



# Inside ASABE

News for and about ASABE members

October 31, 2018

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## From the Executive Director



When I write this monthly column, I try to focus on more than just my recent travels, but I've had such invigorating visits in the past few weeks that I have to share them. At the start of October, more than 300 ABE professionals from around the world gathered in Hyderabad, India, for the Global Water Security Conference for Agriculture and Natural Resources. ASABE sponsored this event in conjunction with the Indian Society of Agricultural Engineers (ISAE), and it was a huge success toward meeting our Global Engagement goals and

WELCOME  
New  
Members!

September  
2018

Click to see who's  
joined  
your network of  
colleagues

raising the profile of our profession. Keep an eye on the conference [website](#) as we post follow-up information and opportunities to engage.

Immediately after the India trip, with little time to repack, I headed to the Texas Section meeting, where I presented an update on Society activities on behalf of President Maury Salz. More than 65 eager attendees took part in the full-day conference and a second day of technical tours. Healthy and high-functioning sections like Texas are critical to a strong ASABE.

Most recently, I participated in the World Food Prize event in Des Moines, Iowa. There is much that I could share about this event, but one highlight was the presentation of the Borlaug CAST Communication Award. This year's winner is ASABE member Marty Matlock. Marty gave an inspired keynote titled "The Promise of Prosperity from the Land in the 21st Century." Afterward, ASABE and the American Society of Agronomy organized a panel on "Global Sustainability for a Vibrant Earth." Jan-Hendrik Mohr with CLAAS represented ASABE on the panel, which focused on sustainability, land stewardship, and consumer communication. Click [here](#) to read more about this event.

Just a reminder: The electronic dues renewal will be going out soon, so look for it in your inbox.

Darrin J. Drollinger  
Executive Director

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### **ASABE Membership: A Great Value Made Even Better with Prompt Renewal**

Your 2019 dues invoice is now available for online payment. If you pay before midnight EDT, November 26, your name will be entered into a drawing to receive one of five \$100 MasterCard gift cards. The drawings will take place Monday, November 27, and the winners will be notified by e-mail. Paying your dues is easy. Simply login from [www.asabe.org](http://www.asabe.org), select "Renew Now," and pay with a credit card via our secure server. You may also phone (800/371-2723 or 269/932-7005), fax (269/429-3852), or mail your renewal. Prefer to wait for a copy of your invoice by mail? It will be sent to you toward the end of November.

As always, thank you for your continued support.

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### **Upcoming Changes, Key Dates for the Agricultural and Biological Engineering PE Exam**

In 2014, the National Council of Examiners for Engineering and Surveying converted the Fundamentals of Engineering exam, commonly known as the *FE*, to computer-based testing (CBT). Since that time, each engineering discipline offering a Principles and Practices of Engineering exam—that is, a PE exam—has been working to convert its respective exam to CBT format as well. This major format update to *all* PE exams results in some changes for engineers looking to get their professional engineering license.

For agricultural and biological engineers, the implications include:

- The last paper PE exam for agricultural and biological engineers will be administered in April 2020.
- A Supplied Reference Handbook (SRH) is being developed that compiles reference material needed to solve every problem on the exam. This SRH will be available for the April 2020 paper exam (and all CBT exams

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DATE**



**AGRICULTURAL  
ENGINEERING  
TECHNOLOGY  
CONFERENCE**

February 11-13, 2019  
Omni Louisville

following). Candidates will be able print the SRH and bring with them to the exam like any other reference. Comments will be sought from exam candidates on possible improvements needed in the SRH.

- The first CBT format agricultural and biological engineering exam will be administered in October 2021. The exam will be presented on one screen, and the SRH will appear on a second screen as a PDF document. A small set of ASABE standards will also be available as part of the SRH used in computer-based testing.
- Preparation tools are continually being updated. These are available on the ASABE [website](#).
- The incentive program for first time and repeat ag/bio engineering PE exam candidates will continue to be offered. Get paid to take the ag/bio engineering PE exam! More information about the incentive program is available at the link above.

The Engineering Licensure committee, EOPD-414, has been working hard for ASABE members to make the transition as smooth as possible. Over the next few months, *Inside ASABE* will be featuring articles explaining the changes mentioned above in further detail. ASABE members looking to gain licensure in the coming years should be pleased with the outcome of the efforts of EOPD-414. Every item in the item bank will be evaluated against the SRH material to ensure examinees will have access to a reference for solving each problem.

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### New! Emeritus Membership Category

Longtime members are the backbone of the Society, making valuable contributions and accumulating institutional wisdom that strengthen the organization. ASABE wants to encourage your continued involvement even as you transition to retirement. That's why we're pleased to announce the new Emeritus dues category of ASABE membership.

Emeritus status, which will take effect in 2019, waives dues for those who are at least 65 years of age and have 35 or more years of ASABE membership.

Those who are eligible are being contacted, but if you know you'd like to take advantage of this offer, feel free to email [Mark Crossley](#).

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### Meet ASABE's Newest Student Engineering Branch



We are pleased to welcome a new combined ASABE student engineering and engineering technology branch at the University of Wisconsin–River Falls. The branch, recently approved by the Membership Development Council, exists to promote professional relationships for engineering students.

Activities that familiarize students with engineering interests and developments provide a basis for professional development and for transition from academic to professional careers. This new branch joins more than 50 universities across North America, Puerto Rico, Ghana, Mexico, and Nigeria that have previously established student branches.

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## Need PDHs to Maintain Your PE License? Look No Further

ASABE, in partnership with PDHengineer.com, brings you online courses and webinars designed specifically to help professional engineers expand their knowledge base and meet the continuing education mandates of all state engineering boards. The flexibility of online courses allows you to complete them around your schedule and other commitments. And all PDH credits are guaranteed to be accepted by all state boards. Hundreds of offerings are available, covering a wide range of topic areas. As a benefit of ASABE membership, you receive a 15% discount off all courses and webinars by entering the discount code ASABE at checkout.

Click [here](#) to learn more.

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## ASABE Joins Peers in Addressing Harassment in STEMM Workforce



ASABE President-Elect Sue Nokes, along with Public Affairs Director Dolores Landeck, joined leaders from some 70 professional societies in Washington, DC, recently to discuss the issue of harassment in the science, technology, engineering, mathematics, and medical (STEMM) fields.

Hosted by the American Association for the Advancement of Science, the American Geophysical Union, and EducationCounsel, the meeting followed the June 2018 release of a report, *Sexual Harassment of Women: Climate, Culture, and Consequences in Academic Sciences, Engineering, and Medicine*, by the National Academies of Science, Engineering and

Medicine. The groups came together to share concerns and needs, discuss policies and frameworks, and make plans to continue the discussion by developing a consortium of societies for professional conduct to prevent and address sexual harassment in STEMM.

ASABE will stay engaged with the consortium as it endeavors collectively in the coming months to develop customizable model frameworks for systems, policies, and practices to combat sexual harassment and a toolkit of practical resource materials for use by societies and institutions.

These developments will be of particular benefit to a group formed recently through the leadership of ASABE's Young Professionals Community, who are spearheading efforts to ensure all ASABE members enjoy a welcoming, respectful environment within the Society. Their efforts will be detailed in an upcoming issue of *Resource* magazine.

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## Support Your Humanitarian Project with a Giving Back Fund Award

Do you have a humanitarian project that could benefit from financial support? The Giving Back Fund can help.

The fund exists to showcase the knowledge and skills of the agricultural and biological engineering profession through projects that benefit underserved individuals or groups. Past fund recipients include the Purdue PUP vehicle project,

and a Village Harvest Center, in Laos. An ASABE Foundation fund, the Giving Back Fund has money available annually to support one or more projects. Submissions are due to ASABE headquarters by December 31 of each year. Visit the [website](#) for complete details.

Like the concept of the Giving Back Fund? Giving Back projects are underwritten by the ASABE Foundation, and donations are strongly encouraged so that more projects may receive financial support. Donors will be asked to designate what portion of their contribution is to be used in the year given, and which portion is to be placed in the endowed fund, from which the future earnings can be used to support projects.

Contact [Dolores Landeck](#) for additional information.

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### **New Faces of ASABE: 2019 Nominations Now Open!**

Nominations are now open for 2018 New Faces of ASABE, the outreach program that recognizes the outstanding talents and passions of the rising generation of engineering leaders, whose work is already having significant impact on public welfare around the globe. The program has two categories: [College Edition](#), for undergraduates, and [Professionals](#), for engineering graduates 35 years of age and younger. ASABE offers its College Edition winner a \$1000 scholarship, while the winner in the Professionals category is invited to travel to Washington, DC, to represent ASABE at Engineers Week activities.

Entry deadline: December 10, 2018.

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### **Educational Aids Blue Ribbon Award Entries Due by January 25, 2019**

Blue Ribbon Awards are presented each year by ASABE in recognition of outstanding effort and achievement in the development of noteworthy educational materials. Entries for 2019 recognition are due January 25.

For more information, visit our [website](#).

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### **IRA Disbursement An Easy Way to Support the ASABE Foundation**

The IRS has declared that charitable donations made from one of your tax-deferred accounts by year's end will be exempt from taxation up to \$100,000 as long as the distribution comes from a qualified account and is donated to a charity that meets the IRS stipulations. The ASABE Foundation is one of those charities.

This provision, which the IRS calls a Qualified Charitable Distribution, allows anyone aged 70.5 or older to donate money from their IRA account directly to ASABE without that gift counting as income. If you or your spouse meet this age requirement, you can transfer up to \$100,000 per year without paying any tax on that transaction. Even better, any money you transfer via one of these distributions reduces the amount you must take in annual required distributions.

If you are interested in this unique opportunity to build your legacy through ASABE, or have questions, please contact [Mark Crossley](#).

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## AIM 2019 - Call for Papers Open



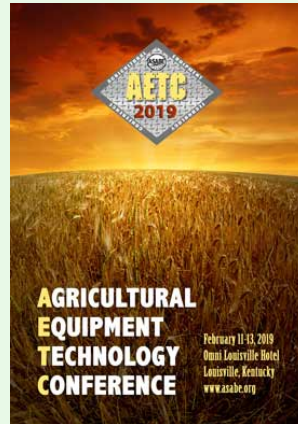
**ASABE 2019 Annual International Meeting**  
**Marriott Copley Place,**  
**Boston, Massachusetts USA**  
**July 7-10, 2019**

Authors! The submission site for the 2019 AIM is now open. If you are interested in presenting your research in either a poster or oral session at the 2019 Annual International Meeting, now is your chance. Abstracts will be accepted until January 4, 2019. Full details are available on [the abstract-submission portal](#).

Registration will open soon, be sure to watch [www.asabemeetings.org](http://www.asabemeetings.org) for all information. Note that this site is under development, with details to be added as they become available.

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## AETC 2019 - Save the Date!



**2019 Agricultural Equipment Technology Conference**  
**February 11-13, 2019**  
**Omni Louisville Hotel, Louisville, Kentucky**

Save the date for this one-of-a-kind annual conference that you won't want to miss. A much-anticipated event for those wanting to keep abreast of trends, technical innovations, and key figures in agricultural equipment industry, AETC offers continuing professional development courses, a distinguished lecture, and many networking opportunities. All of the technical sessions qualify for professional development hours.

For all the details on agenda, accommodations and registration, visit [www.asabe.org/AETC2019](http://www.asabe.org/AETC2019). The coming event will be held in the brand new Omni Louisville Hotel, on South 2nd Street, Louisville. The 2019 AETC registration will be open soon. Early Bird registration rates are available, don't wait!

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## In Memoriam - Jim Lindley



James A. "Jim" Lindley, age 78, of Moorhead, Minn., died peacefully on October 3, 2018.

Lindley was born December 3, 1939, in Paoli, Ind., to John and Martha "Dolly" (Cole) Lindley. After serving in the U.S. Navy from 1962 until 1968, he received his PhD in agricultural engineering from Purdue University in 1972. He was professor



emeritus of agricultural engineering at North Dakota State University, where he taught for over 20 years.

Soft-spoken and quick-witted, Lindley believed in the importance of being peaceful and kind. An avid runner with a 10,652-consecutive-day streak, he was actively involved in the Lake Agassiz Pacers Running Club in Fargo. He logged thousands of miles running, completed 454 road races—more than 30 of which were marathons, including Boston and London.

Lindley was preceded in death by his parents, John and Martha, and his brother, Joel. He is survived by his wife and best friend of 56 years, Carol (Thoms) Lindley, loving daughters, Ann (Steve) Gill, Rochester, N.Y. and Patricia “Trish” (Dave) Hoff, Moorhead, Minn., brother John “Jack” and sister Jean Benedict, granddaughters Chelsea Gill, Natalie Gill, and Kayla (Hoff) Larson, grandson Nicholas “Nick” Hoff, as well as many cousins, nieces, and nephews. No services are planned. In lieu of flowers, donations may be made for Parkinson’s disease research.

He was a 45-year member of ASABE.

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## Recent Standards Activities

### Proposed Projects

- X20383, Tractors and machinery for agriculture and forestry - Speed Identification Sign (SIS). Identical adoption of ISO 20383 and withdrawal of ANSI/ASAE S584.3 JAN2013 (R2017) Agricultural Equipment: Speed Identification Symbol (SIS)
- X606, Properties and Relationships for Distillers Dried Grains with Solubles (DDGS)
- X631, Machine Vision Method of Forage or Biomass Particle Size and Size Distribution

### New Standards

- ANSI/ASABE S642 SEP2018, Recommended Methods for Measurement and Testing of LED Products for Plant Growth and Development

### New Revisions

- ANSI/ASABE S604.2 OCT2018, Safety for Power Take-off (PTO), PTO Drive Shafts, and Power Input Connection (PIC) for Agricultural Field Equipment

### Press Releases

- October 10, 2018, ASABE to Develop Standard for Determining Biomass and Forage Characteristics
- October 10, 2018, ASABE to Develop Data Standard on DDGS Chemical and Physical Properties
- October 10, 2018, ASABE Publishes New Irrigation Standards

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