(2) Membership and Treasurer's Report

As of September 16, 2005, COAA has 373 members 6 of which are corporate members. 71 of them are life members. 11 regular and new members have paid their membership fee of this year. Two corporate members have paid their dues for 2005: Caelum and Optical Scientific. Thank you for your contributions! (Dongliang Yuan and Sarah Lu)

(3) Board member meeting minute

COAA Board Meeting Minutes (recorded by Jun Du)

A COAA Board meeting was held at Long Chiu's residence, Potomac, Maryland on Sept. 3 (Saturday), 2005 from 10:00am to 12:00pm. Seven Board members - Long Chiu, Jun Du, Joe Huang, Henry Juang, Zhanqing Li, Sarah Lu and Dongliang Yuan - attended the meeting. Two other board members Menglin Jin and Fung-Chi Ko are absent. Eric Nie of George Mason University also attended the meeting. Below is a summary of the meeting outcomes.

(1) A new By-Law committee (Jun Du, Henry Juang and Song Yang) was formed to continue to amend the current COAA By-Law. By-Law modification is an unfinished task left by the 2004-term COAA Board.

(2) A Young Professional Chapter, under COAA (COAA-YP), is proposed by Eric Nie. The board recommends that the President of COAA-YP shall be a COAA board member, if COAA-YP is approved. Nie will circulate the draft proposal for comments from the board and resubmit for approval.

(3) COAA2006 Qingtao International Conference is on hold and pending confirmation from the Chinese Host side.

(4) Monthly E-News and semi-annual Newsletter will be combined into monthly E-News only.

(5) To establish a membership database and E-membership directory (Dongliang Yuan and Eric Nie to start based on what available now).

(6) Zhanqing Li reported to the board about the COAA 2005 Summer Internship Project. Detail summary will be published in COAA E-News.

(7) A COAA member gathering is planned during this Fall AGU meeting in San Francisco, CA. Annual COAA Meeting (in Washington DC area) will be, therefore, cancelled this year.

(8) Requested by Chinese side, COAA agrees to receive a delegation from China to visit US. The purpose of the visitation is to establish a new Oceanography Research Institute in Shenzhen, China.

(9) Five candidates need to be elected to be new COAA board directors for the 2006 term to replace the five current board members (Jun Du, Joe Huang, Zhanqing Li, Fung-chi Ko and Dongliang Yuan) who will retire in October, 2005. Positions are still open now. Recommendations from all COAA members are encouraged. Candidates from ocean science side are particularly welcomed. Since there will be no annual meeting, an Online Voting will be taking place this year.

(10) A call for donation letter will be sent by the current COAA president, Long Chiu, to raise fund for COAA, which includes CFC contribution, Membership dues (both individual and corporate members) etc. Donation to COAA is tax-deductable.

(4) Call for nomination of COAA board members for 2006

As the COAA 2005 term expires in October 2005, nominations for the COAA 2006 board members are solicited. Five current board members will retire: Joseph Huang, Jun Du, Fung-chi Ko, Dongliang Yuan and Zhanqing Li. Please send all nominations to the Secretary, Jun Du (Email:Jun.Du@noaa.gov). Please provide your name, email address, the nominee's name, his/her email address and contact information (phone number), current affiliation, and indicate if the nominee has been asked and agreed to serve for the 2006-2007 term.

Please also update your personal information, especially your email address. If there are discrepancies in the COAA directory, please notify membership Dongliang Yuan (email: d_yuan2000@yahoo.com)

(5) Community News

a. President visit China for next annual meeting

COAA President hold meeting with CSOL to discuss Qingdao Conference next summer
President, Dr. Long Chu, had a meeting with CSOL. He met with Prof. Hu DunXin and colleague of CSOL in Beijing and discussed details of the Fourth International Oceanic and Atmospheric Conference: Ocean and climate. After the Beijing meeting, he went to Qingdao and visit Institute of Oceanography and Prof. Hu. During his visit, it was found out that the funding from some major sponsors is not available due to policy change.

After he returns to the US, a meeting was called. The board will work very closely with CSOL to determine the feasibility and steps to proceed.

b. NCEP Regional Spectral Model (RSM)

The 6th international workshop of NCEP Regional Spectral Model (RSM) was held at IRI/Columbia University, New York from July 11-15, 2005. The model was primarily and originally developed by a COAA member (Dr. Henry Juang of NCEP). Dr. Juang gave lectures to the RSM users during the workshop. RSM model is used operationally in the US for the Hawaii region daily weather forecasts and NCEP Short-Range Ensemble Forecasting System (SREF). It's also widely used by many other organizations, countries and regions including IRI, TVA, UIUC, UCSD, U. of Hawaii, Korea, Taiwan, Indonesia, China, India, Chile, Kenya, Niger, Isreal and Spain. The total number of user has exceeded several hundreds up to date. Many researchers use it in regional climate research. Recently, 1.5km resolution nonhydrostatic RSM was implemented for fire weather by US Forest Service. (Jun Du).

c. 20th anniversary of DAS at UIUC

The department of Atmospheric Sciences (DAS) at University of Illinois Urbana-Champaign (UIUC) invites his alumni to celebrate his 20th anniversary on September 16 and 17 at UIUC. During the first day of celebration, there have two lectures in the honour of Prof. Yoshi Ogura. Significant mounts of UIUC alumni work in NASA and NCEP over DC area, such as Dr. Wei-Kuo Tao, our member and UIUC alumni, will join the celebration. (Henry Juang)

d. COAA Member Gave Speech to US National Academy of Sciences

COAA member Dr. Jun Du of NCEP was invited by National Research Counsel to give a speech to Board of Atmospheric Science and Climate of the US National Academy of Sciences on August 4th, 2005. The Academy is in the process of making recommendations to National Weather Service how to communicate uncertainty information of weather forecasts to public and users in future NOAA's mission. The title of Dr. Du's talk is "Dealing with Uncertainty in Short-Range Numerical Weather Prediction: using NCEP SREF

as an Example". The talk covers three parts: (1) How to capture uncertainty in a numerical weather prediction system? (2) How to convey uncertainty information to users? and (3) How to reduce uncertainty. (Henry Juang)

e. Reception with President Hu Jintao cancelled

COAA Board Members were invited to a White House reception for His Excellency Hu Jintao, President of the People's Republic of China and Madame Liu Yongqing on Wednesday September 7. Unfortunately, due to recovery efforts for Hurricane Katrina, the Arrival Ceremony on 9/7 was cancelled. The invitation was extended through the Department of Labor Outreach Office and we thanked Ms. Anna Hui for the arrangement.

f. Ko Fung-Chi to assist in establishing Taiwan NMMBA Institute of Marine Biodiversity and Evolution

After spending the summer at the National Museum of Marine Biology and Aquarium (NMMBA) Dr. Ko Fung-Chi, COAA Board Member for publicity has decided to accept the invitation from NMMBA to assist in establishing a new Institute of Marine Biodiversity and Evolution there. He will be leaving for Taiwan at the end of September. We thank him for his distinguished services for COAA and wish him every success in his new endeavor, confident that he will continue to contribute to further the goals of COAA in his new position.

(6) Professional meeting announcements

AGU Fall conference session GC06: Asian environmental change and impact on climate, organized by COAA members, has been approved. Details of following meeting announcements are listed in previous issues in 2005, please check COAA website (www.coaaweb.org).

AGU 2005 Fall Meeting (Atmospheric Science Section)

5-9 December, 2005, San Francisco, CA, USA.

<http://www.agu.org/meetings/fm05/>

Sixth International Workshop on Advanced Parallel

Processing Technologies (APPT 2005)

27-28 Oct. 2005, Hong Kong, China

<http://www.comp.polyu.edu.hk/APPT05>

Computer Innovation 6016

November 30-December 3, 2005, Beijing, China <http://www.ict.ac.cn/ci6016/>

HPC-Asia 2005

The 8th International Conference and Exhibition on High-Performance Computing in Asia-Pacific Region

November 30-December 3, 2005, Beijing, China, <http://www.ict.ac.cn/hpcasia2005>

GCC 2005

The 4th International Conference on Grid and Cooperative Computing

November 30-December 3, 2005, Beijing, China. <http://www.ict.ac.cn/gcc2005>

IFIP NPC 2005

The Second IFIP International Conference on Network and Parallel Computing

November 30-December 3, 2005, Beijing, China, <http://grid.hust.edu.cn/npc05/>

NOAA's 30th Annual Climate Diagnostics and Prediction Workshop

October 24-28, 2005 at the Nittany Lion Inn, State College, Pennsylvania.

<details please see issue #17 March 2005 at <http://www.coaaweb.org> >

**Grid 2005 - 6th IEEE/ACM International Workshop on Grid Computing
(held in conjunction with SC05)**

November 14, 2005, Seattle, Washington, USA

<http://pat.jpl.nasa.gov/public/grid2005/>

<http://www.gridcomputing.org/>

<details please see issue #17 March 2005 at <http://www.coaaweb.org> >

(7) Jobs opportunities

Graduate Student Assistantship at George Mason University (GMU) Earth Systems and Geoinformation Sciences Program (ESGS)

Earth Systems and Geoinformation Sciences Program/Department (ESGS) in the School of Computational Sciences at George Mason University (soon will be part of the new College of Sciences) is expected to have one to three Graduate Student Assistantships (GRAs) in Spring 2006 for students pursuing the Ph.D. in Earth Systems and Geoinformation Sciences (<http://esgs.gmu.edu>). Students with a master's degree in related fields, such as atmospheric science, computer science, Earth sciences, environmental science, geography, GIS, remote sensing, are encouraged to apply for either this coming spring (January) or fall 2006 semester admission. Distinguished students with undergraduate degrees in related areas are also encouraged to apply. Some of the strengths in the ESGS program/Department include atmospheric dispersion modeling, global and regional climatic analysis, global precipitation measurements, sea ice estimation and analysis, earthquake prediction, aerosol/dust storm monitoring, wildfire monitoring, hydrological modeling, distributed/web GIS and geospatial interoperability, geocomputation, spatial analysis/statistics, population analysis, geoarchaeology, microwave and hyperspectral remote sensing. Online application can be accessed through http://www.scs.gmu.edu/Academics_new.html. For further questions, please contact Professor David Wong at dwong2@gmu.edu or 703-993-1212.

National Taiwan Ocean University, Department of Marine Environmental Informatics is pleased to announce the availability of 3 faculty positions.

The Department of Marine Environmental Informatics at National Taiwan Ocean University invites applications for three faculty positions on all levels, effective February 1 or August 1, 2006. Qualifications include a Ph. D. and outstanding promise in research and teaching. Applicants from all areas of information science, environmental science, oceanography, or other related fields such as geospatial information science, remote sensing, and environmental & geoscience GIS applications will be considered. To apply, please mail by November 15, 2005 your curriculum vitae, a copy of Ph. D. diploma, a set of publication reprints, a brief description of teaching and research interests, and three references to Prof. Chung-Ru Ho, Chairman, Department of Marine Environmental Informatics, National Taiwan Ocean University, Keelung 202, Taiwan. For further information please contact Prof. Chung-Ru Ho at +886-2-24622192 ext. 6331 (Tel), +886-2-24620912 (Fax), or email to b0211@mail.ntou.edu.tw