

COAA e-News. Issue 22. February 15, 2006.

(Former COAA e-Newsletter)

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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;



Contents:

- (1) From board meetings
- (2) COAA Activity Reports
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- (4) Profession meeting announcement.
- (5) Job opportunities.

Message from the Board

Dear members and colleagues,

We wish you the best for the new year of the Dog!

As we stepped into its thirteenth year of COAA, we see growth in our membership, prominence of members' professional reputation, and the vibrancy of activities. As our study, led by Zhanqing Li, showed, about 15% of all contributors to AMS and AGU publications are contributed by authors of Chinese origin. This is something that we can be proud of and should continue to maintain or surpass.

We want to share some observations and suggestions for COAA.

- 1) Need for a President Elect. There is a need for the president to ease into his/her job. A President Elect instead of the current Vice President would be helpful for the incoming President.
- 2) Direct election to the positions of President and Program Chairs. Currently new board members are elected and the President and Program Chairs are elected by the new board. We suggest the election of President Elect and Program Chairs directly to their posts. This way, COAA can involve talents outside of the DC area, so that COAA is truly an association for all Chinese-Americans in the US.
- 3) Regional Directors are encouraged to develop local subchapters to promote local networking and activities. These subchapters will have their own governance and are covered under the COAA bylaws. Presidents of regional subchapters will become board members and will be eligible to vote at board meetings.
- 4) We should leverage existing resources, such as AGU or AMS meetings to promote our activities. For example, banquets in association with the AGU or AMS annual conferences would attract COAA members both nationally and internationally.

Currently, a bylaw committee, headed by Song Yang, Jun Du and Henry Juang, are examining the bylaws. Your opinions would be most welcomed. Please send your comments to the board (board@coaaweb.org) and we will forward them to the committee.

COAA Board 2006

(1) From board meetings

- The first COAA2006 Board Meeting Minutes (Recorded by Likun Wang)

A COAA Board meeting was held at Long Chiu's residence, Potomac, Maryland on November 26 (Saturday) 2006 from 10:00am to 12:00pm.

Four Board members - Long Chiu, Menglin Jin, Likun Wang, and Kwo-sen Kuo - attended the meeting. Below is a summary of the meeting outcomes.

(1) The 2006 board of directors are tentatively assigned as the following,

President: Long Chiu

Vice president: Henry Juang

Secretary: Likun Wang

Treasurer: Sarah Lu

Programs (Ocean): Quanan Zheng

programs (Atmosphere): Menglin Jin

Publicity: Kwo-sen Kuo

Newsletter: Zeng Zeng Hu

Membership: Eric Nie

This assignment will be voted for approval in the next board meeting.

(2) Seasonal greeting cards, which Kwo-sen Kuo is in charge of, will be sent out before the coming Christmas.

(3) The COAA will organize a gathering activity jointly with the following AGU session in San Francisco, CA. Zhanqing Li, Eric Nie, and Long Chiu will prepare for the poster for this event.

(4) Prof. Qingyun Duan proposed that COAA should co-sponsor sessions for the Western Pacific Geophysics Meeting (WPGM) during July 24-27, 2006 in Beijing. Du Jun will submit a session on uncertainties in NWP. The board members also consider submitting a special session in the ocean sessions.

(5) Led by Kwo-sen Kuo, the COAA board member will plan the 2006 new year's banquet scheduled on January 28 2006.

(6) Another board meeting is scheduled to further discuss the above issues at Long Chiu's residence at 10-12am on January 7, 2006.

- The 2nd Meeting of COAA Board'2006 Held at Long Chiu' s Residence (recorded by Zeng-Zhen Hu)

Called by Long Chiu, the 2nd meeting of COAA Board'2006 was held at Long Chiu's residence, Potomac, Maryland on Jan. 7 (Saturday), 2006 from 10:00 am to 12:30 pm. Eight board members - Long Chiu, Henry Juang, Sarah Lu, Eric Nie, Kwo-Sen Kuo, Quanan Zheng, Dongliang Yuan, and Zeng-Zhen Hu attended the meeting. Menglin Jin and Likun Wang were absent due to previous engagement and personal schedule, respectively. Below is a summary of the meeting outcome.

(1) Following the tradition of COAA, 86 New Year greeting cards were sent out to VIPs this year. Thank for the excellent work of Kwo-Sen Kuo.

(2) Long Chiu reported on the AGU Fall Meeting banquet. About 50 members and friends attended the meeting. The key-note speaker was Prof. Inez Fung and Dr. Bill Lau. Long Chiu will submit report to COAA newspaper.

(3) Long Chiu also reported the progress of co-sponsoring the Western Pacific Geophysics Meeting. The meeting will be held in July 24-28, 2006, in Beijing, China. COAA members (Long Chiu and Jun Du) have proposed two sessions.

(4) The board proposed a few possible dates and restaurants for Chinese New Year banquet and the farewell luncheon for Ben Chao. Kwo-sen Kuo will work out the details. Each board member is asked to prepare at least one gift for the party.

(5) COAA 2006 Spring Workshop will be held at University of Maryland, College Park on May 6 or May 13. Minglin Jin and Quanan Zheng are going to work out the details.

(6) The proposed COAA-YP (young professionals) by Eric Nie was approved. COAA-YP will be a subchapter of COAA, consists of student member and new Ph.D.s and other young professionals. Its activities will cater to this group and funded through COAA.

(7) The board also discussed the possible times and locations to held a COAA international meeting in 2007. It is believed that seeking and getting finance support are the most important step for planning the meeting.

New Members

We welcome the following new members:

Zhuo Wang, Naval Postgraduate School, Monterey CA (Regular member)

Dr. Hui Su, JPL, Pasadena, CA (Life Member)

Dr. Chuang Liu, Director of Global Change Information and Research Center, Institute of Geography and Natural Resource, Chinese Academy of Sciences, Beijing, and

Dr. Zeng-Zhen Hu, (Promotion to Life Member)

Brief introduction and their research interests will be posted in the next issue.

(2) Activities Reports

- The COAA AGU Fall banquet was held on December 6, 2005 in San Francisco Chinatown Seven Seas restaurant during the AGU Fall meeting. About fifty members and friends attended the dinner. Long Chiu introduced COAA and COAA activities. Zhanqing Li introduced the speakers. Two invited speakers, Inez Fung and William Lau, spoke on "The future of atmospheric and oceanic science: A personal view" and "Aerosol, hydrologic cycle and the Asian Monsoon" respectively. Inez Fung is a professor at UC Berkeley and was the first women member of the National Academy of Sciences in the field of atmospheric science. William K-M Lau is Director, Laboratory of Atmosphere at the NASA/Goddard Space Flight Center. Zhanqing Li provided a brief report on "A survey of publications in AMS and AGU journals by Chinese Scientists," which was supervised by Z. Li and L. Chiu and carried out by a summer student Steven Weng for the COAA summer intern program. During the banquet, guests spoke and urged participations at the AGU West Pacific Geophysics Meeting to be held in Beijing and AOGS in Singapore in July 2006. Participants enjoyed the invited talks and networking and agreed that COAA should have similar functions during major AGU and AMS meetings. Some participants thought the food is too pricy and that provision should be allowed for students. COAA will pay more attention to food cost in future similar events. Pictures of the event will be posted in the COAA web site.

- On Jan 15, the COAA South California Chapter held a dinner party at the Rong Hwa Restaurant in the Monterey Park, CA to celebrate the upcoming Chinese New Year. About 60 people, including about 40 Chinese-American scholars in the field of Atmospheric and Oceanic research and their family members, attended the gathering. They came from UCLA, JPL, Caltech, UC Irvine, and California State University.

Prof. Yong Kang Xue (UCLA) hosted the party. He first passed the greetings of COAA President, Dr. Long Chiu, to South California scholars and encouraged people to participate in West Pacific Geophysics Meeting COAA sessions next year in Beijing. He also briefly reviewed the COAA history. Prof. Kuo-Nan Liou (UCLA) delivered a keynote speech during the dinner party. He called upon all Chinese-American scientists working in the atmospheric and oceanic sciences to assist each other for career development and mutual enrichment. He also mentioned that more and more Chinese female scientists in the atmospheric and oceanic sciences are emerging and they should be encouraged to pursue their research and academic excellence in the field. Prof. Yuk Yung (Caltech) talked about the environmental issue. He also narrated interesting travel experience to Cambridge, England and gave out a beautiful-written travel log by his wife, a famous Chinese writer. Drs. Yi Chao and Tim Liu (JPL) also made short speeches to share their happiness for the gathering. During the course of the dinner, people talked about their work and family life, shared laughs and exchanged research ideas, and future COAA LA local activities. Everyone also did a brief self-introduction. The party was enjoyed in a delightful and festive atmosphere. After the dinner, some of the people stayed for Karaoke.

Reported by Hui Su (JPL)

- To celebrate the Chinese New Year, congratulate the promotion of Ben Chao to be Dean of National Central University and Dongliang Yuan as Professor, Institute of Oceanology, CAS, Qingdao, a COAA New Year luncheon was held 11:30am-1:30pm on January 21, 2006 at Seven Seas Restaurant, 8503 Baltimore Ave., College Park, MD. Close to fifty participants occupied five tables and enjoyed a main course of wonderful dishes. Long Chiu greeted everyone on behalf of the board and reported COAA activities, including the New Year dinner organized by COAA Southern California region (see report by Hui Su). He encourages other regional groups to organize similar activities to network local COAA members. Zhanqing Li circulated a draft of the report on the contributions to AMS and AGU publications by authors of Chinese origin. After the main course, Bill Lau introduced Ben Chao and Quanan Zheng introduced Dongliang Yuan. Gifts were presented to Ben Chao and Dongliang Yuan. Ben talked about his tenure and new job at NCU and urges closer collaboration with COAA members and welcomes visits from COAA members. Dongliang spoke about his plans at his new job and possible collaboration for a COAA Qingdao meeting. A round of lucky draws finished the joyful luncheon gathering. Following are pictures to show our celebration, including party announcement and invitation:

COAA Chinese New Year Party
Year of the Dog

Who: COAA Members, Families and Friends

When: Lunch on Saturday, 11:30-1:30 PM January 21, 2006

Where: Seven Seas Restaurant in College Park
8503 Baltimore Ave, College Park, MD 20740
Tel: 301.345.5807

Cost: USD13 per Person (Tax and Tip included)

RSVP Contacts

Please reply before COB Wednesday, January 17. Thank you!

NOAA members: Henry Juang (Henry.Juang@noaa.gov)
Sarah Lu (Sarah.Lu@noaa.gov)

NASA members: Menglin Jin (mjin@atmos.umd.edu)
Kwo-Sen Kuo (coaakuo@verizon.net)

UMD members: Quanan Zheng (quanan@atoms.umd.edu)

GMU members: Long Chiu (lchiu@gmu.edu)







(2) Community news

- On Thursday evening during 5:30 and 7:00 pm of February 2, 2006, several board members attended the celebration of Lunar New Year by the invitation of Madam Secretary, Elaine L. Chao, (secretary of Department of Labor), at DC. Each member and entire group had pictured with Secretary Chao, at that moment, we presented our COAA brochure to her. After the group photo, we were invited to tour the department office. Following photo shows the attended COAA board members:



- Xiaoqing Wu and Wei-Kuo Tao are organizing a session on 'Application of Cloud-Resolving Model Simulations for Improving and Developing Physical Representation of Cloud-Related Processes in Climate Simulations' for the AGU Spring Joint Assembly meeting scheduled between the 23 and the 26 of May 2006 in Baltimore. We would like to invite you to submit a paper for this session. The description of the session is included in professional meeting announcement section of this issue,

- COAA will be sponsoring a number of sessions, A04, A05, A06, A09 and A13, at the West Pacific Geophysics Meeting (WPGM) to hold on 24-27 July 2006, in Beijing, China. The submission deadline is March 16, 2006 at 23:59 UT. The description of the session is included in professional meeting announcement section of this issue,

(3) Professional meeting announcements

2006 AGU Joint Assembly -- Baltimore, Maryland -- 23-26 May 2006
Deadline for abstracts: March 1, 2006 at 23:59 UT
(note that this is 6:59 PM EST!)

Special Session (A14) on Application of Cloud-Resolving Model Simulations for Improving and Developing Physical Representation of Cloud-Related Processes in Climate Simulation
Sponsor: Atmospheric Sciences

Cloud-system-related problems are at the heart of global and regional climate simulations and the understanding of climate change. Convective clouds not only release latent heat from condensation and vertically redistribute heat and moisture, but also play important role in the global and regional hydrological cycle through the precipitation and the modification of shortwave and longwave radiative fluxes at the ocean and land surface. However, the representation of cloud systems in general circulation models (GCMs) and regional climate models (RCMs) remains one of major challenges for the climate simulations. The improvement to the existing convection and cloud parameterization schemes in GCMs has been slow. The development of cloud-resolving models (CRMs) provides a unique opportunity to evaluate and improve the existing convection, cloud and radiation schemes. While GCMs require convection and cloud parameterizations, CRMs explicitly resolve convection and mesoscale organization, where cloud microphysical processes and cloud-radiation interactions directly respond to the cloud-scale dynamics. Increasing studies have been focused on the application of CRM simulations to improve parameterizations of subgrid-scale physical processes in GCMs; to understand the interaction of cloud systems with large-scale circulations; and to replace the cloud-related parameterizations in GCMs. The goal of this session is to showcase the current efforts on this challenging task and encourage the collaboration between the CRM, GCM and RCM modelers.

Wei-Kuo Tao, NASA/Goddard Space Flight Center, Phone: (301) 614-6269
FAX: (301) 614-5492, tao@agnes.gsfc.nasa.gov <mailto:tao@agnes.gsfc.nasa.gov>
Xiaoqing Wu, Iowa State University, phone: (515) 294-9872, fax: (515)
294-2619, wuxq@iastate.edu

Asia Oceania Geosciences Society (AOGS) presents 3rd Annual Meeting (AOGS 2006) from 10-14 July 2006 at the Singapore International Convention & Exhibition Centre.

<http://www.asiaoceania-conference.org>

The AOGS mission is to promote geophysical science for the benefit of humanity in Asia and Oceania. Hence, AOGS 2006 will once again bring together geoscientists from all over Asia, Oceania and the rest of the world to present their works and ideas.

Committee on Space Research, 36th COSPAR Scientific Assembly
Beijing, China, 16 – 23 July 2006

<http://meetings.copernicus.org/cospar2006/>

2006 Western Pacific Geophysics Meeting (WPGM), 24-27 July 2006, in Beijing, China

Deadline for abstract submission March 16, 2006

URL: <http://www.agu.org/meetings/wp06/>

Special Session (A04) on Uncertainty in Numerical Weather Prediction and its Application

Sponsor: Atmospheric Sciences

This session will include but not limited to all aspects of ensemble forecasting and predictability, coupling meteorological ensemble with other prediction systems (such as air quality, hydrology, dispersion, ocean wave ...), targeted/adaptive observation, ensemble-based data assimilation, analysis/observational error estimation, probabilistic forecast evaluation and how to convey weather uncertainty in the process of decision making etc.

Convener:

Jun Du Jun.Du@noaa.gov

National Centers for Environmental Prediction/NOAA

5200 Auth Rd. Camp Springs, MD, USA 20746, 301-763-8000 x 7593

Mu Mu mumu@lasg.iap.ac.cn

Institute of Atmospheric Physics, Chinese Academy of Sciences, Beijing, China

Special Session (A5) on Cloud-Radiation Interaction

Sponsor: Atmospheric Sciences

One of the major questions in long-term climate change is whether deep convection will strengthen in a warming climate. This affects a variety of things, including changes in cumulus precipitation and drought occurrence, convective and stratiform partitioning, and changes in the transport of water vapor and condensate into the upper

troposphere, which control water vapor and cloud feedback. An observed positive correlation between CAPE and surface temperature in current climate may imply a substantial increase in lightning or deep convection in a warmer climate.

While GCMs require convection and cloud parameterizations, CRMs explicitly resolve convection and mesoscale organization, where cloud microphysical processes and cloud-radiation interactions directly respond to the cloud-scale dynamics. Increasing studies have been focused on the application of CRM simulations to understand the interaction of cloud systems, radiation, surface processes under different large-scale circulations. The goal of this session is to showcase the current efforts on this challenging task and encourage the collaboration between the CRM modelers, observation and large-scale modelers

Convener:

Professor Shouting Gao

Laboratory of Cloud-Precipitation Physics and Severe Storms

Institute of Atmospheric Physics, Chinese Academy of Sciences, Beijing, China

Dr. Xiaofan Li

Joint Center for Satellite Data Assimilation and NOAA/NESDIS/Center for Satellite Applications and Research, Camp Springs, Maryland, USA

Dr. Wei-Kuo Tao, NASA Goddard Space Flight Center, Laboratory for Atmospheres, Greenbelt, MD 20771, USA

Special Session (A06) on Severe Weather Systems

Sponsor: Atmospheric Science

Deadline for submitting abstract: March 16, 2006 at 23:59 UTC

Check this AGU web site for details: <http://www.agu.org/meetings/wp06/?content=program/>

This session invites papers reporting recent advances in our understanding of severe weather systems that occur over both tropical and extratropical regions, such as squall lines, mesoscale convective complexes, tropical cyclones, frontal systems, orographic storms and other mesoscale convective systems. Featured topics may include studies of the genesis, structures and evolution of severe storms through cutting-edge observations, high-resolution modeling as well as their climatological aspects. The latest developments in mesoscale data assimilation and ensemble forecasts are also welcome. The session also includes poster presentations.

Convener:

Da-Lin Zhang dalin@atmos.umd.edu

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Shouting Gao gst@lasg.iap.ac.cn

LACS, Institute of Atmospheric Physics, Chinese Academy of Sciences

Dong-Kyou Lee dklee@nwp2.snu.ac.kr

Atmospheric Science Program, School of Earth and Environmental, Sciences, Seoul National University

Tae-Young Lee

Dept. of Astronomy & Atmos. Sci., Yonsei University

Special Session (A09) On Verification and Development of Climate Models with State-of-the-art Observations

Sponsor: Atmospheric Science

This session is to solicit papers on theoretical, observational and numerical modeling studies of various physical processes, including clouds, cloud microphysics, radiation, convection, and boundary-layer processes. The topics include: 1) recent observations of these processes from field experiments, satellite and aircraft missions; 2) validation of physical parameterizations against observations using various modeling approaches, including single-column model, cloud-resolving model, evaluation of climate model in short-range weather forecasts and climate simulations, and multi-scale modeling approach; 3) improvement of existing and development of new physical parameterizations for use in climate models.

Session Conveners:

Kuan-Man Xu, NASA Langley Research Center, Hampton, VA 23681-2199.

757-864-8564 (phone), 757-864-7996 (fax), email: KUAN-MAN.XU@nasa.gov

Shaocheng Xie, Lawrence Livermore National Laboratory, Livermore, CA 94551.

925-422-6023 (phone), 925-422-7675 (fax), email: xie2@llnl.gov

A12: Aerosol and Climate: Impact on Regional and Global Energy and Water Balance and Cycles

Description: Aerosol is known to have broad impacts on both regional and global energy and water balances and their cycles. Understanding of the impacts has been hindered by inadequate knowledge of aerosol distribution, variation, composition, and processes governing its interactions with cloud, radiation and precipitation. This special session invites papers on

- 1). Observation techniques and programs aiming at improving our knowledge and understanding of the aerosol direct and indirect effects;
- 2). Impacts of aerosols on radiation budget, cloud development, and precipitation;
- 3). Modeling the roles of aerosols in regional and global climate and its changes
- 4). Characterization of regional aerosols and climate with a particular attention to Asian aerosols and the Asian monsoon system

Conveners:

Si-Chee Tsay, NASA GSFC, USA tsay@climate.gsfc.nasa.gov
Daren Lu, Institute of Atmospheric Physics, CHN ludr@mail.iap.ac.cn
Brent Holben, NASA/GSFC, USA bholben@pop900.gsfc.nasa.gov
Long Chiu, George Mason University, USA lchiu@scs.gmu.edu

A13: Climate in the Western Pacific

Description: The western Pacific is one of the largest heat sources that drives the atmospheric general circulation. Further, its year- to year variability, with an amplitude tripling the Indian monsoon variability, plays a critical role in affecting East Asia monsoon and a broad scale south Asian monsoon; it also exerts a global influence, including Australia and Southern Indian Ocean, as well as North America and the frequency of occurrence of the blocking highs in the extratropics. The tropical cyclones and typhoons generated over the western Pacific frequently lead to dramatic economic loss and casualties in South Asia and East Asia. The most powerful winter northerly exemplifies the strongest tropical-extratropical interaction and the hemispheric interactions between the Northern and Southern Hemispheres. The western Pacific is one of the key regions where the Asian monsoon interacts with the ENSO. Besides, some evidences show that the variability of climate in the western Pacific is associated with the Arctic Oscillation (AO) and Southern Hemisphere annular mode (SAM). However, the physical processes related to the climate variations and changes over the western Pacific are far from well understood. Of note is also the fact that the existing AGCMs and coupled model's simulations of mean and anomalous climate in this region are among the most problematic regions. The climate variability in the western Pacific contains rich temporal spectrums, ranged from intraseasonal, interannual, to interdecadal timescales. This symposium invites papers on all aspects that are related to the variability of the climate in the western Pacific, including observational, theoretical and numerical studies on the modern period and those dealing with the variability on longer time scale variability in the past.

Conveners:

Ronghui Huang, Institute of Atmospheric Physics, Chinese Academy of Sciences, Beijing, 100029, China; Tel: +86-10-6252-2491; Fax: +86-10-6256-0390; hrh@lasg.iap.ac.cn
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OS08: Marginal seas I-physical and biogeochemical aspects: Circulation, biogeochemistry and material transport in and through the Marginal Seas

Over the western boundary area of the Pacific Ocean, there are several marginal seas, which are very important in number of reasons such as biological nursery, fisheries, reservoir of terrestrial materials, and coastal environment in many senses. The marginal seas are the area in which interaction between land and open ocean is very active not only through sea water itself in the marginal seas but also through atmosphere and geosphere. For example, South

China Sea is under strong influence of Asian monsoon and influxes from open oceans; the physical, biological and chemical processes in East China Sea are largely influenced by Yellow River and Changjiang River. However, quantitative understanding of the physical and biogeochemical system in the marginal seas is not enough. For example, sources of nutrients supplied for the primary production in some of the marginal seas have not been evaluated yet, while there are several candidates such as from rivers, from open ocean, from atmosphere and from underground. In this session, various topics are expected, that is, behavior of river discharged fresh water, contribution of nutrients from rivers or the other sources on the primary production, evaluation of heat and water fluxes through the sea surface or boundaries in the sea including the sea bed, and any others on physical, chemical, and biological processes in the marginal seas. Progress of the understanding on the whole system of the marginal seas must lead to improvement of environmental policy in the surrounding countries.

Cosponsor: Biogeosciences

Index terms: 4243 4219 4273; 4512 4835 4845 4532; 4805 0439 4520 4536 4572

Session Conveners:

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**Wang, Dongxiao LED, South China Sea Institute of Oceanography, Chinese Academy of Sciences; dxwang@scsio.ac.cn

*also listed in OS07

**also listed in OS03

Ocean Science Meeting in Qingdao 7/30/2006-8/1/2006

See detail in the following link (in Chinese GB)

http://www.qdio.ac.cn/cn/todaynews_tan.asp?AutoID=1274&newsClass=4

It is immediately after the AGU-Western Pacific Geophysical Meeting in Beijing.

(5) Job opportunity

- Academic positions at the Ocean Center in Zhejiang University:

Prof. Jin Wu (COAA's founding member, now Prof. at Chung-Kung University in Taiwan) is helping recruiting scientists and engineers at all levels and all ocean disciplines (including marine policy and affairs) who are interested in working at the to be established "National Ocean Center at Zhejiang University." This includes an Executive (Deputy) Director who will run the center. For more information please contact Prof. Wu at: jinwu@mail.ncku.edu.tw.

- VIRGINIA, FAIRFAX 22030. The Center for Earth Observing and Space Research (CEOSR, <http://ceosr.gmu.edu>) of George Mason University (GMU) is seeking an established researcher or someone with extensive research project management experience to take the newly established Associate Director position. CEOSR, an interdisciplinary research center, is the largest research center at GMU and has more than 60 research scientists. It covers a wide spectrum of research areas in Earth and space sciences, and related information sciences including remote sensing, space-related research, GIS and distributed information technology. Other important application areas include natural hazards, atmospheric dispersion modeling and homeland security. The Center's R&D expenditure was over \$8.5M in 2005.

The successful candidate may become a tenured faculty member in the Department of Earth Systems and GeoInformation Sciences (ESGS, <http://esgs.gmu.edu>) under the new College of Science at a rank commensurate with his/her credentials. ESGS administers an MS in Earth Systems Science jointly offered with other academic units and offers a Ph.D. with four concentrations: geoscience, geography, remote sensing and GIS.

The successful candidate will work with the CEOSR Director running the Center, work with federal agencies, lead research initiatives, and assist to secure external funding support. Internally, the Associate Director will coordinate research activities with the administrations in the College and the Department. The ideal candidate should have a strong management record, coupled with research interests or record in securing funds. Areas of expertise or interest

should include remote sensing and Earth systems sciences. Other possible research interests in geoinformation sciences are welcomed.

Interested candidates must complete the online application (go to <https://jobs.gmu.edu>, select "SEARCH POSTINGS" using the position number "F8786Z"). Other application material, including the application letter, curriculum vitae, names and contact information of at least three references, may be attached online or sent to the Chair of the Search Committee: Dr. Ruixin Yang, Chair, Search Committee, CEOSR, School of Computational Sciences, MS 5C3, George Mason University, 4400 University Drive, Fairfax, VA 22030. The position will be open until filled. Screening of applicants will begin March 1, 2006.

George Mason University is an innovative, entrepreneurial institution with national distinction in a range of academic fields. Enrollment now tops 29,000, with students studying in 144 degree programs at campuses in Arlington, Fairfax, Loudoun, and Prince William.

George Mason University is an equal opportunity/affirmative action employer. Women and minority candidates are particularly encouraged to apply.