



Association of Overseas Chinese Agricultural,
Biological, and Food Engineers (AOCABFE)

海外华人农业、生物与食品工程师协会

IMPACT

APR 2013
VOLUME 12 ISSUE 3



Highlights:

- ❖ AOC Board Meeting Minutes on Dec 14th, 2012
- ❖ Donation Request & Received
- ❖ Call for Student Award Nominations
- ❖ International Forum at CSAE 2013 Scheduled

More ...

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<http://www.AOC-web.org> <http://aoc.cau.edu.cn>

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IMPACT is an electronic newsletter of AOCABFE and is published quarterly to inform members within the association (or, other subscribers applied). We invite you to submit comments, story ideas or news to our editors.

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Message from President



Dr. Zhuping Sheng

DEAR AOC MEMBERS AND FRIENDS,

Happy spring and early summer!

Last three months the Board members worked diligently to initiate fund raising activities. Thank Dr. Zhongli Pan, Dr. Yubin Lan and others for their leadership in fund raising. We have received a donation from National Engineering Research Center for Information Technology in Agriculture (NERCITA), which will be the first named donation designated for the China Exchange forum. Thank Dr. Chunjiang Zhao and Dr. Liping Chen for securing such generous contribution.

It is time for you to nominate your colleagues for the AOC awards: Early Career Award, Distinguished Career Award and Outstanding Service Award. Please submit your nominations to Dr. Ning Wang, Past President by June 30, 2013. Award Committee will review the nomination and select award winners. AOC also recognizes student achievements with Graduate Scholarly Achievement Award, Graduate Leadership and Service Award. Please submit your nominations to Dr. Naiqian Zhang, Student Advisor, no later than July 1, 2013. Student paper competition is also on the way. If you have already submitted a paper to the 2013 ASABE Annual International Meeting (AIM) and are interested in participating in the AOC student paper competition, please send your paper and the entry form to Dr. Naiqian Zhang no later than July 1, 2013. See more details about these student awards in this issue. Thank Dr. Zhang for his leadership and kind support. We need volunteers to serve as judges to evaluate these papers.

To further extend cooperation with other sister organizations, AOC submitted a proposal to organize and cosponsor with ASABE and CSBE an international forum on Sustainable Agriculture: Perspectives of China, United States and Canada at CSAE biannual conference to be held in Zhenjiang, Jiangsu, China on August 18-20, 2013. CSAE is very supportive to this proposal. AOC, ASABE and CSBE are working with CSAE to finalize the program and confirm the invited speakers and delegates for this forum. Thank Dr. Yingkuan Wang for his coordination.

We received a good news from Dr. Yingkuan Wang, Executive Editor-in-Chief of International Journal of Agricultural and Biological Engineering (IJABE) that IJABE has been accepted and covered by Ei Compendex. This is a great honor and a big progress. Congratulations to all the Editorial Board members for such achievement. Thank Professors Maohua Wang and Roger Ruan, Editors-in-Chief and Dr. Yingkuan Wang for their leadership and dedication. We also appreciate supports provided by CSAE, CSAM, AOC members, authors and reviewers. IJABE is also under evaluation by Thomson Reuters Web of Science for SCI coverage.

With help of the Board members, Dr. Lingying Zhao has identified and invited keynote speakers to share their views and perspectives at the NERCITA China Exchange Forum on food, energy, and environment. Dr. Changying Li, Vice President, and Mr. Weiling Wang, SAC Chair have been working

together to select venue for AOC Annual Award Banquet, and Student Activities Committee Banquet, respectively. Please remember to register for the AOC annual award banquet when you register for the conference.

Thank all the Board members for their outstanding service and commitment.

Best Wishes,

Zhuping Sheng

President of AOC for the Year 2012-13

AOC Board Meeting Minutes on Dec 14th, 2012

Attendee (in alphabetical order by last name):

Liping Chen, Technology Cooperation Director
 Changying Li, Vice President
 Yebo Li, Membership Development Director
 Lie Tang, Website Committee Director
 Weilin Wang, Student Activity Committee Chair
 Lingying Zhao, President-Elect

Note Keeper:

Weilin Wang, on behalf of Jiantao Wei

Proposed Agenda (By Dr. Zhuping Sheng)

1. Call to order
2. Approve the agenda
3. Approve the September 21st board meeting minutes
4. 2013 Annual business meeting: Venue, Banquet place and budget (Changying)
5. 2013 China Exchange Forum (Lingying)
6. Nomination Committee – Awards and Honorary members (Ning Wang)
7. Impact Newsletter (Runbin Duan), including articles for Celebration of Achievement, Professor WANG Maohua, Academician
8. Website updates (Lie Tang)
9. Membership development (Yebo Li)
10. Financial status (Yufeng Ge)
11. Fund raising plan (Zhongli Pan)
12. SAC activities in 2012-2013 & Student Paper Competition (Weilin Wang, Naiqian Zhang)
13. IJABE (Yingkuan Wang)
14. Yangling International Academy of Modern Agriculture (Xiusheng Yang)
15. Other business
 CSAE Conference-International Exchange Session (Yingkuan)
16. Next conference call (3:00 PM CST, March 15, 2013)
17. Adjoin

1. Call to order

AOC Vice president Dr. Changying Li called the meeting to order and chaired the meeting on behalf of AOC President Dr. Zhuping Sheng since Dr. Sheng could not attend the meeting due to personal reasons. Dr. Changying Li commented that the meeting was not able to be held on Skype since some attendants didn't provide Skype accounts yet and also some board members can't get access to internet during the meeting period.

2. Approve the agenda

Skipped because the number of attendants did not meet the quorum. Voting will be conducted via emails.

3. Approve the September 21st board meeting minutes

Skipped because the number of attendants did not meet the quorum. Voting will be conducted via emails.

4. 2013 Annual business meeting: Venue, Banquet place and budget (Changying Li)

Dr. Changying Li updated the information regarding banquet preparation: forms for 2013 AOC business meeting (prepared by Dr. Changying Li) & China exchange forum (prepared by Dr. Zhao) have been submitted to ASABE and received by ASABE; the cost for having on-site dinner in the venue of 2013 ASABE meeting is unknown at this point but will be available in late January based on the conversation with Sharon McKnight). Sharon also said that the ASABE meeting will be held in Westin Crown Center in Kansas City (1 East Pershing Rd). A Google Map search showed that there are around 10 Chinese restaurants around the area, but all beyond 1.5 miles from the conference center (car transportation may be needed).

- Dr. Zhao commented that the cost for on-site dinner could be high.
- Dr. Chen commented that the environment of the restaurant is more important than food and buffet restaurant should be avoided.
- Dr. Yebo Li commented that student in Kansas might be able to help on searching the right restaurant.
- Weilin Wang promised that SAC will provide the help to identify a Chinese restaurant for the AOC banquet by next Board meeting.
- All attendants agreed that having banquet in an outside venue is manageable by carpooling and taxi. Budget and the price for the dinner ticket should be similar to the ones of the last year.

5. 2013 China Exchange Forum (Lingying Zhao)

Dr. Zhao reported her plan for organizing the 2013 China exchange forum. She proposed four topics: Energy, Environment, Food, and Education. Dr. Zhao will prepare a formal document for inviting potential speakers. Leading by Dr. Zhao, attendants had a brainstorm to think about the potential guest speakers & the organization of the forum:

- There will be eight speakers, and a balance of U.S. and China speakers is expected.
- All invited speakers should attend & register the ASABE 2013 annual meeting. ASABE will provide one day free meeting registration for invited speakers.
- It is not necessary for U.S. speakers having ongoing cooperation with China. It's also warranted if the speaker has strong intention to be connected with China in research or education.
- Assigning topics for speakers could be a good idea to improve the quality of the forum.
- Potential speakers identified: Education program (Dr. K. C. Ting); High-level overview of areas: (Zhang, Yuanhui); Corporation with China (Dr. Zhang, Ruihong & Dr. Pan, Zhongli); food (Dr. Pan, Zhongli).
- Dr. Zhao will invite one U.S. speaker, Dr. Yebo Li will invite two U.S. speakers in energy area; Dr. Wang, Yingkuan and Dr. Liping Chen will help identify 3-4 speakers in China.

6. Nomination Committee – Awards and Honorary members (Ning Wang)

Skipped.

7. Impact Newsletter (Runbin Duan)

Dr. Yebo Li commented that AOC should set up an email listserv (email group) reflecting the latest membership status. Dr. Changying Li and other attendants also supported the idea.

8. Website updates (Lie Tang)

Dr. Tang had a meeting with the website developer Ms. Guo, Yi. Yi demonstrated the basic operations for managing the website. AOC will manage the basic updates on the website by ourselves. For the substantial upgrade, Yi can provide assistance (might charge certain maintenance fee) until AOC identifies a long-term manager in our own people.

- AOC website was migrated to the new host from Yahoo host. Annual hosting fee is \$107.4.
- Dr. Tang will contact Dr. Ning Wang regarding the data back up of the old website.
- Dr. Tang will contact Dr. Zhuping Sheng regarding the latest upgrade comments.
- Dr. Liping Chen volunteers to help on maintaining the new AOC website.
- SAC will take care of upgrading the student part of the AOC website.

9. Membership development (Yebo Li)

All AOC membership forms were submitted to ASABE. AOC members (including student members) now can renew their memberships through the ASABE website. Current problem is how to fetch membership information from ASABE in a timely manner, since ASABE is somehow slow on sharing the membership information. Dr. Zhao commented that there might be some methods to get access to the ASABE database.

- Dr. Yebo Li expressed the opinion that AOC should have a group listserv, instead of using a list of email addresses.
- Dr. Changying Li suggested having several email groups, such as one group for faculty members and another one for students.
- Weilin Wang commented that SAC already set up a listserv for AOC student members using a Google group. SAC can help on setting up and managing the email list for the AOC faculty members.
- Dr. Yebo Li will share the AOC membership information with Weilin Wang for creating the email listserv.
- The board delegated President Dr. Sheng to lead SAC regarding the issue of creating the email listserv for faculty members.

10. Financial status (Yufeng Ge)

Dr. Changying Li forwarded Dr. Ge's message regarding the classification of the financial activities & the use of the two types of accounts. Dr. Yebo Li suggested discussing this issue through email since it might require a poll.

11. Fund raising plan (Zhongli Pan)

Skipped.

12. SAC activities & Student Paper Competition (Weilin Wang, Naiqian Zhang)

Weilin Wang reported the student activities in the past three months:

- SAC updated its email listserv with new member information, and strived to make it active, with a historical record of 2-3 emails per month.

- SAC conducted an interview with Dr. Changying Li and contributed an article for the last issue newsletter.
- SAC had the board meeting on Dec 9th, 2012.
- Three SAC members are serving as associate editors of the IMPACT newsletter.

SAC plans to upgrade its Facebook page and website pages. SAC will also assist Dr. Naiqian Zhang regarding the issues of student paper competitions.

13. IJABE (Yingkuan Wang)

Skipped since Dr. Yingkuan Wang had a trouble on calling in the meeting.

14. Yangling International Academy of Modern Agriculture (Xiusheng Yang)

Dr. Changying Li forwarded Dr. Sheng's message: Dr. Sheng sent an email and a hardcopy mail to YIAMA, but no response is received yet.

15. Other business

NA.

16. Next conference call (3:00 PM CST, March 15, 2013)

Approved.

17. Adjoin

The meeting adjourned at 5:20pm by Dr. Changying Li.

Donation Request Letter

March 5, 2013

Dear AOC Members and Supporters:

With your support and participation, AOC has successfully established for ten years and made significant contribution to our members and profession. Now we call for donations from you to AOC for sustaining the continued successful development and greater achievements of AOC.

AOC Foundation was founded in 2005. Its mission is to raise funds to promote AOC, to encourage and support scholars and students in China and abroad to participate in AOC activities, and to help academic institutions, industries and government agencies worldwide better understand and promote agricultural, biological and food engineering in China. To support the AOC Foundation, your donation can be used to name the following awards based on your wishes:

1. [name] Distinguished Career Award (\$10,000 for five year; \$20,000 for ten years);
2. [name] Early Career Award (\$10,000 for five year; \$20,000 for ten years);
3. [name] Distinguished Service Award (\$10,000 for five year; \$20,000 for -ten years);
4. [name] Graduate Scholarly Achievement Award (\$5,000 for five year; \$10,000 for ten years);
5. [name] Graduate Leadership and Service Award (\$5,000 for five year; \$10,000 for ten years);
6. [name] Student Paper Awards (\$5,000 for five year; \$10,000 for ten years);
7. [name] China Exchange Session at ASABE and AOC annual meetings (\$10,000 for five year; \$20,000 for ten years);

AOC Foundation will acknowledge our donors through the following channels:

1. Naming the awards and activities with donors' wishes;
2. Sending the acknowledgment letters with certificates to the donors by both emails and regular mails;
3. Acknowledging the donors on AOC websites;
4. Acknowledging the donors on *Impact*, the AOC newsletter;
5. Inviting donors to AOC annual meeting; and
6. Presenting plaques to the donors to acknowledge their contributions at AOC annual award banquets.

Attached are the two AOC donation forms for your use in making donations (Form 1 is for individual donation and Form 2 is for organization donation).

Thank you for your kind support to AOC.

Sincerely,



Dr. Zhongli Pan
AOC Foundation Director
Fundraising Committee Chair
Research Engineer & Adjunct
Professor
USDA-ARS-WRRC
University of California - Davis



Dr. Zhuping Sheng
AOC President
Department of Biological &
Agricultural Engineering
Texas A&M University



Dr. Lingying Zhao
AOC Elected President
Associate Professor
Dept. of Food, Ag. and
Biological Engr.
The Ohio State University



Dr. Ning Wang
AOC Past President
Associate Professor
Biosystems and Agri.
Oklahoma State University



Dr. Yubin Lan
AOC Past President
Research Engineer & Adjunct
Professor
USDA-ARS-SPARC-APMRU
Texas A&M University



Dr. Minli Yang
Professor
College of Engineering,
China Agricultural University

2013年3月5日

尊敬的海外华人农业、生物与食品工程协会（AOC）会员及支持单位和个人：

AOC承蒙大家的鼎力支持和参与，在过去的十年中取得了巨大的成绩，为会员和大家从事的事业作出了卓越贡献。为更好地为AOC的可持续性发展和取得更大成就提供强有力支持，AOC基金会向大家募捐。

AOC基金会成立于2005年，其宗旨是募集资金，用以鼓励海内外中国及相关学者和学生积极参与AOC的各项活动，并帮助和支持各国学术团体，工业界以及政府机构更好地了解和促进中国农业、生物与食品工程的发展。为表彰捐赠个人和团体（单位）AOC基金会为其捐赠提供以下奖项和活动的命名（名字可以根据捐赠者的愿望决定，超过\$30,000为永久命名）：

1. [名称]杰出成就奖（每五年\$10,000；每十年\$20,000）；
2. [名称]青年成就奖（每五年\$10,000；每十年\$20,000）；
3. [名称]杰出服务奖（每五年\$10,000；每十年\$20,000）；
4. [名称]学术成就奖（每五年\$5,000；每十年\$10,000）；
5. [名称]学生论文奖（每五年\$5,000；每十年\$10,000）；
6. [名称]学生领导才能与服务奖（每五年\$5,000；每十年\$10,000）；
7. [名称]ASABE 及 AOC 年会中中国交流专题论坛（每五年\$10,000；每十年\$20,000）。

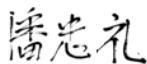
AOC基金会会通过以下方式对捐助组织或个人答谢：

1. 向捐款人发函和电邮件致谢并附上捐款证书；
2. 在 AOC 网站上公开致谢；
3. 在 AOC 通讯刊物“Impact”上刊登致谢或专访；
4. 邀请捐赠者或代表参加每年 AOC 年会；
5. 在 AOC 年会期间举办的颁奖宴会上为捐助者颁发荣誉奖牌。

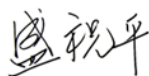
附件是AOC捐款的表格供您在捐款时使用（表1用于个人捐款，表2用于单位捐款）。

感谢您对AOC的支持。

祝好！



潘忠礼 Dr. Zhongli Pan
AOC 基金会主任
AOC 募捐委员会主席
研究员、兼职教授
美国农业部农业研究院
加州大学戴维斯分校



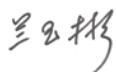
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杨敏丽 Dr. Minli Yang
教授
中国农业大学工学院

Association of Overseas Chinese Agricultural, Biological and Food Engineers (AOC) Donation Form

海外华人农业、生物与食品工程师协会捐款表 (Form AOC-F2013)

Donator			捐款人 or 单位		
Mailing Address and Phone umber			通讯地址和电话		
Total Donation (US dollar)	\$		捐款总额 (美元)	\$	
Name Award			奖项命名		
Pay Method	Check <input type="checkbox"/>	Bank <input type="checkbox"/>	Cash <input type="checkbox"/>	捐款方式	支票 <input type="checkbox"/> 银行转账 <input type="checkbox"/> 现金 <input type="checkbox"/>
Representative	Name		代理人	姓名	
	Title			职务	
	Phone			电话	
	Email			电子邮箱	
Signature:			签字:		
Date:			日期:		
Note / 备注					

Note:

1. Provide your detailed information for AOC to send you an acknowledgment letter and tax waiver document.
2. If you need tax waiver, please write your check payable to **ASABE** and note in the Memo of t check for **AOC Foundation**

Otherwise, write your check payable to **AOCABFE** and send your check to AOC Treasurer:

Dr. Yufeng Ge
609 Castlebrook Dr.
College Station, TX 77845 USA

For bank transfer, contact AOC Treasurer, Dr. Yufeng Ge.

注:

1. 为发给您捐款致谢函和免税文件, 请提供您和单位的详细信息。
2. 您若需要免税文件, 请写支票给:
ASABE 并且注明给**AOC基金会**
如不需要免税文件, 请写支票给**AOCABFE**
请把支票寄给AOC财务主任:

Dr. Yufeng Ge
609 Castlebrook Dr.
College Station, TX 77845 USA

若用银行汇款, 请与AOC财务主任葛玉峰博士联系。

News about Donation and Acknowledgement

News

Association of Overseas Chinese Agricultural, Biological, and Food Engineers (AOCABFE) recently received a donation of \$10,000 from National Engineering Research Center for Information Technology in Agriculture (NERCITA). The donation will be particularly used for NERCITA China Exchange Forum, the first named forum with NERCITA for next 5 years. The detailed introduction and contact information can be seen in the next page. The logo of NERCITA is shown as below:



Acknowledgement

Thank you, National Engineering Research Center for Information Technology in Agriculture (NERCITA), for your generous donation of \$ 10,000. Organization and individuals like you would make it feasible for us, Association of Overseas Chinese Agricultural, Biological, and Food Engineers (AOCABFE), to initiate and continue to NERCITA China Exchange Forum. Sincere thanks will be given to those potential donors in advance as well who warmly support our various activities to complete our commitment in the following years.

Runbin Duan, Ph.D., Editor-in-Chief of AOCABFE IMPACT Newsletter

China National Engineering Research Center for Information Technology in Agriculture

China National Engineering Research Center for Information Technology in Agriculture (NERCITA) was established in 2001 with the approval of the Ministry of Science and Technology of China. As a national research institution, it mainly engages in research and development of agricultural and rural informatization engineering technology. Based on the requirements of agricultural and rural development of China, the major mission of NERCITA is to make key technology innovation, establish technical platform and develop significant products for agriculture, which focus on five aspects: intelligent information processing technology, remote sensing and geographic information system, precision agriculture, biological environment control engineering and automation technology as well as fast detection techniques of agricultural product security and the monitoring technology of farmland environmental quality. The ultimate goal is to provide a powerful technological support for agricultural modernization and rural development.

NERCITA has 300 researchers under two independent management systems, Beijing Research Center for Information Technology in Agriculture and Beijing PAIDE Information Technology Co. Ltd. NERCITA consists of 14 departments, including Agri-software Engineering Dept., Intelligent System Dept., Remote Sensing Dept., Agri-GIS Dept., Environment Control Dept., Precision Agriculture Dept., Cartoon and Animation Design Dept., R&D Achievements Transfer Dept., and so forth. There are 4 laboratories focus in the field of Intelligent Information Processing, Virtual Agriculture, Digital Measurement and Control Technology as well as Internet of Things (IOT). The Key Laboratories of Agricultural Information Technology of Beijing and Ministry of Agriculture of the People's Republic of China (MOA), the Innovation Center for Information Technology of MOA and Post-doctoral Research Station were established in NERCITA. More than 40 postgraduate and doctoral students are enrolled here annually, cooperating with more than 20 universities.



Monitoring and Service Center for Internet of Things in Agriculture



Intelligent Perception Lab.



Digital Plant and Digital Entertainment Lab.

NERCITA occupies above 10,000 square meters, and has established the National Precision Agricultural Research and Demonstration Base (NPARDB) with an area of 167 hectares in Xiao Tangshan of Beijing. NPARDB is also the Key Field Scientific Experimental Station of MOA and the National Education Base of Precision Agriculture. NPARDB owns large-scale intelligent agricultural implements, GPS base station,

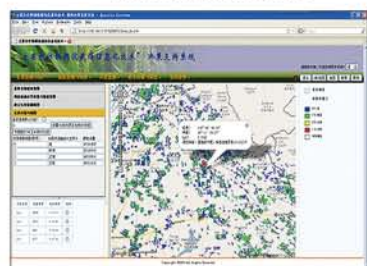


National Precision Agricultural Research and Demonstration Base



Lysimeter System for Crop Irrigation

monitoring station for soil moisture, intelligent monitoring and control of greenhouse, as well as the platform of precision fertilization and pesticide spraying test. NPARDB is the largest and most functional base in China for scientific research and demonstration of precision agriculture, 'satellite-airplane-earth' quantitative remote sensing. NPARDB provides a stable and opening experimental and research platform and is becoming the window of international academic exchange and cooperation.



Growth Monitoring System by RS

NERCITA has obvious advantages in agricultural intelligent system, precision agriculture, quantitative remote sensing in agriculture and the research and application of measurement and control technology in digital agriculture. NERCITA gradually formed a serial, packaged and standard technical product system based on more than 100 patents developed by itself, and well-known product brand, such as PAIDE®, PlantCAD® and NewFarmer®. NERCITA established more than 100 achievements transfer bases, which resulted in the technologies and products of NERCITA have been applied in 30 provinces of China and in southeast Asian nations. NERCITA has won more than 40 official awards, including 3 National Scientific and Technological and Technological Awards approved by the State Council of China, and the World Summit Award (e-Science) sponsored by ITU, UNIDO, UNESCO in World Summit on the Information Society (WSIS), Geneva, 2003.



World Summit Award



Metrological Management and Service System for Agricultural Machines



Series Product on Agricultural Intelligent System Platform



Field Information Collection System



Crop Virtual Design by PlantCAD®

Director & Chairman of Academic Advisory Committee: Professor Chunjiang Zhao

Address: Banjing, Haidian District, Beijing City

Tel: +86-10-51503423

E-mail: office@nercita.org.cn

Postal address: P.O. Box 2449-26, Beijing, P R China, 100097

Fax: +86-10-51503750

Website: http://www.nercita.org.cn

International Forum

International Forum on Sustainable Agriculture

Perspectives of China, United States and Canada

2013 CSAE Biannual Conference

August 18-20, 2013

Jiangsu University, Zhenjiang, Jiangsu, China

Sponsor: Chinese Society of Agricultural Engineering (CSAE)

Co-Sponsors:

Association of Overseas Chinese Agricultural, Biological and Food Engineers (AOCABFE)

American Society of Agricultural and Biological Engineers (ASABE)

Canadian Society for Bioengineering (CSBE)

Organizer: Jiangsu University

Time: One day forum (TBD)

Sustainable agriculture integrates three main goals - environmental health, economic profitability, and social and economic equity. Sustainability requires that we meet our present needs without compromising the ability of future generations to meet their own needs. A systems perspective is essential to understanding sustainability, which allows a larger and more thorough view of the consequences of farming practices on both human communities and the environment (Feenstra *et al.* 2011). The system is envisioned in its broadest sense, from the individual farm, to the local ecosystem, and to communities affected by this farming system both locally and globally. It is the responsibility of all participants in the system, including farmers, laborers, policymakers, researchers, retailers, and consumers to achieve the overarching goal of sustainable agriculture. Each group has its own role to play, its own unique contribution to make to strengthen the sustainable agriculture system.

In its 1st policy document for 2103, Chinese government has pledged to accelerate agricultural modernization and rural development. The efforts will be intensified to ensure grain supplies, increase farmers' income, improve their livelihood and push forward reforms in rural areas. Innovation in agricultural production and reform in management system are its core context in this rural policy document.

The sustainable agriculture movement has come a long way since the 1980s, both in the U.S. and in Canada. Sustainable agriculture was addressed by US Congress in the 1990 Farm Bill. Under that law, "the term sustainable agriculture means an integrated system of plant and animal production practices having a site-specific application that will, over the long term: satisfy human food and fiber needs, enhance environmental quality and the natural resource base upon which the agricultural economy

depends, make the most efficient use of nonrenewable resources and on-farm resources and integrate, where appropriate, natural biological cycles and controls, sustain the economic viability of farm operations and enhance the quality of life for farmers and society as a whole.” Though sustainable agriculture has not transformed American farming from an industrial to sustainable, as many of us had hoped would have happened by now, the movement has succeeded in sustaining many smaller, family farms that otherwise would have failed and it has commanded the attention of the agricultural establishment (Ikerd 2005). More efforts are ongoing, and most importantly, it has brought new hope for the future of farming in North America.

This international forum is to promote and facilitate information exchange among domestic and overseas scholars and policy makers on the theme of sustainable agriculture and perspective on international cooperation/collaboration. The forum will be jointly sponsored by CSAE, AOC, ASABE and CSBE. Topics of interest are associated with, but not limited to the following:

- Conservation and preservation of land and natural resources, such as water, soil and air;
- Biodiversity and ecological agriculture, including plants and animals as well as minimizing chemicals;
- Precision agriculture and intelligent equipment in agriculture;
- Food safety and security;
- Information agriculture, smart agriculture, and
- Changes in public policies, economic institutions, and social values in sustainable farming and food systems.

Coordinators:

CSAE: Mao Hanping (Jiangsu University), Yingkuan Wang

ASABE: Darrin Drollinger

CSBE: Qiang Zhang

AOC: Lingying Zhao, Changying Li, Yingkuan Wang, Zhuping Sheng

Contact at AOC: Zhuping Sheng, AOCABEF President, Texas A&M University, zsheng@ag.tamu.edu

List of Invited Guests and Speakers to be furnished:

Chinese MOA officer (CSAE):

USDA officer (ASABE&AOC):

Canadian MOA officer (CSBE):

US/Canada University Presidents: TBD

Invited Speakers by:

CSAE (ZHU, Ming, LUO, Xiwen):

ASABE (DROLLINGER, Darrin):

CSBE (ZHANG, Qiang):

AOC (SHENG, Zhuping): Yubin LAN, Ning WANG, Zhongli PAN, more ...

农业可持续发展国际论坛

中国，美国和加拿大的观点

中国农业工程学会2013学术年会

2013年8月18-20日

中国江苏省镇江市江苏大学

主办单位：中国农业工程学会（CSAE）

协办单位：

海外华人农业、生物与食品工程师协会（AOCABFE）

美国农业与生物工程师学会（ASABE）

加拿大生物工程学会（CSBE）

承办单位：江苏大学

时间：（待定）

可持续农业集成了三个主要目标 - 健康环境，经济效益，社会和经济平等。可持续发展要求我们能在不损害后代满足他们未来需求的能力的前提下满足目前的需要。用系统的角度理解可持续发展是至关重要的，这使我们能更广泛，更彻底认识农业耕作活动对人类社区和环境的影响（Feenstra 等，2011）。从广义上来说，系统可以设想为，从各个农户，当地的生态系统，以及在本地和全球范围内受这种种植养殖系统所影响的社区。系统中的所有参与者，包括农民，工人，决策者，研究人员，零售商和消费者都有责任来共同实现农业可持续发展的总体目标。每个群体都有自己扮演的角色，各自独特的贡献，使之强化可持续的农业系统。

中国政府在其2013年的一号政策性文件中承诺，加快推进农业现代化和农村发展。将进一步努力确保粮食供应，增加农民收入，改善他们的生活，并在农村地区推进改革。农业生产创新和管理制度的改革是这一农村政策文件的核心。

自20世纪80年代以来无论是在美国还是加拿大可持续农业运动已经走过了漫长的道路。可持续农业在1990年由美国国会列入农业法案。根据这项法律，“可持续农业是指一个特定地点的种植和养殖集成系统，它能长期满足人类粮食和纤维的需求，提升农业经济所依赖的环境质量和自然资源基础设施，最有效地利用不可再生的资源和农业资源，在适当的条件下整合自然的生态循环和控制因素，持续农业经营，以及提高农民和全社会大众整体的生活质量”。虽然可持续的农业运动并没有象我们很多人所希望的已经将美国农业从工业化转入可持续发展，但它已成功地维持了许多濒临失败的小规模家庭农场，它也帮助农业建设赢得了应有的关注（Ikerd 2005）。人们正在更加努力推动可持续农业，最重要的是，它给北美未来的农业建设带来了新希望。

本次国际论坛的主题是可持续农业与国际合作/协作展望，以推动和促进国内和海外的学者和决策者之间的信息交流。本次论坛将由中国农业工程学会，海外华人农业、生物与食品工程师协会（AOCABFE），美国农业与生物工程师学会（ASABE），和加拿大生物工程学会（CSBE）共同主办。与主题相关的议题包括，但并不限于以下几方面：

- 保持土地和自然资源，例如水，土壤和空气；
- 生物多样性和生态农业，包括植物和动物，同时尽量减少化学物质的投入；

- 精准农业和农业智能设备;
- 食品安全;
- 信息农业, 智能农业和
- 可持续农业和粮食系统的公共政策, 经济体制和社会价值观的变化。

协调人:

CSAE: 毛罕平 (江苏大学), 王应宽

ASABE: Darrin Drollinger, Director

CSBE: 张强

AOC: 赵灵英, 盛祝平, 李长缨, 王应宽

AOC联系人: 盛祝平, AOCABEF主席, 德克萨斯农工大学, zsheng@ag.tamu.edu

特邀嘉宾/讲员名单:

中国农业部官员 (CSAE):

美国农业部官员 (ASABE AOC):

加拿大农业部官员 (CSBE):

大学校长: (待定)

CSAE (朱明理事长, 罗锡文院士):

ASABE (Darrin Drollinger, Director):

CSBE (张强主席):

AOC (盛祝平主席): 兰玉彬, 汪宁, 潘忠礼, 其他讲员及参会者。

CALL for Student Award Nominations

Call for 2013 AOC Student Paper Competition and Award Nominations

By Weilin Wang, Naiqian Zhang, and Yebo Li

1. AOC Student Paper Competition

If you already submitted a paper to the 2013 ASABE Annual International Meeting(AIM) and are interested in participating in the AOC student paper competition, please send your paper and the "entry form" (http://www.aoc-web.org/images/Documents/SAC/entryform_2013.doc) to Dr. Naiqian Zhang of Kansas State University (zhangn@ksu.edu) no later than July 1, 2013. You can find the judging criteria (score sheet) that will be used to evaluate your papers from the same website. The top five winners will receive certificates as well as cash awards (\$150, \$125, \$100, \$75, and \$50, respectively). Please note that we only accept papers written for the 2013 ASABE AIM. Therefore, your paper must have a number assigned by ASABE.

2. AOC Graduate Student Awards

A. If you would like to be considered for the AOC Graduate Scholarly Achievement Award, please ask your major professor to nominate you. Check the web site <http://aoc-web.org/index.php/student-award> for the procedure and criteria. Send the nomination to Professor Naiqian Zhang no later than July 1, 2013. Note that your major professor does not have to be an AOC member, neither does he/she have to be a Chinese!

B. If you would like to be considered for the AOC Graduate Leadership and Service Award, you need to find an AOC member to nominate you. Note that this award can be nominated by ANY AOC member. That is, the nominator does not have to be a professor. Check the same web site for details. The deadline for nomination is also July 1, 2013. For both awards, the winners will receive certificates and cash (\$150 each).

Of course you must be an AOC student member to become eligible for these awards. To join AOC, simply download the application form from <http://aoc-web.org/Download/membershipform.pdf>, and send the form, together with a \$5 check (payable to AOCABFE), to Dr. Yufeng Ge, the AOC Treasurer (yg36@tamu.edu). Please note that being physically present at the AIM in Kansas City is not a precondition for any of these awards. In other words, you may submit an entry to the competition or be nominated for an award even if you do not plan to attend the 2013 ASABE AIM.



Editor Notes:

I am writing to say my warmest congratulations to International Journal of Agricultural and Biological Engineering (IJABE) on behalf of the editorial team of AOC IMPACT Newsletter. Congratulations on being indexed and abstracted by Ei Compendex starting from the first issue in 2013. May IJABE continue to strengthen its ability, capacity, and leadership to share its success with our academic communities in the following years. Therefore, we would like to take this opportunity to introduce more on IJABE in this issue.

Runbin Duan, Ph.D., Editor-in-Chief of AOCABFE IMPACT Newsletter

Warm congratulations on IJABE's inclusion in Ei Compendex

Written by Dr. Yingkuan Wang

IJABE has recently been included for abstracting and indexing in Ei Compendex after strict peer review and evaluation by the Compendex Scope and Coverage Committee. Warm congratulations on IJABE's coverage in Ei Compendex!

According to the 2013 Compendex Source List issued by Elsevier at its website (<http://www.ei.org/compendex>), 3681 titles have been included in the new Compendex Source List in 2013, with the increase of 145 journals, compared with 3536 titles in 2012. In China, there are 173 journals included in this 2013 Compendex list. In agricultural-related areas, there are 28 journals in the world.

Compendex is one of the most comprehensive engineering literature databases available to engineers. Compendex aims to be the most complete and comprehensive resource for research and trade literature in the field of Engineering, and, therefore additional titles are selected annually for inclusion in Compendex by the external, independent Compendex Scope and Coverage Committee, based on its collective professional expertise and background. In terms of journal inclusion criteria, overall quality must be high. Assessment of a journal's quality may include, but is not limited to, the following: Authority: including the reputation of a commercial or society publisher, the affiliation of authors and the existence of/affiliation of an editorial board.

热烈祝贺OA期刊IJABE被Ei Compendex收录

据Ei Compendex官方网站消息，2013年Compendex收录源期刊目录已经发布 (<http://www.ei.org/compendex>)。在此收录期刊目录中，基于开放存取的国际英文刊International Journal of Agricultural and Biological Engineering (IJABE, 《国际农业与生物工程学报》)经过Compendex范围与收录委员会严格评审已经被Compendex成功收录。在此，热烈祝贺IJABE被Compendex收录！

根据Elsevier发布的2013年Compendex评估收录期刊名单 (2013 Compendex Source List issued by Elsevier at its website (<http://www.ei.org/compendex>)), 2013年总计被Compendex收录期刊3681种，其中，收录中国的期刊173种，相对2012年的收录总数3536种，增加了145种。经过检索统计发现在2013年Compendex收录的期刊中，全球与农业有关的期刊总计28种。

COMPENDEX, 即COMPUtERized ENgineering InDEX, 计算机版的工程索引，也就是工程索引的核心版。工程索引是世界上著名的工程技术类综合性大型文摘型检索系统，是目前全球工程领域最全面的二次文献数据库。Compendex包含选自65个国家的6500多种工程类期刊、会议论文集和技术报告的超过1500万篇论文的参考文献和摘要。该数据库涵盖工程和应用科学领域的190个学科，涉及核技术、生物工程、交通运输、化学和工艺工程、照明和光学技术、农业工程和食品技术、计算机和数据处理、应用物理、电子和通信、控制工程、土木工程、机械工程、材料工程、石油、宇航、汽车工程以及这些领域的子学科与其他主要的工程领域。网上可以检索到1884年至今的文献。数据库每周更新数据，每年增加1百万条文献纪录，以确保用户可以跟踪其所在领域的最新进展。

Compendex旨在为工程领域提供最全面、最综合的研究和商业文献。因此，通过外部独立的Compendex范围与收录委员会 (Compendex Scope and Coverage Committee) 基于其集体专业知识和研究背景，来评审每年新增加的期刊。关于期刊收录标准，期刊的整体质量必须高。评价一种期刊的质量包括但不限于以下方面：权威性，包括商业或学会出版者、作者所在的机构和编辑委员会的声誉等。

(IJABE执行主编 王应宽教授 供稿)

基于开放存取的国际英文刊IJABE发展简报-2013

《国际农业与生物工程学报》(International Journal of Agricultural and Biological Engineering, IJABE, <http://www.ijabe.org>)创刊于2008年。该刊是一本中美合作的国际英文刊,由中国农业工程学会(CSAE)和(美国)海外华人农业、生物与食品工程师协会(AOCABFE)共同主办,是中国农业工程学科领域乃至国内第一本真正意义上的创建型开放存取(Open Access)学术期刊,同时出版网络在线版和印刷版(国际刊号ISSN1934-6344/eISSN1934-6352)。创办农业工程国际英文刊不仅能够满足发表高水平学术论文和走向国际的现实需要,还填补中国农业工程领域国际英文刊的空白。

国际英文刊IJABE现为季刊,每年出版4期。截至2012年底,累计出版5卷18期,刊载文章160余篇。所刊载的论文作者除主要来自中国和美国以外,还包括加拿大、德国、英国、爱尔兰、巴西、印度、日本、泰国、伊朗、埃及、尼日利亚等20多个国家的作者,2012年国际稿占90%。

英文刊IJABE注册了独立国际域名,建立了期刊网站(<http://www.ijabe.org>),采用开放期刊系统OJS软件。据最新网站流量监测统计,IJABE网站访问者包括来自美国、英国、印度、爱尔兰、加拿大、德国、法国、荷兰、瑞典、瑞士、波兰、丹麦等九十多个国家或地区的同行专家。目前已有注册用户8000多人,其中审稿专家5000多人。经过5年多的运行,网站的累积浏览量已超过40万次,其中包括8.5万多个独立IP地址的10万多名独立访客。

IJABE成立了国际化的编委会,由来自46个国家的300多名国内外知名专家组成,包括美国工程院院士、欧洲科学院院士及爱尔兰皇家科学院院士、中国工程院院士、教育部长江学者特聘教授、“千人计划”引进人才、学界精英等知名专家学者。为保证文章的高质量,履行严格的同行评审,平均退稿率达70%(即录用率30%)。期刊采用网上在线同行评审系统,全体编委会成员、评审专家及编辑部工作人员坚持为作者服务、为读者服务的宗旨,在保证国际同行评审质量的前提下,争取加快评审进程,缩短时滞,尽可能第一时间将各国作者的优秀科研成果刊登出来,提供开放访问,实现学术成果的快速传播和广泛共享。

截至2013年3月，英文刊IJABE已先后通过评估被二十余家国际知名的检索系统和网络平台收录，包括美国《工程索引》(Ei Compendex)，美国《化学文摘》(Chemical Abstract)，美国《学术期刊集成全文数据库》(EBSCOhost databases)的4个数据库Academic Search Complete, Academic Search R&D, Academic Source Complete, and Food Science Source，美国国家农业图书馆的“农业在线获取”文摘索引(AGRICOLA)，美国剑桥科学文摘(CSA)，世界粮农组织农业索引AGRIS, 英国《国际农业与生物科学研究文摘》(CABI, Centre for Agriculture and Bioscience Abstracts) CAB Abstracts Databases及其全文数据库CAB Full Text Repository，英国《物理、电子学和计算文献数据库》(Inspec Database)，荷兰《斯高帕斯数据库》(Scopus)，即Elsevier Bibliographic Databases，《俄罗斯文摘》(Abstract Journal, VINITI RAN)，波兰的《哥白尼索引》(Index Copernicus, IC)，科罗拉多研究图书馆联盟-开放存取数字图书馆(Colorado Alliance of Research Libraries-Open Access Digital Library)，谷歌学术搜索数据库(Google Scholar)，ProQuest, OCLC, Socolar等。同时，IJABE还被链接到世界最大的开放存取期刊平台Directory of Open Access Journal (DOAJ)和J-Gate以及美国《乌利希期刊指南》(Ulrich PD, Ulrich's Periodicals Directory)。截至2012年底，IJABE所刊载的161篇文章全部可以在Web of Knowledge数据库中检索到，论文被其他SCI收录期刊引用总次数达174次，平均每篇文章引用系数为1.08，最高被引系数(h-index)是7。其中2009年发表的Yi Zheng, Zhongli Pan, Ruihong Zhang的一篇文章被其他SCI收录期刊累计引用44次。根据检索系统收录、引用情况和Scopus收录期刊影响力排序，与国内同行期刊比较，IJABE已经位于中上游水平；与国际期刊相比，IJABE已经进入农业工程学科中被SCI收录的期刊的中等水平行列，具有国际知名度。IJABE虽然创刊时间不长，但进步迅速，成效显著。

IJABE的快速发展得益于编辑团队的不懈努力和开放存取的办刊模式。在此，要特别感谢主编、栏目主编、副主编、全体编委和审稿专家的支持！感谢主办单位和协办单位的大力支持！

(IJABE执行主编 王应宽 供稿)

The following three pages are attachments related to IJABE: Letter from Elsevier, a sample cover of IJABE, and IJABE acknowledgement.

8th April 2013



International Journal of Agricultural and Biological Engineering will be covered in Elsevier products

Dear Prof. Wang Yingkuan,

Elsevier is happy to inform you that the above-mentioned title has been accepted for coverage in Compendex starting with 2013 material. We intend to index and extract data from the full text article and integrate such data in these product(s). Note that we never make the full text available to our customers or other third parties, although we require access to the full text for purposes of indexing and extraction.

Coverage in Elsevier product(s) increases dissemination of authors' work via linking technologies which drive additional traffic to individual articles, promoting journal brand awareness, subscription, and pay-per-view sales. In short, the benefits are high visibility to a global audience, fast online dissemination of content and increased exposure and profile for authors, editors and your publishing organization. In light of this, we appreciate it if you would consider granting us a complimentary subscription.

It would be greatly appreciated if we could set up an online-only subscription (if available), so that we may ensure that your source material is covered by our services with optimal currency. Alternatively, PDF files can be sent via email or uploaded to our FTP server. Please feel free to contact us if you require any other assistance at bd-scm@elsevier.com

Thank you in advance for your cooperation and I look forward to hearing from you.

Yours sincerely,

A handwritten signature in blue ink, appearing to read "M. Berkhof", with a horizontal line underneath.

Monique Berkhof
General Manager, E-Operations, Amsterdam
Elsevier B.V.
Bibliographic Databases
Radarweg 29
1043 NX Amsterdam
The Netherlands

* *Elsevier product(s) include among others Scopus*(www.info.scopus.com),*EMBASE* (www.info.embase.com), **Engineering Village** (www.ei.org)*and Reaxys* (www.info.reaxys.com).*For an overview and details of other Elsevier products please visit www.elsevier.com.*



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Association of Overseas Chinese Agricultural,
Biological and Food Engineers

Sugarcane Machinery of SCAU



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Anhui Agricultural University
China Agricultural University
East China Jiaotong University
Fujian Agriculture and Forestry University
Heilongjiang Bayi Agricultural University
Henan Agricultural University
Henan University of Science and Technology
Huazhong Agricultural University
Hunan Agricultural University
Inner Mongolia Agricultural University
Jiamusi University
Jiangsu University
Nanjing Agricultural University
Northwest Agriculture and Forestry University
Northeast Agricultural University
Qingdao Agricultural University
Shandong University of Technology
Shanxi Agricultural University
Shenyang Agricultural University
Shihezi University
National Engineering Research Center for Information Technology in Agriculture
State Key Laboratory of Soil Erosion and Dryland Farming on the Loess Plateau
South China Agricultural University
Southwest University
Tongji University
Xi'an University of Technology
Yunnan Normal University
Zhejiang Sci-Tech University
Zhejiang University
Zhejiang University of Technology

HAPPY NEW YEAR

www.ijabe.org ISSN 1934-6344 eISSN 1934-6352

Conferences Information

2013 Symposium on Agriculture and Food Engineering (AFE2013)

www.engii.org/cet2013/

Paper or Abstract Submission Due: **Jul. 4, 2013**
Oct. 25-27, 2013 Sanya, China

2013 Symposium on Agriculture and Food Engineering (AFE2013), to be held from October 25 to 27, 2013, in Sanya China, is one of the special tracks within the World Congress on Engineering and Technology (CET2013). The aim objective of AFE 2013 is to provide a platform for researchers, engineers and academicians from all over the world to present their research results and development activities in Agriculture and Food Engineering.

Topics

Agriculture Engineering

- Δ Biotic Environment in Agriculture and New Energy in Rural Area
- Δ Combinatorial Linear Algebra
- Δ Combinatorial Problems
- Δ Agricultural Water-Soil Engineering

Food Engineering

- Δ Food Science and Engineering
- Δ Food Biotechnology
- Δ The Quality Analysis and Detection Technology in Food Materials
- Δ Food Processing
- Δ Food Safety

Publication and Presentation

All the accepted papers will be published by "[Agricultural Sciences](#)" (ISSN: 2156-8553), a peer-reviewed open access journal that has been tracked for impact factors by Thomson Reuters (ISI) and indexed by Google Scholar, Academic keys, CrossRef, etc..

If you want to present your research results but do NOT wish to publish a paper, you may simply submit an Abstract to our Registration System.

Registration Fee

- ◇ Regular Registration with Full Paper: **Publication USD 400 (RMB 2500) per Paper**
- ◇ Student Registration with Full Paper: **Publication USD 350 (RMB 2200) per Paper**
- ◇ Simple Attendance: **USD 200 (RMB 1200) per Person**

CET Organizing Committee

Prof. Sam Zhang, Nanyang Technological University, Singapore

Prof. Nickolas S. Sapidis, University of Western Macedonia, Greece

Prof. Edwin Wang, National Research Council, Biotechnology Research Institute, Canada

Prof. Vinod Kumar Gupta, Indian Institute of Technology, India

Dr. Can Quan, Division of Chemistry, China National Institute of Metrology, China

For more information, you can refer to: www.engii.org/cet2013/OrganizingCommittee.aspx

Call for Speakers and TPC Members

If you wish to serve the conference as an invited speaker or a TPC member, please send email to us with your CV and photo. We look forward to your constant support and initiative in improving the quality of the conference.

Contact Us

The Secretary of CET

E-mail: cet@engii.org

Tel: [+86-18627737240](tel:+86-18627737240)

中国农业工程学会2013年学术年会（CSAE 2013）第一轮通知

农工学发〔2013〕4号

各位理事，各省、市、自治区农业工程学会，各专业(工作)委员会，各有关单位，各有关专家：

2013年中国农业工程学会学术年会（CSAE 2013）定于2013年8月18~20日在江苏镇江江苏大学召开。现将有关会议事项通知如下：

一、会议主办单位

中国农业工程学会

二、会议承办单位

江苏大学

三、会议时间

2013年8月18日报到，19~20日开会

四、会议主题

创新农业工程科技 推动现代农业发展

五、会议专题

会议将围绕以下7个专题征集论文与组织会议交流研讨：

1. 农业机械化与现代农业装备
2. 农业水土工程科技创新与节水高效农业发展
3. 设施农业转型发展与生物环境工程
4. 农业电气化与信息化(A:农村智能配电网技术；B:农业农村信息化技术)
5. 农产品贮藏加工与生产安全工程
6. 生物能源利用与美丽家园建设
7. 创新良田工程科技 重构现代农业基础

六、论文征集

中国农业工程学会2013年学术年会征集论文通过网络提交。

1、提交时间：2013年5月15日前提交400字以内的论文摘要；

2013年6月15日前，大会学术委员会完成摘要审核工作并通知论文作者；2013年7月20日前提交论文全文（论文格式以网站上公布的《农业工程学报》格式为准）。

2、提交方式：请登录中国农业工程学会网站www.csae.org.cn，进行论文摘要及全文提交。

1) 已在网上注册的用户（包括中国农业工程学会高级会员、会员、学生会会员），请在首页上“由此登录”处输入用户名和密码，然后点击“相关专题”处“中国农业工程学会学术年会”或“会议论坛”处“中国农业工程学会2013年学术年会”，进入网页后点击左侧栏“会议征文”，按网页提示步骤提交即可。未在网站上注册的用户，请直接点击“相关专题”处“中国农业工程学会学术年会”，进入网页后点击左侧栏“会议征文”，按网页提示步骤填写个人详细资料，提交即可。

2) 提交论文作者请于2013年6月15日后登录网站，在首页上“由此登录”处输入用户名和密码，点击“查看论文信息”，摘要通过审核后即可上传全文。

3) 论文模版可从“中国农业工程学会学术年会”专栏“会议征文”处下载。

4) 论文集：会前编辑出版会议论文摘要，论文全文将制作成光盘于会议报到时发给注册参会代表。

5) 如在提交过程中有疑问，请咨询主办或承办单位联系人。

七、入会事宜

中国农业工程学会会员参会，会议注册费将给予优惠。

欢迎农业工程各界人士入会并参加会议。入会详情请登陆中国农业工程学会网站www.csae.org.cn或与学会

秘书处联系。

八、2011~2013农业工程学科成果，学科发展热点、难点问题征集

年会期间将举办农业工程学科成果展示会。请各专业委员会委员负责提供本分支领域相关材料，并于2013年5月30日前报送学会秘书处。报送邮箱：hqcsae@agri.gov.cn，csaezxt@126.com。

征集范围及要求：2011~2013农业工程学科获得国家科技奖励的成果介绍，每页500字左右；农业工程学科发展热点及难点问题，1000字左右。

鼓励各专业委员会提供照片，照片大小至少500K，图注内容要准确。

欢迎社会各界人士提供征集信息。

九、会议年会期间其它相关活动

1、召开中国农业工程学会九届二次理事会、2013年全国农业工程学会理事长、秘书长工作会，交流学会工作。

2、专业委员会活动。请拟在年会期间开展活动的专业委员会于2013年6月30日前通知学会秘书处。

十、联系方式

1. 承办会务单位：江苏大学

地 址：江苏省镇江市

电 话：88791214

传 真：88797338

联系人：黄文岳

E-mail：csae2013@163.com

2. 主办单位：中国农业工程学会

地址：100125北京市朝阳区麦子店街41号

电话：010—65929450 65910066转3502

传真：010—65929450

联系人：张晓彤 武耘

E-mail：hqcsae@agri.gov.cn csaezxt@126.com

请各省、市、自治区农业工程学会，各专业(工作)委员会，会员单位，各有关单位、企业及学术组织认真组织会员和科技人员撰写论文并参加会议。

中国农业工程学会

2013年3月25日

Job Opportunities

ASSISTANT PROFESSOR – PRECISION AGRICULTURAL TECHNOLOGIES

Salary: Open

Location: Manhattan, Kansas

Employer: Kansas State University

Type: Full Time - Entry Level

Categories: Agricultural Engineering, Agriculture - Power / Machinery

Preferred Education: Doctorate

Position Responsibilities: Develop and conduct a nationally recognized extension and teaching programs.

Job Description:

Extension and research program in one or more of the following precision technology core areas:

- Application and utilization of robotic technologies in precision agricultural
- Utilization of technologies such as yield monitors, field mapping, data analysis and GIS data for site specific agriculture, horticulture or other industries
- Application and understanding of guidance systems in off-road equipment
- Utilization of technologies such as controls and sensors for variable rate applications
- Development of field experiments as related to precision technologies

Academic program will include:

- Develop and teach course(s) related to precision technologies
- Advising undergraduate and graduate students with an interest in precision technologies
- Provide mentorship and guidance to undergraduate extracurricular activities

The candidate is expected to develop an integrated extension and teaching program of excellence. The candidate is expected to provide leadership in the development of an interdisciplinary team focusing on utilizing and applying precision technologies in agricultural systems. The successful candidate will develop and conduct a statewide extension program that addresses precision agricultural technologies related to the production of agricultural commodities and value-added products. The individual is expected to generate the necessary extramural support for program development, to provide leadership to the profession through national and international professional society participation, and to collaborate with faculty in the BAE department and other related units in the university as well as industry, national lab and other universities. The individual will work with extension professionals, agricultural producers, industry professionals, commodity organizations, and university researchers and develop curricula, educational materials, and other support for extension educational programs.

Notes:

Additional Salary Information: Rank and salary commensurate with qualifications and experiences

Requirements:

Qualifications: Required: Ph.D. (tenure track appointment) in disciplines such as biological, agricultural, biosystem, or mechanical engineering or a closely related field is required - PhD degree in an engineering discipline. The successful candidate should have a solid background in one of the focused areas mentioned above and demonstrated record of scholarship and evidence of potential to secure extramural funding, and be able to perform and publish high quality integrated work. Excellent speaking and writing skills, an ability to teach effectively at the undergraduate and graduate levels, and an ability and desire to work collaboratively in

interdisciplinary environment are expected.

Preferred: Record of success in securing extramural funding; Eligibility to be licensed as a professional engineer; Knowledge of Midwest USA agricultural machinery systems.

Postdoctoral Research Scholar, Energy, Environmental and Chemical Engineering

Salary: Open

Location: St. Louis, Missouri

Employer: Washington University in St. Louis

Type: Full-time - Experienced

Job Description:

EOE Statement:

Washington University in St. Louis is an equal opportunity, affirmative action employer and encourages applications from women, ethnic minorities, veterans, and individuals with disabilities.

Essential Functions:

A highly motivated Postdoctoral Research scholar is sought to fill an available position in the Zhang Lab in the department of Energy, Environmental & Chemical Engineering. The overall goal is to engineer microbes, especially cyanobacteria, for the production of advanced biofuels from CO₂ or biomass. There are several projects available including engineering synthetic biology tools to promote biofuel production, engineering metabolic pathways in cyanobacteria, and engineering a consolidated bioprocess.

Required Qualifications:

Ph.D. degree with functional skills in standard molecular biology and microbiology techniques. Work independently, highly motivated, and strong responsibilities to the lab. Establish and maintain effective working relationships with other lab personnel and collaborators.

Preferred Qualifications:

Experience in synthetic biology or cyanobacteria is a plus.

Department Summary:

For more information, visit our website: <http://dev.zhang.eece.wustl.edu/>

Salary Range:

The hiring range for this position is commensurate with experience.

IMPACT Notes

- IJABE call for papers: AOC members are encouraged to submit their research findings to International Journal of Agricultural and Biological Engineering. Please refer to the following website or contact Dr. Yingkuan Wang, Executive Editor-in-Chief of IJABE for details. IJABE has been accepted and covered by Ei Compendex, and the papers published in IJABE will be indexed and abstracted from the first issue of 2013. IJABE has also been covered by over 20 international famous indexing databases through our unremitting efforts. Currently IJABE is under evaluation by Thomson Reuters Web of Science for SCI coverage. <http://www.ijabe.org/index.php/ijabe/about>
- Call for newsletter information: AOC members are encouraged to share their successful stories, employment information, conference information, with other AOC members through IMPACT Newsletter ...
- AOC Membership is now available on ASABE. http://www.asabe.org/media/125440/aoc_membership_application_form-2012.pdf
- AOC Website has been upgraded. Please review the contents and share your suggestions and comments with Dr. Lie Tang, Chair of the AOC Website Committee so that we can continue to improve our website.