American Society of Agricultural and Biological Engineers



News for and about ASABE members

October 28, 2020

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From the Executive Director



The Young Professionals Community (YPC) "took over" ASABE's social media platforms in October and it's been great. They have focused on standards and, via a series of fun and educational posts, illuminated an important, albeit sometimes dry, core activity of ASABE. My favorite posting encourages writing a "pizza standard." It says, "Let the pepperoni fan set the minimum acceptable slices of pepperoni. You like pineapple, the kids don't? Let them decide what fraction of the pie can contain their less-favorite toppings." Now that's making standards fun! If



WELCOME New Members!

Welcome to our new, reinstated, and student-transfer members added to the ASABE family in the month of SEPTEMBER

Click to see who's joined your professional network! you have thoughts for ASABE social media content, please let us know and contact Dolores Landeck.

At the end of this newsletter you will see the save the date promo for Giving Tuesday (December 1) benefiting the ASABE Foundation. During this global day of giving the first \$10,000 in donations will be matched. Watch for #ASABEtheCHANGE on our social media channels and share. Learn more about the Foundation funds here and be on the lookout for more on Giving Tuesday.

You still have a few days so act soon if you plan to nominate someone for an ASABE major award in 2021. The deadline is October 31, and the <u>major awards</u> <u>landing page</u> contains everything you need to know. See the gray box on the right hand side of the page for actual nominee submission details.

Darrin J. Drollinger Executive Director

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Funding Available for New and Revised Textbooks

If you would like to publish a new ASABE textbook or revise an existing one, some funding may be available. Learn about the <u>Pinches-Schwab Teaching Materials</u> <u>Fund</u> and consider how it might benefit your textbook project.

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A Couple Clicks Could Land You 50 Bucks!



2021 is just a couple of months away. In preparation for a great year, please remember to renew your dues online at <u>asabe.org</u>. Renewing your dues guarantees the ability to network with likeminded individuals, learn and advance your knowledge, and help promote the ag and bio engineering discipline. With a host of

member-exclusive benefits, including <u>Technical Library access</u>, professional engineering <u>exam resources and incentives</u>, and the opportunity to network and engage with more than <u>200 committees</u>, your membership in ASABE provides value well beyond your annual dues.

And to help you clear membership renewal from your to-do list, here's a little encouragement: By renewing your dues online by November 19 you will automatically be entered into a drawing for a \$50 Visa gift card—ten winners will be chosen at random.

For questions on membership renewal contact <u>Jasper Cunningham</u> or <u>Tina Schultz</u>.

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Supplied Reference Handbook Feedback Requested

The Society's Engineering Licensure committee, EOPD-414, has announced that an updated <u>Supplied Reference Handbook</u> (SRH) is available for the ag/bio engineering professional engineering (PE) exam. The committee now invites member feedback and suggestions for improvement.

Developed by a committee within EOPD-414, the SRH can be used as reference material during the exam, along with a small set of <u>ASABE Standards</u>.

The PE exams in all disciplines are moving to computer-based testing (CBT). Beginning October 2021, when the ag/bio PE exam will be administered

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electronically for the first time, candidates will use two monitors at the testing center: One will have the exam, and the other monitor will display the reference material, including the SRH. The current version of the SRH was compiled for use with the last paper exam, given just this month, and its format will be updated for use with CBT.

Feedback on the SRH is particularly encouraged from practitioners, faculty, and anyone who completed the 2020 paper exam. The SRH has been reviewed against the bank of questions that are available for use on the exam and also covers the topics candidates will find in the exam. All future questions will be solvable by the SRH reference and ASABE standards as well.

Keep in mind that the SRH is not a comprehensive reference for all things related to ag/bio engineering nor a review manual; it contains tables, charts, and equations in each subject area. It's only intended to provide the reference material needed for the current PE <u>exam specification</u>.

Review the SRH and email your feedback to PE-SRH@asabe.org, preferably by November 15, 2020.

Thank you for helping to make the SRH a useful tool for PE candidates and for helping to advance the profession of agricultural and biological engineering.

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2021 Annual International Meeting - Call for Papers Now Open



Answer the Call today! <u>Submit your abstract</u> now to the 2021 Annual International Meeting, July 11-14.

A full directory of all sessions that are accepting abstracts is available on the <u>AIM</u> website.

Mark your calendar: The submission site will be open only until January 11.

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Nominations Underway for Educational Aids Blue Ribbon Awards

ASABE's Educational Aids Blue Ribbon awards are presented each year in recognition of outstanding effort and achievement in the development of noteworthy educational materials.

Nominations for 2021 awards are open, and submissions are due January 25, 2021. Consult the <u>Blue Ribbon award page</u> for full details on submitting a nomination.

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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.

Direct questions to **Dolores Landeck**.

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Mark Your Calendar: The 25th Agricultural Equipment Technology Conference



Join us from the comfort of your own home office February 8-10, 2021, as we gather, virtually, for the 25th AETC.

We will have a special gift for the first 100 people that register to mark this momentous occasion. Registration is expected to open by December. You can watch for those details and

program information at asabe.org/AETC2021.

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2020-2021 ASABE Member Roster Shipping Soon

The <u>printed member roster</u>, available exclusively to ASABE members, remains a popular publication thanks to its ease of use and rich content. Within its pages you'll find not only contact information for your fellow ASABE members, but also organizational and historical details of the Society, like the Constitution and Bylaws, section officers, directories of past presidents and fellows, Society policies, and a staff directory. Cost is only \$39, plus postage and handling.

Call 800-695-2723 to order your copy.

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Christmas is Just Around the Corner: Find Tractor History Books on Amazon

Order a unique gift from our <u>Amazon store</u> quickly with Amazon Prime shipping. Can't find what you're looking for? Call us at 800-695-2723.

Available Titles

A Century of Ford and New Holland Farm Equipment

A Guide to Allis Chalmers Farm Tractors A Guide to Ford, Fordson and New Holland Farm Tractors 1907-1999

A Guide to Hart-Parr, Oliver, and White Farm Tractors, 1901-1996

A Tractor Goes Farming (Children's book)

Agricultural Tractor 1855-1950 Barns Across America

Cockshutt: The Complete Story

Designing the New Generation John Deere

Tractors

Farm Tractors 1950-1975 Farm Tractors 1975-1995

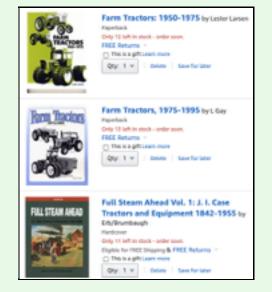
Full Steam Ahead

Grandpa's John Deere Tractors (Children's book)

How John Deere Tractors & Implements Work

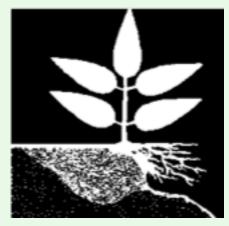
JI Case Agricultural & Construction Equipment 1956-1994, Vol. 2

The Proud Heritage of AGCO Tractors



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2022 Soil Erosion Research under a Changing Climate



New deadlines and submission information have been published for the Soil Erosion Research Symposium. Mark your calendar for January 9-14, 2022, for this decadal ASABE event.

Authors are welcome to edit previously submitted abstracts, and we encourage new abstracts to be submitted as well. The adjusted deadline is February 15, 2021. For full details, links, and contact resources, visit <u>asabe.org</u>.

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ASABE Technical Library - One of your Most Valuable Member Benefits

Want to stay up to date on the latest research, technology, and best practices? Of course you do. And that's what makes the Technical Library an indispensable benefit of membership.

A few tips to help you make the most of your access:

- Check out <u>www.asabe.org/TechnicalLibraryHelp</u> on how to use Google to search the technical library.
- Member credits for the Technical Library are being restocked for 2020. Your annual membership in ASABE provides you with credits for five standards and 100 other full downloads from elibrary.asabe.org.
- The DOI number is the best way to share and link to an article in our library.

If ASABE were to change web servers, the DOI will continue to point to the new location. For example, the URL https://doi.org/10.13031/2013.23153 will redirect users to the current location of the article in our library.

Quad City Section Presents Awards



Members of the Quad City section were recently honored with awards from their section peers.

Shown in the photo above, from left, are David Wolak, Eric Allen, Nicholas Baltz, Scott Bowers, and Jared Suster.

Wolak was honored as 2020 Member of the Year, while Allen was named Young Member of the Year. Baltz, Bowers, and Suster were presented with the 2020 Outstanding Engineering Achievement award for their role in the development of the John Deere Combine Track Drive System.

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Srivastava Named iAABE Fellow



ASABE Fellow Ajit Srivastava, professor in the Michigan State University Department of Biosystems and Agricultural Engineering, has been named a 2020 Fellow of the International Academy of Agricultural and Biosystems Engineering (iAABE), one of the field's top honors.

Srivastava will be recognized at the 2021 CIGR annual meeting in Quebec, Canada. "It's quite the honor. It feels wonderful," Srivastava said. "I'm humbled. I'm very thankful to everyone who

has helped me along the way, and to MSU, to our college and to our department. They have given me the opportunity, support and encouragement to be able to get to this point in my professional career."

Srivastava has received multiple international grants during his career at MSU, including a \$25 million grant from USAID to establish the MSU Global Center for Food Systems Innovation, for which he served as founding co-director. "I truly believe that ag and biosystems engineers, have a lot to offer to the world, but our society has been focused mainly on U.S. agriculture," he said. "That's tremendous, but it is time to take our expertise globally to bring about similar transformation in the developing world."

ASABE Fellow and Past President Lalit R. Verma nominated Srivastava.

As part of Appropriate-Scale Mechanization Consortium funded by USAID Sustainable Intensification Innovation Lab at Kansas State University, Srivastava is examining solar technologies, such as a solar-powered traction unit and solar irrigation systems. He also leads ASABE's Modernization of African Agriculture initiative, which focuses on applying technology and innovation to grow the continent's agricultural industries and address pertinent problems. "While African agriculture poses many challenges, it offers many opportunities as well," Srivastava said. "A modern agriculture holds the promise to food security, economic development and improving quality of life in Africa."

Read MSU news release on Srivastava's award.

Srivastava is a 47-year member of ASABE. He was elected a Fellow in 2009.

Cowan Watts Presented Top AISES Award



The American Indian Science and Engineering Society (AISES) has named Cara Cowan Watts the 2020 Ely S. Parker Award winner. The Ely S. Parker Award is the highest professional honor that AISES confers. It recognizes an Indigenous professional who has achieved an exceptional career while supporting education in STEM disciplines. Recipients follow the example of Ely S. Parker, a 19th-century Seneca Nation Chief who broke multiple racial barriers while establishing an enduring legacy that continues to inspire today's Indigenous leaders.

"We take great pride in selecting Dr. Cara Cowan Watts as this year's Ely S. Parker Award winner," said, Gary Burnette, AISES board chair. "Cara demonstrates sustained contributions and outstanding leadership in STEM that have positively impacted thousands of Indigenous youth."

Cowan Watts is CEO and principal owner of Tulsa Pier Drilling (TPD), a privately held small business with operations in Oklahoma and Arkansas. She built the company into an industry leader, and today TPD is one of the fastest-growing, 100 percent Native American—owned companies. TPD has a skilled workforce specializing in rough terrain, hard rock, and challenging drilling situations.

"It is an honor to receive this recognition from AISES, an organization I deeply admire. AISES helped me to embrace and develop my leadership skills as well as contributed to my personal growth," said Cowan Watts. "AISES challenged me to set the bar high for myself and sparked my passion to serve my communities when and where that help is most needed."

Read the full announcement.

Cowan Watts is a 16-year member of ASABE.

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Recent Standards Activities

Revisions

ASAE S410.3 SEP2020, Moisture Measurement - Peanuts

New Standards

 ANSI/ASABE D606 OCT2020, Properties and Relationships for Distillers Dried Grains with Solubles (DDGS)

Press Releases

 October 16, 2020, ASABE Publishes Data Standard on DDGS Chemical and Physical Properties

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