



## Chinese-American Oceanic and Atmospheric Association

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### 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).

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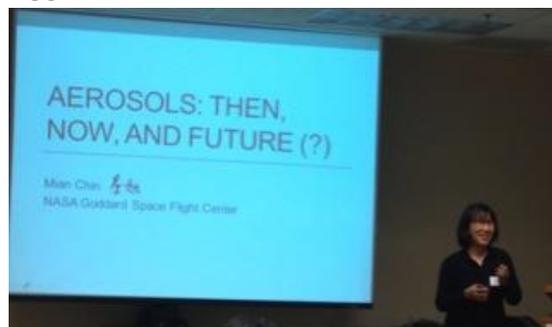
## COAA held 2014 Spring Science Workshop

On May 3<sup>rd</sup> 2014, the Chinese-American Oceanic and Atmospheric Association (COAA) held its 2014 Spring Science Workshop at the University of Maryland, College Park, Maryland. The workshop was well participated by scientists from NASA, NOAA, and universities. Some participants attended the workshop remotely via WEBEX. The workshop was opened by the president of COAA, Dr. Chung-Chu Teng, who gave the guests a warm welcome and an introduction to the event. Two keynote talks were given in the morning session, followed by five invited presentations in the afternoon.

The workshop keynote presentations were kicked off by Dr. Mian Chin, a senior NASA GSFC scientist who is known for her pioneer work on aerosol modeling studies. She gave a thought-provoking lecture titled as: "Aerosol: then and now (and future?)". Dr. Chin started her talk by an impressive story of her own past experience. Then, she gave a very inspiring introduction on the aerosol observations and modeling, as well as the direct and indirect impacts of aerosols on weather, climate, environment and human health. Dr. Chin also presented the assessment of the aerosol variations over the last three decades (1980-2009) in different regions and the anthropogenic and natural contributions to these changes from satellite observations, ground-based measurements, and a global model GOCART. The presentation ended with Dr. Chin's thought and vision about future strategies and directions of the aerosol effect studies.

Prof. Dalin Zhang from Univ. of Maryland at College Park then presented the other keynote talk titled as "Recent advances in tropical cyclogenesis (TCG) research". Before diving into the scientific presentation,

Professor Zhang presented a very informative introduction about himself, about how he became a world-known scientist from a kid grown up during the Cultural Revolution and without much formal education. His experience was a vivid lesson to the young scientists and students that the successful scientist never gives up in the ups and downs of his life. Started his presentation by introducing the concepts of TCG, Professor Zhang explained its importance for understanding and predicting the tropical cyclone initiation, intensity development and structure configuration. The latest development and progress on the TCG research and hypotheses of TCG processes were reviewed in details. Results presented suggest that both the upper- and low-level atmospheric and oceanic processes should be considered in order to understand and to predict the TCG.



Dr. Mian Chin from NASA GSFC presented a talk in COAA 2014 Spring Workshop



Prof. Dalin Zhang from UMCP gave a talk in COAA 2014 Spring Workshop

After the keynote lectures, the participants enjoyed a Pizza-and-Wing lunch provided by COAA. The lunch break was filled with friendly atmosphere with lots of discussions and exchanges of scientific ideas and life stories. The workshop continued after the lunch with 5 young scientists' presentations, covering wide topics across the most frontier atmosphere, ocean and land research and applications. Prof. Zhibo Zhang (UMBC) presented "Emerging Satellite Observations of Above-Cloud Aerosols and Direct Radiative Forcing"; Dr Xuesong Zhang (JGCRI) presented "Balancing Human Needs and Ecosystem Services to Develop a Sustainable Biofuels Industry: A Modeling Systems Approach"; Dr Tianle Yuan (UMBC/JCET) gave a talk on "What does nature tell us about anthropogenic aerosol indirect effects?"; Dr. Caihong Wen (NOAA/NCEP) presented "Changes in Tropical Pacific Thermocline Depth and Their Relationship to ENSO after 1999"; The workshop finished with Dr. Sanmei Li (GMU)'s presentation on "Development of an Integrated High Resolution Flood Product with Multi-Source Data".



Speakers and Some participants of COAA 2014 Spring Science Workshop

Workshop photos and presentations can be found at:

<https://drive.google.com/folderview?id=0B9xUyIPSJXs4VoZEbVg1UVJ2Ykk&usp=sharing>  
(News provided by Lihang Zhou and Jie Gong)

### Prof. Guoxiong Wu won the prestigious Tan Kah Kee award

Annual Tan Kah Kee Science Award (陈嘉庚科学奖) and the Young Scientist Award were announced on December 16, 2013 in Beijing. The award ceremony will be held to all Fellows at the General Assembly in June 2014. Guoxiong Wu (吴国雄) of the Institute of Atmospheric Physics, Chinese Academy was among one of the six awardees. His winning project is titled as "Climate Impact of the Dynamical Driver and Thermodynamic Forcing of the Tibetan Plateau on the Outbreak of the Asian Summer Monsoon". This project made original contributions to the theory of the thermal impacts of the Tibetan Plateau on the Asian monsoon, and demonstrated in-depth understanding of the Tibetan Plateau and the Asian monsoon onset effects on the climate change.

Prof. Guoxiong Wu is the Deputy Director and Professor of State Key Lab of Numerical Modeling for Atmospheric Sciences and Geophysical Fluid Dynamics (LASG) at Chinese Academy of Science (CAS). He is a fellow of CAS and an Honorary Fellow of the Royal Meteorology Society. Prof. Wu is a world-known atmospheric scientist on weather and climate dynamics, including numerical modeling and data diagnosis.

Please see the followings links for details:

[http://www.tsaf.ac.cn/dt/bjhd/2014\\_bjhd.html](http://www.tsaf.ac.cn/dt/bjhd/2014_bjhd.html)  
[http://www.tsaf.ac.cn/hjqg/hjqg\\_kxj/2014/1776.html](http://www.tsaf.ac.cn/hjqg/hjqg_kxj/2014/1776.html)

Besides, no one won the Tan Kah Kee Young Scientist Award for Earth Science Award (陈嘉庚青年科学奖地球科学奖) this year. We hope a COAA outstanding young scientist will be nominated for this award next year.

## COAA Spotlight

### Interview of Prof. Renyi Zhang

This issue is featuring two COAA members, who are highly successful Chinese Scholars working abroad and who dedicated themselves on enhancing the Chinese visibility in the atmospheric and oceanic science community.

Prof. Renyi Zhang joined the faculty of Texas A & M University (TAMU) in 1997 and is now a university distinguished professor of the Dept. of Atmospheric Sciences and Harold J. Haynes chair in Geosciences; and professor of Chemistry, College of Science, and the Director of Center for Atmospheric Chemistry and the Environment at TAMU. He earned his Ph.D. from MIT and completed the postdoctoral training at Caltech/NASA Jet Propulsion Lab. Prof. Zhang's early research contributed to the understanding of the stratospheric ozone depletion and the formation of the "Antarctic Ozone Hole". His research at TAMU has led to important discoveries in several atmospheric fields – photochemical oxidation of hydrocarbons; formation, growth and properties of aerosols; urban and regional air pollution; ambient measurements of trace gases and aerosols; and assessment of aerosol-cloud-climate interactions. Prof. Zhang has published more than 171 peer-reviewed papers. He has been serving as editors for many journals including JAS and JGR-Atmosphere. Prof. Zhang received numerous awards, including honorary professorships at Peking Univ. and Fudan Univ., the Outstanding International Collaboration Researcher Award from the China National Science Foundation, the Bush Excellence Award for Faculty in International Research at TAMU and the Cheung-Kong Distinguished Scholar Award from the Ministry of Education – China. He is a Fellow of the American Geophysical Union.



Photo of Prof. Renyi Zhang

We are grateful to have Prof. Renyi Zhang agreed for an interview, where he shared some of his personal experiences and insights on how to pursue a successful career.

**Q:** How did you decide to study atmospheric and ocean science?

**A:** I started pursuing Meteorology, initially weather modification, since my parents were convinced that was a practical and useful area.

**Q:** Which accomplishments are you most proud of in your professional life, including your group achievements?

**A:** My biggest achievement is when I see my students are successful.

**Q:** What was the most memorable class you took that impacted your decision to go after atmospheric/ocean science?

**A:** The class of atmospheric chemistry that I took at MIT really inspired my interest in this area.

**Q:** What are your perspectives for future direction in our field?

**A:** I think that air pollution and climate change likely represent the largest challenges facing the mankind in the 21th

Century. Those fields have such tremendous impacts on our planet.

**Q:** What are your major advices to young scientists in our field?

**A:** Be persistent and hard-working. You would find out that research is really enjoyable when you solve scientific problems.

### COAA Spotlight Interview of Prof. Ming Xue

Prof. Ming Xue joined the faculty of Univ. of Oklahoma (OU) in 1999, and is now a professor in the School of Meteorology, the holder Weathernews Endowed Chair and the Director of the Center for Analysis and Prediction of Storms (CAPS), all of OU. Prof. Xue earned his bachelor and master degrees from Nanjing Univ., and his Ph.D. in meteorology with Prof. Alan Thorpe being his advisor from Univ. of Reading. His professional career is dedicated to the modeling, prediction and understanding of mesoscale and convective-scale weather systems. He is the lead developer of the Advanced Regional Prediction System (ARPS), which won the sole Discover Magazine Award for Technology Innovation in computer software category and the Computerworld Smithsonian Award in science category in 1997. ARPS is one of the most popular atmospheric models widely used for numerical weather prediction and data assimilation for the convective scales. Prof. Xue has been serving as the editors for various journals including co-chief-editor for *Advances in Atmospheric Sciences*. He has an adjunct appointment with the School of Atmospheric Sciences at Nanjing Univ. through the national "One Thousand Talent" (千人计划) of China and is leading a national "973" fundamental research project within China that seeks to elevate the

understanding and the prediction capabilities of convective weather systems of China (<http://scw973.nju.edu.cn/>).

We are fortunate to have this opportunity to interview Prof. Xue. Here we share some of his thoughts on building up a successful career path.



Photo of Prof. Ming Xue

**Q:** How did you decide to study atmospheric/ocean science?

**A:** I had loved physics since high school but was accepted into the meteorology program of Nanjing University. As I tried to do well in all physics and math courses, I gained increasing interests in the complex atmospheric system. I learnt that approximations had to be made to make the nonlinear physical equations tractable, making the subject of meteorology both a science and art.

**Q:** Which accomplishments are you most proud of in your professional life, including your group achievements?

**A:** A great portion of my professional life after Ph.D. evolved around ARPS, a complete mesoscale modeling and prediction system. I was fortunate to start from the first line of code for its dynamic core. I am happy that the model has helped the research of so many students and scientists. Working with graduate students and young researchers and watching them

grow scientifically as well as personally are perhaps the happiest things in my professional life. I have also had the privilege to work with many exceptionally talented students and scientists from China, and some of them have returned to China to play important roles.

**Q:** What was the most memorable class you took that impacted your decision to go after atmospheric/ocean science?

**A:** My junior high-school physics teacher was the one who motivated me to pursue a career in physical science. At Nanjing Univ., I was fortunate to have an excellent professor who just returned from U.S. and lectured the numerical weather prediction (NWP) course to us that was mostly based on a newly published book then (<Numerical Weather Prediction and Dynamic Meteorology> by Haltiner and Williams). The material taught was useful throughout my research career, and some of which I continue to teach to the American students as of today!

**Q:** What are your perspectives for future direction in our field?

**A:** The field of atmospheric science has become much more broad and interdisciplinary, and its impact on the society has also increased many folds. We atmospheric and oceanographic scientists therefore still have much work cut out for us, and we won't lose our job anywhere soon. The fear we might face is that our knowledge becomes insufficient or obsolete for dealing with the increasingly complex problems that we have to solve in our scientific career.

**Q:** What are your major advices to young scientists in our field?

**A:** The younger generation of scientists now has much more mature tools, in terms of both software and hardware, to use for

their research. I would strongly encourage them to seek in-depth knowledge in as many areas of relevance as possible, and do not be satisfied with being able to use many tools to just crank out numbers. Emphasize fundamental knowledge and skills, and find out ways to effectively apply them to gain deep understanding. Enhance systems and tools to improve our ability to foretell the nature and to adjust our way of life to avoid man-made disasters. Look inside yourself, find and apply your strengths, establish your niches and make yourself valuable and unique. Work hard while staying cheerful and happy!

### Call for nomination/volunteer of COAA Spotlight

“COAA Spotlight” is a new column featuring highly successful Chinese scholars and their groups working in the atmospheric, oceanographic or land sciences. This column is designed to share successful senior scientists' insights and experiences with the COAA members and friends (especially for early-career scientists or students). We now call for the nomination/volunteer for the next COAA newsletter to be released in September 2014. You are more than welcome to inform us if you want to be interviewed, or nominate your candidate. Although scientists working abroad with international recognitions will be considered with higher priority, scientists from mainland China, Taiwan, Hongkong, and Macau are also highly encouraged to participate.

Please send your recommendations to [news@coaaweb.org](mailto:news@coaaweb.org).

## Recent COAA member achievements

**Professor Chih-Pei Chang**, a COAA Founder Member, was awarded Honorary Membership of the Hong Kong Meteorological Society (HKMS). Professor Chang is a distinguished professor emeritus at Naval Postgraduate School and now the Research Chair at National Taiwan University. In its 25th anniversary celebration held in November 2013, HKMS awarded six scientists who were instrumental to its establishment a quarter century ago. The other honorary members are Mr. Patrick Sham and Mr. C.Y. Lam, Ex-Directors of the Hong Kong Observatory, Dr. Rick Anthes, President Emeritus of UCAR, Professor Ching-Yen Tsay then at National Taiwan University, and Professor Yihui Ding of China Meteorology Administration. (News source provided by Prof. Hung-Chi Kuo of National Taiwan Univ.)

**Dr. Baike Xi** from Univ. of North Dakota received AGU 2013 Editor's Citation for her outstanding service to the authors and readers of JGR-Atmosphere. Congratulations to Dr. Baike Xi! (News source provided by Prof. Xiquan Dong of Univ. of North Dakota)

**Dr. Zhe Feng** from Pacific Northwest National Lab (PNNL) won the AGU Editor's Citation for Excellence in Refereeing Award in May 2014, nominated by Prof. Chidong Zhang from Univ. Miami. Dr. Zhe Feng was one of the 2013 COAA best dissertation award winners. Congratulations to Dr. Feng!



## COAA's annual picnic announcement

COAA will hold its annual picnic event in the great Washington D.C. area. This is a traditional event that facilitates networking of local scholars and their families.

Time: August 31, 2014 (Sunday)

Location: Cabin John Regional Park

COAA will provide food and beverages. We will have a lot of fun together. If desired, you are welcome to bring and share your own food with other COAA members and families. More details will be provided through email news soon.

Please mark your calendar now!

## Call for contributions to COAA newsletter

COAA is made possible by your support and contribution. We would like to invite and encourage you to send us any news or info that you would like to share with the COAA community. These info and news include but are not limited to:

- Awards (received by you or your colleagues).
- Major achievements (by you, your colleagues, students, or staff).
- Workshops or conferences you or your organization will host.
- Important events or milestones of your lab/group/organization.
- Fun, educational, photogenic, or surprising photos (especially from the field).
- Local chapter news (interest, initiation, establishment, announcement and events report, etc.)

Please send your announcements to:

[news@coaaweb.org](mailto:news@coaaweb.org)

## Conference Announcements

**20<sup>th</sup> Conference on Satellite Meteorology and Oceanography of AMS** – COAA would like to draw your attention to the session of “Satellite Climate Data Records and Applications” in the 95<sup>th</sup> AMS annual meeting to be held in Phoenix, AZ in January 4-8, 2015. You are encouraged to submit a satellite climate data record related paper to this session. This is a joint session with the 20th Conference on Satellite Meteorology and Oceanography (20th ConSM&O), convened by Drs. X.-P. Tom Zhao (NCDC/CDRP), Ken Knapp (NCDC/RSAD), and Ken Carey (ERT).

Due to the fast advance in satellite observations in the past half century, climate observation is transitioning from the practice of individual, local, and short term to multiple, global, and long-term. Long-term consistent Earth satellite observation is becoming more and more critical for providing intelligent information for better detect, attribute, and predict the global climate change as well as for helping the society to respond and adapt the changes in a resilient fashion. This session seeks for the papers addressing the long-term satellite observations, long-term satellite climate data record (CDR) production and analyzing, and the applications of CDRs in the studies of climate and environment changes.

When you submit your abstract (<https://ams.confex.com/ams/95Annual/oasy.s.epl>, submission deadline is August 1, 2014), click the link to the 20th ConSM&O and a new page will pop-out with several session options, please select the Satellite Climate Data Records and Applications (the 2nd last in the session list). Please contact Dr. X.-P. Tom Zhao ([Xuepeng.Zhao@noaa.gov](mailto:Xuepeng.Zhao@noaa.gov)) for questions.

**17<sup>th</sup> Conference on Atmospheric Chemistry and 7<sup>th</sup> Symposium on Aerosol-Cloud-Climate Interactions of AMS** – These conferences will be held in January 4–8 2015, as part of the 95th AMS Annual Meeting in Phoenix, Arizona. A variety of session topics are proposed. The detailed call for papers is listed below. The abstract deadline is August 1, 2014. Please feel free to contact Dr. Jiwen Fan ([jiwen.fan@pnnl.gov](mailto:jiwen.fan@pnnl.gov)) for more questions.

The Conference on Atmospheric Chemistry is soliciting papers on all aspects of atmospheric chemistry and air quality, including field and laboratory measurements and chemical transport modeling from urban to global scales. This year the conference is organizing special session on the following topics:

1. Atmospheric Convection: Impact on Atmospheric Composition and Chemistry (organized by Jonathan Jiang, JPL)
2. Urban Chemical Cartography: Charting Spatial Gradients with Novel Measurement Platforms (organized by Eduardo Olaguer, HARC)
3. Cloud and Fog Chemistry, Biology, and Deposition (organized by Jeff Collet, CSU)
4. Atmospheric Reactive Nitrogen: Sources, Transport, Deposition, and Impacts (organized by Joel Thornton, UW)
5. Greenhouse Gas Emissions: Measurements, Processes and Impacts (organized by Abhishek Chatterjee, NCAR ; Sean Crowell, OU; Berrien Moore III, OU)
6. Marine Aerosols: Sources, Chemistry, Clouds and Climate (joint with 19th Conf. on Air-Sea Interactions and 7th Symp. on Aerosol-Cloud-Climate Interactions, organized Phil Rausch, PNNL and Nicholas Meskhidze, NCSU)
7. Soil dust: Lofting and Transport, Characterization, and Interactions with Clouds and Storms (joint with 7th Symp.

on Aerosol-Cloud-Climate Interactions, organized by Ottmar Moehler, KIT)

8. Air pollution observation and modeling in Mega-cities (joint with the Board on Urban Environment)

**The 7th Symposium on Aerosol-Cloud-Climate Interactions** will organize sessions related to the impacts of air pollution and natural aerosols on clouds, precipitation, circulation, and radiation, and in turn how these processes affect aerosols. The Symposium will include invited and contributed oral and poster sessions. It will provide a forum to review current research status on this subject, identify research needs, define research priorities and new research approaches, and facilitate dialogue among atmospheric chemists, physicists, and meteorologists to tackle research challenges in this important multi-disciplinary field.

Papers on all aspects of aerosol-cloud-climate interactions are solicited, with emphases on the following topics:

- Soil dust: Lofting and transport, characterization, and interactions with clouds and storms (joint with the Atmospheric Chemistry Conference)
- Marine aerosols: Sources, chemistry, and cloud-climate Interactions (joint with the Atmospheric Chemistry Conference and the Air-Sea Interaction (ASI) Conference)
- Climate engineering
- Chemistry, aerosol, clouds, weather and climate in Asia
- Aerosol formation and impacts on clouds and climate
- Cloud condensation nuclei (CCN) and ice nuclei (IN)
- Impacts of aerosol-cloud interactions on radiation
- Aerosol - deep convection interactions
- Aerosol impacts on cirrus clouds
- Aerosol impacts on shallow clouds
- Parameterizations of aerosol-cloud interactions in regional and global models

Graduate and undergraduate students are highly encouraged to submit an abstract describing your research. Cash prizes and a certificate from AMS will be awarded to outstanding first author presentations given by undergraduate and graduate students presenting their own original work. Students who wish to be considered for this prize must indicate their eligibility when submitting their abstract.

### COAA calls for your donation

COAA is a non-profit organization striving to serve the Chinese-American oceanic and atmospheric professional community. COAA relies on supports from its members, friends and sponsors. All donations are used to support activities organized by COAA to benefit its members.

**COAA calls for your donation through CFC. COAA's CFC Agency Designation Number is 60027.**

Please help COAA sustain the excellence in services to our dear members with prosperous future! Please go to <http://www.cfcnca.org> for your donation to COAA!

**For those of you who wish to donate outside of CFC, please visit COAA official donation webpage on COAA website <http://www.coaaweb.org/donate.php> to donate through Paypal.**

Donation receipts can be provided upon request. You may contact us directly after your donation.

Every help from you, no matter big or small, will be sincerely appreciated!

## Career Resources

**Faculty Positions Available at Sun Yat-sen University** - The Department of Atmospheric Sciences at Sun Yat-sen University (Zhongshan University), located in Guangzhou, China, seeks applicants for multiple faculty positions of various ranks (Assistant Professor, Associate Professor, and Professor). Qualified candidates should have Ph.D. degrees, preferably with post-doctoral experience, in atmospheric sciences or related fields. Applicants with expertise in atmospheric dynamics, atmospheric physics, and atmospheric chemistry are all welcome. Please send your curriculum vitae and a cover letter, which indicates the position rank that you wish to apply for, to Prof. Zhiping Wen, Head of the Department of Atmospheric Sciences at [eeswzp@mail.sysu.edu.cn](mailto:eeswzp@mail.sysu.edu.cn), or to Prof. Song Yang at [yangsong3@mail.sysu.edu.cn](mailto:yangsong3@mail.sysu.edu.cn).

**Research Associate Position Available at University of Maryland at Baltimore County (UMBC)** - The Joint Center for Earth Systems Technology (JCET) in cooperation of the Physics Department of UMBC seeks a Postdoctoral Research Associate to study the impacts of 3-D radiative transfer effects and cloud microphysical structures on satellite and airborne remote sensing of the properties of liquid-phase clouds. Specific objectives will also involve the assessment of biases and uncertainties in MODIS cloud property retrievals over mid- and high-latitude regions.

The position requires a Ph.D. in Atmospheric Sciences, Physics or related field. The candidate should have a firm fundamental knowledge of 1-D spectral (both solar and infrared) radiative transfer in cloud fields and are familiar with NASA's A-Train satellite data, including MODIS, CALIPSO and CloudSat. Experiences with 3-D radiative transfer models will be an asset. Strong programming skills in FORTRAN and IDL are highly desirable. This position will be based at UMBC's Physics Department and selection is contingent upon possessing appropriate visa status to meet requirements for employment.

For best consideration, submit electronically a cover letter (indicating the specific position number above), a complete curriculum vitae, home address, visa status (if applicable) and names and telephone numbers of three references by June 15<sup>th</sup>, 2014 (application materials for this position will be accepted until position is filled) to: Danita Eichenlaub, ([eichenla@umbc.edu](mailto:eichenla@umbc.edu)), Administrative Director, JCET, University of Maryland, Baltimore County, Suite 320, 5523 Research Park Drive, Baltimore, MD 21228.

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

### Upcoming AGU Election. Please vote for COAA members and friends.

This fall, AGU members will elect leaders for the next term (1 January 2015 through 31 December 2016). Elected AGU leaders play an essential role in decisions on how to better serve and engage members in the advancement of AGU's mission and vision. The following websites provide details about the upcoming election and information on all the candidates.

<http://elections.agu.org/>

<http://onlinelibrary.wiley.com/doi/10.1002/2014EO250005/pdf>

Several COAA members and friends are candidates for some AGU leadership positions. In particular, **Dr. Shuyi Chen** is running for Atmospheric Section Secretary, and **Dr. Xin-zhong Liang** is running for Global Environment Change Focus Group Secretary. Please cast your votes to them as early as possible to show our support to our members and friends.

## Donation of used books, journals, and publications

The Ocean College of Zhejiang University is with gratefulness accepting used books, journals and publications regarding all the related field of marine sciences and ocean engineering from COAA members and friends to enrich and diversify its newly-built library. This idea of donation to the newly established Ocean College and its students was suggested by the former COAA President Prof. Antony LIU who now is a Visiting Chair Professor at the Ocean College after retiring from NASA.

The Ocean College was officially established in December, 2012 to better serve and support State's ocean strategy and echo local government's requirements. Till today, Ocean College has made remarkable progress in terms of faculty numbers' recruitment, education, scientific research and international collaborations. A 56-hectare brand-new campus, exclusively for Ocean College, is now under construction at the island city of Zhoushan, Zhejiang Province. This modern eco-friendly campus will be ready for the first entrance of students by 2015.

The Ocean College enjoys a time-honored history with COAA. The late founding member of COAA, Dr. Jin WU, served as the head of Marine Science Centre of Zhejiang University in the years of 2005 to 2008. This Centre is known as the "predecessor" of the Ocean College. During the past years, several bilateral visits have taken place and the collaboration has been strengthened. The Ocean College is looking forward to closer ties with the preeminent COAA on a broader range of interests!

Your donation will be highly appreciated and of great significance for Ocean College to achieve its ambitious vision and to fulfill its commitment of pursuing the excellence.

A donation to the emerging minds is a gift for now and the future generation!

For more information, please contact:

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The shipping cost of the donation will be covered and reimbursed by the Ocean College.

If you have any questions, you may also contact COAA at [news@coaaweb.org](mailto:news@coaaweb.org).