



Chinese-American Oceanic and Atmospheric Association

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Web Page: <http://www.coaaweb.org>

Editor: Mei Han

About the COAA

COAA is a member-led, all inclusive, non-profit, professional association supporting its members and promoting excellence in oceanic and atmospheric sciences and related activities. Members have many opportunities to share information, news, studies and concerns related to the fields of oceanic and atmospheric sciences through board work, submitting correspondence or articles to the COAA Newsletter, leading workshops and making presentations at the Annual Meetings, making contributions to the COAA website, and networking with people in a wide variety of careers (from well-known senior professionals to young environmental enthusiasts).



(Flyer for COAA 2012 Distinguished Scholar Symposium to be held on April 14. Note: Prof. Li was invited to the same event last year but could not attend it due to a time conflict.)

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1. AMS 2012 COAA receptions

January 2012- On January 24, 2012, COAA held its first Reception Party at the American Meteorological Society (AMS) Annual Meeting in Hilton Riverside Hotel, New Orleans, Louisiana. The event attracted more than 100 scholars from the U.S., China and several other countries. The event started with a warm welcome from the COAA president, Dr. Fuzhong Weng, introducing COAA's mission and major activities in the past. It was followed by warm remarks from several honored guests, including Dr. Simon Chang, Naval Research Laboratory (NRL) Superintendent and one of the first board members of COAA, Dr. Al Powell, Director of Satellite Applications and Research, NOAA/NESDIS, and Dr. Wenjian Zhang, Director of WMO Observing and Information Systems Department. They appraised the great success of the event and COAA's important role in promoting both social and professional connections among Chinese-American scientists in oceanic and atmospheric sciences. COAA's president-elect, Dr. Kung-hwa Wang, then briefly introduced COAA's coming activities in 2012 and called for continuous support of COAA from the community. After two memorable hours, the reception ended with a toast of great "Mou Tai" brought by Dr. Wenjian Zhang from China. What a great start for the Chinese New Year of Dragon!

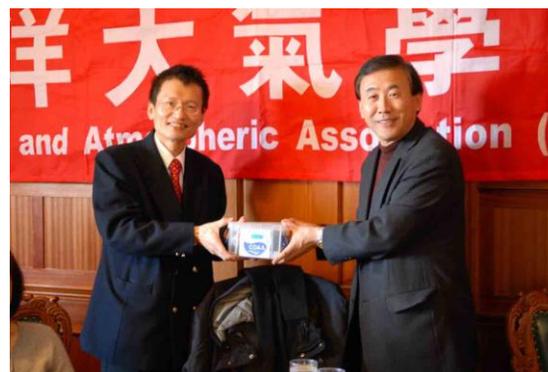


(Dr. Fuzhong Weng addresses his remarks to members/friends at the AMS COAA reception.)

Throughout the reception, we have received great feedbacks from the attendants, as many of them believed that the event became one of their highlights during the AMS annual meeting. In addition, quite a few people expressed their interest in establishing the regional chapters of COAA and sponsoring COAA's social events in the future. With such a great success, COAA plans to continue hosting formal receptions with more scientific activities during the AMS Annual Meeting in the coming years. (More photos can be found at <http://www.coaaweb.org>, news provided by Dr. Jian-Jian Wang)

2. COAA elects 2012-2013 board members at Annual Meeting and Chinese New Year luncheon

January 2012- The 2012 COAA annual meeting was held at the Hunan Manner Restaurant in Columbia, MD on January 28, 2012, in conjunction with a luncheon – our traditional Chinese New Year celebration.



(Dr. Fuzhong Weng passed COAA's official seal to new President Dr. Kung-Hwa Wang.)

Exiting President Fuzhong Weng summarized COAA's achievements during his tenure and expressed his best wishes and optimistic outlooks for the new board. Four new board members were elected for the 2012-2014 term, including the new President-elect Prof. Zhanqing Li from University of

Maryland, Drs. Jingfeng Huang (Secretary) and Mei Han (Newsletter) from GSFC, and Dr. Banghua Yan (Program for Ocean) from NOAA. The new board will be led by the new President, Dr. Kung-Hwa (Peter) Wang. Dr. Weng offered to continue support and provide guidance when necessary. Each exiting board member received a Certificate of Appreciation for their service to COAA in the last two years.



After an official handover of COAA's presidency, new president Dr. Kung-Hwa Wang welcomed all the new board members and discussed his perspective and major plans for the coming year. Dr. William Lau also attended this annual meeting and discussed means to establish COAA's collaboration with the science community in Hong Kong.



The luncheon was attended by a many other distinguished members and some young new members from the D.C. area, including Drs. Charles Sun, Eddie Shih, Song Yang,

Ning Zeng, Quanan Zheng, Sky Yang, and Corporate Member Dr. Jingli Yang (CEO of ERT). President Kung-Hwa Wang represented COAA to wish all members a happy and prosperous Chinese New Year and shared his vision and plan with a wider audience. Attendees exchanged many ideas about COAA's future development.

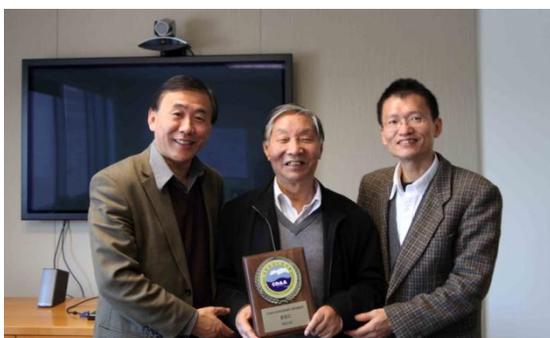


The luncheon was filled with warm greetings and friendship. It ended with a fun raffle that symbolized good luck for the winners in the Chinese Year of Dragon.

3. Professor Daren Lu (吕达仁院士) visits COAA and Univ. of Maryland

On February 25 and 27, 2012, Prof. Daren Lu at Institute of Atmospheric Physics (IAP), Chinese Academy of Sciences visited COAA, NOAA, and University of Maryland, College Park. Prof. Lu is a well-regarded scientist in the field of Remote Sensing, Atmospheric Sciences, and Solar-Terrestrial Physics. His research involves in a wide range of ground-based and space-borne remote-sensing instrumentation, gravity waves, ozone variation, volcanic eruption, as well as stratosphere-troposphere coupling. He serves as chief scientists for several Satellite missions in China and National Sciences Foundation of China (NSFC)'s major research projects. He is a member of the Chinese Academy of Science since 2005.

COAA hosted a reception for Prof. Lu and his wife Prof. Jinli Liu in Columbia, Maryland on February 25. President Kung-Hwa Wang, former President Fuzhong Weng, and many COAA board members attended the reception. Prof. Lu introduced research activities he has been involved with and discussed a wide range of research topics with attendees. As one of the early generation of scientists in China, he also shared stories about the development of doctorate degree education program more than half a century ago. During the reception, Prof. Lu received COAA's Honorary Member Award. Prof. Lu expresses his willing to contributing collaboration and exchanging between COAA and IAP scientists.



On February 27, 2012, Prof. Lu visited the NOAA Center for Satellite Application and Research (STAR) office on the site in University of Maryland, and University of Maryland, College Park. Prof. Lu had a broad discussion with STAR SMCD acting chief Dr. Fuzhong Weng, OSPO ocean color product area lead Dr. Banghua Yan, and other SATR scientists. After that, Prof. Lu visited the Earth System Science Interdisciplinary Center of the University of Maryland and gave a seminar entitled “Atmospheric Profiling Synthetic Observation System (APSOS) over Tibet”. Many students and professors from University of Maryland and scientists from NOAA and NASA attended the seminar with a great interest. Prof. Lu

presented many aspects of the APSOS, an NSFC-funded major research project headed by Prof. Lu, including the scientific perspective and instrument implementation etc. The APSOS system consists of a number of lidar and microwave remote sensing instruments, many of which carry multi-wavelength, dual polarization, and Doppler capabilities. After being deployed on Tibet (with an average of 4000 m above sea level), this profiling system will be able to provide unique and important observations about atmospheric moisture, aerosol, cloud, trace gases, and solar irradiance. These observations will help scientists to understand a large variety of atmospheric and solar phenomena, and will also provide valuable ground-validation source for space-borne instruments.



4. Announcement

COAA 2012 Distinguished Scholar Symposium

The COAA 2012 Distinguished Scholar Symposium will be held on April 14 2012 at the University of Maryland. The featured speakers are: Dr. Ronghui Huang (Chinese Academy of Sciences) and Dr. Zhangqing Li (University of Maryland and Beijing Normal University). Scholars will share their experiences on research, and academic achievement and insights for life.

Time: 9:30 am – 1:30 pm, April 14, 2012

Location: Rm 2400, CSS Building

**Dept. of Atmospheric and Oceanic
Science**

University of Maryland
College Park, MD 20742

**COAA Chinese Doctorate Student Thesis
Award 2012**

On March 27, 2012, COAA launched a call for applications of "COAA Chinese Doctorate Student Thesis Award". It is the first of its kind that COAA aim to promote recognition of a generation of young scientists in the fields of oceanic and atmospheric sciences (see below for details).

Purpose:

We at COAA strive to develop the scientific ventures in oceanic and atmospheric studies. Through this award, we endeavor to support the research of tomorrow's leading Chinese scientists. We intend to award the high-quality thesis work of the best Chinese doctorate students of today.

Requirements:

1. Must have graduated from an accredited university from the United States with a degree in oceanic and atmospheric research.
2. Must have graduated within two years of this application's deadline.

Application:

1. Please email news@coaaweb.org with the thesis (PDF) and a 1-page CV attached, including education, experience, honors, and publications by July 1st 2012
2. A recommendation letter from a supervisor is highly recommended.
3. Applicants need to register at the COAA website (<http://www.coaaweb.org/join.php>) when applying.

Award:

1. The top five applicants will be chosen and rewarded with an "Excellent Thesis Certification" as well as a cash prize.
2. Winners will be announced next January at the annual AMS meeting as well as on the COAA web site. Award notifications will also be sent to their advisor, department chair, or faculty of their institute for broader accreditation.
3. Awarded papers will be posted on the COAA web site (<http://www.coaaweb.org>)

and available for downloading with the author's permission.

Assessment will be based upon:

1. Number of journal papers that have been published from the thesis, number of times cited, and the number of awards the thesis has received will be considered.
2. Judgments by COAA-invited experts in the field.

**NTU International Science Conference on
Climate Change: Multidecadal and Beyond
(台大氣候變遷國際研討會)**

<http://www.tims.ntu.edu.tw/workshop/Default/index.php?WID=137>

An *International Science Conference on Climate Change: Multidecadal and Beyond* will be held at National Taiwan University in Taipei, Taiwan during 17-21 September 2012. The conference, sponsored by the Taida Institute for Mathematical Sciences (TIMS) of NTU in coordination with the NTU Department of Atmospheric Sciences (AS), will feature invited lectures to review the current knowledge on multidecadal to longer-scale climate variations. The main theme of the conference is focused on the observation and understanding of climate change, and the scope of the reviews will include theoretical studies, observational studies, and model simulations that address fundamental issues. The conference welcomes contributions in the form of oral or poster papers that are related to the main theme and the scope of the reviews. The Proceedings consisted of invited lectures and referee-reviewed contributed papers will be published as a volume in the Asia-Pacific Weather and Climate book series by World Scientific Publishing Company/Imperial College Press.

Interested scientists wishing to receive future communications please send your contact information to: tassist3@math.ntu.edu.tw. Short abstracts

(by **30 April 2012**) and extended abstracts (by **15 August 2012**) should also be sent to: tassist3@math.ntu.edu.tw.

For inquiries, please contact Dr. Chih-Pei Chang (cpchang@nps.edu) or other committee members listed on the website.

5. Members' News

COAA member Dr. Jun Du has received an Editor's Award for *Weather and Forecasting* from American Meteorological Society (AMS) during the AMS Annual Meeting in New Orleans, LA on January 25, 2012. The citation reads "For completing several prompt reviews that were beneficial, constructive and of high quality". Dr. Du is a NOAA Meteorologist working on development of mesoscale ensemble prediction systems at the Mesoscale Modeling Branch, Environmental Modeling Center (EMC) of the National Centers for Environmental Prediction (NCEP).



6. Call for contributions to COAA newsletter

Please let us know if you have exciting news to share with other COAA members, including awards, promotions, important publications, etc. We will post them on the COAA website and newsletter.

Please send your announcements to: news@coaaweb.org

For current job listings, visit the COAA website: <http://www.coaaweb.org/career.php>