

**COAA e-Newsletter.** Issue 13. September 30, 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) A Message From COAA President on the Combined Federal Campaign ( for Members Employed by the Federal Government)**

Dear COAA Friends and Colleagues:

I am writing to you to seek your Combined Federal Campaign (CFC) contribution to the Chinese-American Oceanic and Atmospheric Association (COAA), your interested earth scientists' association. Here is COAA's CFC #: 7854.

I would like to thank some of you who have done so in the past and became a COAA member. For those of you who are not a COAA member yet, I would encourage you to become a life member by denoting \$100.00 and more. Your CFC contribution is very much appreciated, and your name will be published in COAA's newsletter as well as in the Membership Directory in the future if you want to be a COAA member.

COAA is a great organization and has expanded significantly in the past few years. COAA has held many scientific and fellowship activities, some of which I am sure would be of interest to you. By becoming a life member, you will get connected with our professional network, and participate in our many interesting and valuable activities. For example, we have regular professional seminars in academic frontal researches and teachings and frequent fellowship gatherings. We co-sponsor international conferences with our sister societies and associations, such as Chinese Meteorology Society (CMS), Chinese Society of Oceanography (CSO), the Chinese Society of Oceanology and Limnology, etc. We have just completed a very successfully COAA international Ocean-Atmosphere Conference, co-sponsored with Chinese Academic of Sciences, CMS, and CSO in June, 2004, in Beijing.

I can assure you that your contributions will be well spent in promoting the missions of COAA to provide you with more quality and exciting programs. Thank you in advance for your contributions.

Joseph C. Huang, Ph.D.  
President of COAA  
Phone: 202-586-3090  
Email: Joenanhuang@yahoo.com

**(2) COAA to Hold Its Annual Meeting at the University of Maryland on October 23, 2004**

The Chinese American Oceanic and Atmospheric Association (COAA) will hold its annual meeting on Saturday, October 23, 2004, 10:00 am -4:00 pm, at Dept. of Meteorology, Computer and Space Science Building (Rm. 2400, New Wing), Univ. of Maryland.

The purpose of the conference is to provide a forum for discussion and networking on research and applications of atmospheric, oceanic and Earth sciences. The conference will include oral and poster presentations.

Oral presentations are allotted 20 minutes. Poster Presenters are allotted 2-minute oral summary of their posters to the general conference before the poster session.

Presenting authors are reminded to submit a brief (<half page) vita to include presenter's current and past positions, experience, areas of research interest, academic degrees and institutions earned for inclusion in the conference proceeding.

At the end of annual meeting, there will be a vote for new COAA Board of Directors.

Please register for the COAA 2004 Annual Meeting:

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To register, please send email to BOTH Xiaofeng Li ([xiaofeng.li@noaa.gov](mailto:xiaofeng.li@noaa.gov)) AND ZhanQing Li ([zli@atmos.umd.edu](mailto:zli@atmos.umd.edu)) by Friday October 15, 2004 to include

Name:  
Affiliation:  
Tel:  
Fax:  
Email Address:  
Abstract:

These information will be included in the conference proceeding.

Registration is free. Please also indicate if you need

Lunch box (\$5/person, COAA will add \$1.00-\$1.50 for each lunch box)  Yes  No

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**Schedule**

Date: Oct. 23 (Sat), 2004

Location: Dept. of Meteorology, U. of MD (College Park)\*\*

9:30 am - 10:00 am: Registration and social  
10:00am - 11:00am: Workshop (3 oral presentaions)  
11:00 - 11:20 am: Break and poster  
11:20 - 12:20: Workshop (3 oral presentations)  
12:20 - 1:40 pm Lunch  
1:40 - 2:40 pm: Workshop (3 oral presentations)  
2:40 - 3:00 pm Break  
3:00 - 4:00 pm All-member conference (discuss and vote COAA's businesses)  
4:00 - 4:15 pm All-member conference (vote for new board members)  
4:15 - 5:00 pm Workshop (poster presentation)  
5:00 - 5:15 pm New Board meeting

5:30 - 8:00 pm Banquet (Seven Seas at College Park, MD)

\*\* The meeting location is the main auditorium of the Computer and Space Science Building (Rm. 2400, New Wing) on the campus of University of Maryland. The following web site provides detailed driving instruction: <http://www.atmos.umd.edu/~seminar/directions.htm>. There are many parking spaces around the bldg including an indoor one across the street. In general, outdoor parking lots are very busy during the weekend, but the indoor one is widely open. They are all free on weekend, except a few spots closest to the bldg that are reserved. Just read the sign to make sure.

### (3) The AI Chang Memorial Symposium

Dr. AI Chang was a senior COAA member as well as a prominent scientist who passed away early this year (see COAA Newsletter, July, 2004). In memory of Dr. Alfred T.C. Chang's contribution to Earth Science, there will be an IEEE-sponsored memorial symposium held at the Visitor Center NASA's Goddard Space Flight Center in Greenbelt, Maryland, on October 12, 2004. The symposium, entitled The Alfred T. C. Chang Memorial Symposium, will consist of invited and contributed presentations dealing primarily with microwave remote sensing. The symposium is also sponsored by Goddard Space Flight Center and the U.S. Department of Agriculture, Agricultural Research Service.

Topic: The AI Chang Memorial Symposium

Time: October 12, 2004

Place: Visitor Center at NASA/Goddard Space Flight Center

(No NASA badge required, Please note that **the Visitor Center at NASA's Goddard Space Flight Center** is accessible to the general public without going through GSFC security.)

Registration: Please visit the following web address for details (<http://neptune.gsfc.nasa.gov/chang/>)

### (4) COAA Member's Discovery of "Warming hole" in the Midwestern United States

Dr. Zaitao Pan (COAA member at St. Louis University) describes the discovery with his colleagues (at Iowa State University) in the September, 2004, issue of Geophysical Research Letters ([http://www.eas.slu.edu/People/ZPan/GRL\\_wh.pdf](http://www.eas.slu.edu/People/ZPan/GRL_wh.pdf)). The article, entitled "Altered hydrologic feedback in a warming climate introduces a "warming hole"" with Dr. Zaitao Pan as the lead author, has been selected as one of AGU "Journal Highlights" papers. Dr. Pan explains to COAA.News that by using a detailed regional climate model they showed that the daily maximum surface air temperature increase in summer (in the Midwestern region) was as low as 0.5 K in the hole, compared to an average increase of about 3 K over the rest of the country during next a few decades. They suggested changes in low-level circulation patterns coupled with surface hydrology may be responsible for the warming hole. Their findings clearly point to the need to include regional scales in the consideration of global climate changes.

Their findings supported also by their analysis of observed data in the Midwestern region have attracted wide media attention. The paper was first reported on Iowa State and St. Louis University home pages (<http://www.slu.edu/readstory/more/4711>) and was then picked up by the Associated Press/Science. Subsequently dozens of national/international media outlets ran the report, including the New York Times, Washington Post, ABC News. The interested reader may go to one of these three new media's online sites for the full news story: <http://www.washingtonpost.com/ac2/wp-dyn/A41381-2004Sep22>, [http://abcnews.go.com/wire/US/ap20040921\\_1979.html](http://abcnews.go.com/wire/US/ap20040921_1979.html), <http://www.nytimes.com/aponline/science/AP-Global-Warming.html>

### (5) Report of the COAA Board Meeting held on August 25, 2004

Time: 6:30pm –9:00pm, August 25, 2004

Place: Caren Dinning Hall, 1811 Metzert Rd Adelphi, MD

Participants: Fang-Chi Ko, Colin Shen, Chung-Lin Shie, Dongliang Yuan, Dalin Zhang, Frank Pao, Joe Huang

Content:

- The COAA Annual Meeting is decided to be held at University of Maryland on October 23, 2004. Dalin will check the football schedule to inform the COAA members of the parking policy change.
- By-laws: Dalin has introduced his revision of the by-laws according to the opinions of Eddy Shi and others. Vice president, instead of president elect, will be installed within the board. The two-year term of

servicing the board is eliminated. Regional chapter instead of vice president will be used as usual to service the non-local members. Joe raised the issue for Tony Liu of changing the name “board” to “executive council” to avoid attention of the government for violation of fiduciary position. The board felt that the name change does not change the nature of the board and is not necessary.

- The board then discussed the Financial Support Guideline drafted by Colin and others. 1/3 instead of \$10,000 expenditure limit is suggested by the board. The board has suggested elimination of Section 2(d) and revision of Section 1(b) as “related to Oceanography/Meteorology”.
- Frank Pao introduced the activities and difficulties facing the current Zhang Ho associations. The board has agreed to continue supporting the Zheng Ho activities.
- The COAA 2007 international meeting is tentatively decided to be held at State University of New York. The board will contact Dongping Wang for meeting places and logistics arrangements. The board felt that a meeting committee needs to be formed for this task. Ben Chao has been nominated as the committee chair barring his acceptance, with Yang Song or Zhanqing Li as potential substitutes. Dongping Wang and Wenzhao Li are nominated as vice chair.
- The board has called for nomination of 2005 board members given the fact that four of the current board members will have to retire next year according to current By-laws.
- An establishment of a sister association relation with the Chinese Association of Oceanology and Limnology is approved by the board. Joe will relay the board decision to the president of CAOL, Dunxin Hu.
- Joe wanted to remind the members in the announcement of the COAA annual meeting that new membership directories will be distributed at the meeting.

#### **(5) Community News**

Prof. C. C. Chang, an honorary member of COAA, passed away on July 5, 2004, at the age of 92. A memorial service was held at 1:30pm on Sept. 18, 2004, Saturday, in Scullen Room, Pangborn Hall, The Catholic University of America, Washington, DC

Dr. Chieh Chien Chang, a Catholic University professor, was a leading expert on aeronautical engineering and simulated weather conditions, died July 5 of a heart ailment at a hospital in Houston. He had lived in Houston for the past five years.

Dr. Chang was Chairman of the department of Space Science and Applied Physics at Catholic University from 1962 to 1974 and continued to serve as a professor until 1978. His specialties included fluid mechanics, blood flow, solar wind, plasma physics, and weather behavior.

#### **(6) Job Opportunities**

RECRUITMENTS NOTIFICATION  
China Meteorological Administration  
(Translation from Chinese)

To expedite development of the Chinese meteorological services, to increase technicality of meteorological operations and research, and to enhance the capacities and capabilities of meteorological service, the China Meteorological Administration (CMA) creates positions of “CMA specially recruited experts” within CMA major operational and research bodies of national level. Hence, the following expert positions for recruitments are publicized both at home and abroad.

##### *1. Positions for recruitments*

- Integration Research on Atmospheric Sounding Technology and System  
Working Unit: CMA Atmospheric Observation Technology Centre
- Research on Remote Sensing Theories and Related Technologies (including weather radar, meteorological satellites, GPS, etc.)  
Working Units: National Satellite Meteorological Centre, CMA Atmospheric Observation Technology Centre, National Meteorological Centre, Chinese Academy of Meteorological Sciences

- Research on Optical Characteristics of Atmospheric Components and Satellite Remote Sensing and Data Retrieval Techniques  
Working Units: Chinese Academy of Meteorological Sciences, National Meteorological Centre, National Satellite Meteorological Centre, CMA Atmospheric Observation Technology Centre
- R/D on Data Assimilation Theories and Techniques  
Working Units: Chinese Academy of Meteorological Sciences, National Meteorological Centre
- R/D on Physical Processes of Atmospheric Modeling  
Working Units: Chinese Academy of Meteorological Sciences, National Meteorological Centre, National Climate Centre.
- R/D on Atmospheric Chemistry Modeling  
Working Units: Chinese Academy of Meteorological Sciences, National Climate Centre, National Meteorological Centre.
- R/D on Ocean Circulation Modeling  
Working Units: National Climate Centre, Chinese Academy of Meteorological Sciences, National Meteorological Centre, CMA Institute of Tropical and Marine Meteorology (Guangzhou)
- R/D on Land Surface Modeling  
Working Units: National Climate Centre, National Meteorological Centre, Chinese Academy of Meteorological Sciences, CMA Institute of Plateau Meteorology (Chengdu)
- Research on Disastrous Weather Events (including typhoon, rain storm, strong convective system, sand/dust storm, etc.)  
Working Units: National Meteorological Centre, Chinese Academy of Meteorological Sciences, CMA Institute of Typhoon (Shanghai), CMA Institute of Heavy Rain (Wuhan)
- Research on Nowcasting Techniques  
Working Units: CMA Institute of Urbane Meteorology (Beijing), National Meteorological Centre
- Research on Short Term Climate Change/Variability Mechanism and Their Prediction Techniques  
Working Units: National Climate Centre, Chinese Academy of Meteorological Sciences
- Research on Arid/Semi-Arid Meteorology and Desert Meteorology  
Working Units: CMA Institute of Arid Meteorology (Lanzhou), CMA Institute of Desert Meteorology (Urumqi)
- Research on Climate Change Impacts Assessment and Response Strategies  
Working Units: National Climate Centre, Chinese Academy of Meteorological Sciences
- Research on Ecological Environment and Agro-meteorology  
Working Units: Chinese Academy of Meteorological Sciences, National Meteorological Centre;
- Research on Boundary Layers and Atmospheric Environment  
Working Units: CMA Institute of Tropical Marine Meteorology (Guangzhou), CMA Institute of Atmospheric Environment (Shenyang)
- Research on Thunder/Lightning Physics and Preventative Technology/Techniques  
Working Unit: Chinese Academy of Meteorological Sciences
- Research on Space Weather Forecasting and Warning Techniques  
Working Unit: National Satellite Meteorological Centre
- Research on Weather Modification Theories and Technologies  
Working Unit: Chinese Academy of Meteorological Sciences
- Director of Open Laboratory on Climate Research  
Working Unit: National Climate Centre
- R&D on meteorological data management technology  
Working Unit: CMA Meteorological Information Center,
- Research on meteorological application grid technology  
Working Unit: CMA Meteorological Information Center,

For more details about the aforementioned CMA operational and research bodies, please visit the CMA Website: <http://www.cma.gov.cn>.

## 2. *Qualifications of Applicants*

An applicant should:

- be loyal to the People's Republic of China, be fully dedicated to the applied position, with high standard of professional morality, with a strong team spirit, be impartial and academically truthful, and abide by the laws and regulations;
- have obtained a Doctor Degree or have been a Research Fellow (Professor or equivalent)
- have achieved a higher level of professionalism or have been widely recognized by the scientific communities in the fields like atmospheric science, environmental science, space weather science, geology and related disciplines; be capable to lead a research team or an operational group and be creative;
- have experience in organizing an international scientific experiment or a research project, or chairing a national key research project, and have been a major contributor who has obtained a National Second Award for Advances in Science and Technology and above or equivalent;
- have proficiency in a foreign language, be independent in conducting academic exchanges at international level;
- be able to work at least in a designated location for more than 9 months in a calendar year as a long term recruit, or at least for more than 3 months every year as a short term recruit;

### *3. Recruitment Formalities*

An applicant should send his/her personal information to the Human Resources Division under the Department of Human Resources and Education, CMA, by express mail or by fax or e-mail before 30 September 2004.

The information should include a detailed resume, highest degree certificate, education background, professional appointment, award papers, academic achievements during recent 5 years, ID or passport copies and a recent photo, etc.

Those who have gone through qualification examinations should have a vis-à-vis interview to be organized by CMA. The specific time of the interview will be notified under a separate cover.

### *4. Treatment and Term of Recruitment*

Long Term Recruit:

- A LT recruit will be offered with expert allowance of 100,000 Yuan RMB a year and a research fund of no less than 300,000 Yuan RMB to start with the operational work or a research project;
- A LT recruit, whose key research project has been successfully approved, may get a 10% of the total approved funding as the internal encouragement fund, 70% of which could be allocated for improvement of research or working conditions, and the rest 30% of which could be used as personal housing subsidies, etc.;
- A LT recruit will be provided with an apartment by CMA or by a provincial meteorological bureau where he or she is working for, or alternatively, a one-lot housing subsidies (restricted for those who have no housing in China);
- A LT recruit will be provided with an appropriate working environment and an assistant.

Short Term Recruit:

The salary and other treatment for a ST recruit under contract will be discussed in a vis-à-vis interview.

### *5. Contacts and Communication*

Address: Human Resources Division  
 Department of Human Resources and Education  
 China Meteorological Administration  
 46, Zhongguancun Nandajie,  
 Haidian District  
 Beijing 100081

Contact Person: Ms. ZHENG Ou or Mr. HU Xin  
 Tel: (+86 10) 6840 7697 or (+86 10) 6840 6702  
 Fax: (+86 10) 6840 7421  
 E-mail: kjs1364@yahoo.com.cn

This notification is exclusively subject to the Department of Human Resources and Education for the explanation or interpretation if any.

CMA is looking forward to the accession of those experts who wish to demonstrate their professional talents and wisdom at a stage set up for them by CMA, which will enable them show their successful performance in the time to come. CMA is an Equal Employment Opportunity/Affirmative Action institution.