



Inside ASABE

News for and about ASABE members

December 20, 2019

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Peace
on
Earth

with warm
wishes
from your
ASABE staff

May you be
surrounded
this holiday
season
by
those you love



From the Executive Director



The Board of Trustees met last month and, among other forward-looking efforts, they reviewed the latest proposals for the Initiative Fund and took action to support exciting new projects (see details later in the newsletter). I was pleased our the Board approved funding for potential initiatives because one of my personal goals is to support the initiative process and create new programs and services that benefit our membership and promote our profession. [Click here](#) to learn more about the Initiative Fund, and consider submitting a proposal of your own in the new year. To stimulate your thinking, review the [Society goals](#) that we use to direct our strategic actions. A great source of inspiration is the list of [projects funded in the past](#).

If you're eager to get a jump on registration for the 2020 AIM in Omaha, [the portal is now open](#). Several members requested this early registration so they could complete payment before

the year is over, and we certainly welcome that. However, note that only a small sliver of the activities, tours, and networking options are currently listed. If you register early, you'll need to check back as more information is added. One example is the pre-AIM (July 11) 100-year celebration of the [Nebraska Tractor Test Laboratory](#) in Lincoln. This will be a special event, including an open house, lab tour, historical display, food, and more. Even if you don't register early, start making plans for next summer in Omaha.

Watch your email for instructions on voting for Society officers beginning January 9, 2020. The Nominating committee has selected another [outstanding slate of candidates](#), leading off with Paul Heinemann. ASABE has benefitted from strong leadership over the years, so use your vote to keep that leadership going.

The festive tree shown in the photo above is a ten-foot Fraser fir grown by Standards and Technical Director Scott Cedarquist, who annually donates and delivers a Christmas tree to Headquarters. His generosity gives staff the opportunity to enjoy some group merriment in the tree's decorating. And it gives me the perfect opportunity to wish you, on behalf of all of us on ASABE staff, a Merry Christmas and the very best in the New Year!

Darrin J. Drollinger
Executive Director

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2020 Slate of Candidates Announced: Paul Heinemann Nominated for President

ASABE Fellow Paul H. Heinemann, nominated for president, leads the list of candidates on the ballot for the 2020 election of Society officers. The complete list of candidates for 2020 is available for [preview](#). Members with a valid email address will be sent balloting instructions on January 7 from Intelliscan. For your ease, voting will be conducted electronically beginning January 9 with a personalized, secure link sent to your email, again from Intelliscan. No need to login to the ASABE website. Those without a valid email address will receive information about accessing the ballot via regular mail.

Contact Joann McQuone by [email](#) or phone (269/932-7022) with any questions you may have about the process. Balloting will close March 1, 2020.

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Board Approves 2020 Initiative Funds

If you've had a new project or service in mind that would benefit the Society, now is the time to bring it forward. The ASABE Board of Trustees, at its November meeting, approved Initiative Funds of up to \$50,000 for 2020. Groups within the Society are invited to prepare proposals for putting these funds to most effective use.

Initiative funding makes possible new projects and services that further the interests of the Society. Proposals can represent a onetime investment, or a pilot project that, if proven valuable, can become an ongoing activity of the Society. Proposals are accepted at any time of the year and should align with the Society's [strategic goals](#). Submission deadlines and details about the submittal process may be found [here](#).

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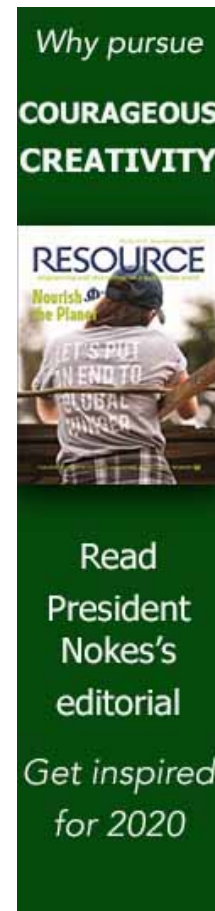
Calling PE Members

Have you recently taken the agricultural and biological engineering PE exam? The Society is looking for volunteer mentors. The intrinsic value of helping advance this discipline is an intangible member benefit. The ideal candidate is someone who has passed the ag/bio PE exam within the last five years. Each mentor will be paired with an ASABE member looking to take the exam and learn from peer experts. The mentoring program will be conducted electronically. Once a mentor/mentee pairing has been made, contact information (name and email address) will be shared with each party. To learn more about the PE mentor program click [here](#).

With the April exam deadline quickly approaching we're looking to build an updated mentor list by January 17, 2020. If interested, please notify [Jasper Cunningham](#).

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ASABE to Evaluate Possible Development of Canadian Standards



ASABE is planning to evaluate possible accreditation as a developer of Canadian National Standards. The Board of Trustees has approved funding through the [Initiative Fund](#) of up to \$21,794 for one-time costs incurred for ASABE to pursue this option. Coordinated by the Standards Council of Canada, and similar to our current accreditation by the American National Standards Institute to develop American National Standards, this work will promote consistency on both sides of the border and further strengthen the ties between the US and Canada.

Direct questions about this work to [Scott Cedarquist](#).

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Undergrads and Young Professionals: Great News on the One-Minute Video Challenge!



Early-Career ASABE Members, please take minute to check out this news about the One-Minute Video Challenge.

ASABE and Claas heard concerns about possible obstacles to participation and so have revised the regulations accordingly:

- No travel commitment required
- Doubled award amounts for top three entries
- Open to all ASABE members 35

years of age and younger

- New Entry Deadline: January 17

Sound like fun? Then take advantage now: There are no plans to make this contest an annual event.

The competition is made possible at this time thanks to the enthusiasm of Past President Maury Salz and generous support from Claas. For full details visit www.asabe.org/Belnspired.

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ASABE Initiative Funds Support JET Workshop



Twenty-five high-profile researchers, consulting engineers, and students gathered to discuss the future of quantifying soil erodibility with applications for levees, dams, streambeds, streambanks, earthen embankments and

more. The workshop took place October 9-11, 2019, in Raleigh, N.C.

ASABE Fellow Greg Hanson (USDA-ARS, retired), delivered the keynote talk at the workshop approximately 30 years after the original development of the Jet Erosion Test (JET). The group from across the globe met to discuss the historical context, current research and analyses, and the future of the premier instrument for in situ soil erodibility measurements.

Stephane Bonelli from IRSTEA, in France, presented multiple-dimensional fluid dynamics modeling on the JET hydraulics and comparison to the hole erosion test (HET) commonly used in geotechnical engineering. Iman Shafii presented his PhD work consolidating erosion measurements from several instruments in a database known as TAMU-Erosion for use in industry for assessing the erosion potential of cohesive soils. A series of other speakers discussed the challenges with in situ erodibility measurements and the use of such measurements in process-based models for predicting dam overtopping and streambank stabilization designs.

The workshop provided key collaborative opportunities for the group, including future work on grand challenges around developing a new standard for the JET, redesigning the JET device, translation of the JET into consulting and design, further advances in numerical modeling, and developing a review paper to be submitted to the ASABE journals on the JET. A special thanks to ASABE members Garey Fox, Lucie Guertault, and Celso Castro Bolinaga for organizing the workshop.

Upcoming
ASABE
CSBE/SCGAB
Section
Meetings
and
Other Events

CA/NV
Student Rally
Jan 17

AETC
Feb 10

Oklahoma
Feb 21



Join us
in
welcoming

New
Members

October
November
2019

click

Financial assistance for the workshop was provided by ASABE Initiative Funds.

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Student Competition Opportunities Increased at AETC

Students are invited to share their work through a student poster competition at the [Agricultural Equipment Technology Conference](#) held in February.

The Board of Trustees has recently approved funding to increase prizes for first- through third-place winners with amounts ranging from \$250 to \$50. Funding for this project, which was proposed by the AETC Planning committee, is made available through the Society's [Initiative Fund](#).

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Last Call for Giving Back Fund Applications

Submissions for Giving Back Fund grants are due by December 31.

The Giving Back 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.

Visit the [website](#) for complete details, and direct questions to [Dolores Landeck](#).

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Tractor History Books for Christmas on our Amazon Store

Tractor history books make a unique gift. Order from our Amazon store quickly with Prime shipping. Children's books include "A Tractor Goes Farming" and "How John Deere Tractors & Implements Work."

Can't find what you're looking for? Call us at 800/695-2723. Available titles on [Amazon](#):

- *A Century of Ford and New Holland Farm Equipment*
- *A Guide to Allis Chalmers Farm Tractors*
- *A Guide to Ford, Fordson and NH Tractors 1907-1999*
- *A Guide to Hart-Parr, Oliver, and White Farm Tractors, 1901-1996*
- *Agricultural Tractor 1855-1950*
- *Cockshutt: The Complete Story*
- *Designing the New Generation John Deere Tractors*
- *JI Case Agricultural & Construction Equipment 1956/1994, Vol. 2*
- *The Proud Heritage of AGCO Tractors*

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Students, Your Holiday Break Assignment: Check Out ASABE Scholarships & Fellowships

We know the last thing you want to do between terms is think about school, but your future self may thank you for investing a little effort in checking out ASABE's scholarship and fellowship opportunities. Remember that it's not just the award itself but also the permanent resume bullet point that are valuable.

All entries for the 2020 Nye graduate fellowship, the ASABE Foundation scholarship, and the Adams scholarship are due to headquarters on March 15. Find eligibility information, application instructions, and more information [online](#).

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AETC 2020 Registration Open; Students - Enter Poster Session for Prizes!

We're less than eight weeks away from ASABE's 24th Agricultural Equipment Technology Conference, February 10-12, 2020. Registration is now open for this year's event, being held the Hyatt Regency in downtown Louisville this coming February. Find registration, program, hotel, and sponsorship information [here](#).

New this year! All students that are registered and attend AETC are eligible to enter the [student poster session and competition](#). Prizes will be awarded for both undergraduate and graduate student categories ranging from \$250 to \$50.



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DOI for Journal and Meeting Papers

DOI (digital object identifier) gives each journal article and meeting paper a unique identifier and web address. A web address using the DOI always begins with <https://doi.org/> and then adds your document DOI to the end. So, if your DOI is [10.13031/trans.13648](https://doi.org/10.13031/trans.13648), the web address is <https://doi.org/10.13031/trans.13648>.

Please use the DOI web address when referring to documents instead of one that begins with <https://elibrary.asabe.org>. When the technical library is moved to a new server, the DOI will be updated to point to the new location.

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Abstracts Now Welcome for Annual International Meeting; Irrigation, Erosion Symposia Submissions Continue

Organizers of the ASABE 2020 Annual International Meeting and the 2021 Soil Erosion Research Symposium are seeking quality abstracts for presentations.

- The 2020 Annual International Meeting's call for abstracts is open. Don't wait until the last minute to submit your abstract for this meeting! The deadline for abstract submission is January 5, 2020. Please watch www.asabemeetings.org for details and submit [here](#).
- The 2021 [Soil Erosion Research Symposium](#) will be held in Puerto Rico January 10-15, 2021. February 15, 2020, will be the last day to submit your 400- to 600-word abstract.

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Library Downloads - How Your University Can License

With just a few minutes of your time, you can help your university obtain full access to the ASABE library. Contact your library and let them know about what you need.

Libraries typically rely on requests from faculty or staff before they subscribe to a publisher's content. The more requests your library receives, the more likely your library will be to subscribe. Your library may have a recommendation form on their website or email to your library and tell them of your need and send them this link <https://www.asabe.org/SiteLicense>.

The ASABE Technical Library includes more than 35,000 journal articles, textbooks, official standards, and other material. Many institutions that are related to agricultural and biological engineering, across the U.S. and in many other countries, already have this access.

To see if your institution or company subscribes, try to download [this PDF](#) from your university computer network. If you are able to access the full text document without a request for a login, a site license is in effect. The exception would be if you recently logged in using the password provided as a member benefit.

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Convert Your AIM Paper to a Peer-Reviewed Journal Article

Publish in one of ASABE's peer-reviewed journals. Submitting is easy since your annual meeting paper has a very similar format to our journals.

To get started quickly, read the [overview](#).

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Renew your 2020 Print Journal Subscriptions

Now is the time to renew your print journal subscriptions. For 2020 prices, visit www.asabe.org/OrderPeriodicals or contact subscriptions@asabe.org. Technology is changing rapidly and ASABE journals can help you keep pace with important developments that affect your career!

[Applied Engineering in Agriculture](#)
[Journal of Agricultural Safety and Health](#)
[Transactions of the ASABE](#)

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In Memoriam - Larry R. Johnson



Larry Raymond Johnson was born in Amery, Wisc., on June 8, 1945, and passed away unexpectedly at the age of 74 on December 11, 2019, in Fort Atkinson, Wisc.

Johnson grew up during the golden age of the American family farm, having been raised on a dairy farm in Amery by Raymond and Isabel Johnson. Upon completion of high school, he attended the University of Wisconsin–River Falls and later UW-Madison, studying mechanical engineering. During his college years he was an active member of Alpha Gamma Rho. In 1965 he met Lenore Lenz and they were married, during a blizzard, on December 28, 1968. Johnson would go on to receive his master's in agricultural engineering from UW-Madison and then later his MBA from the University of Detroit. Upon completing his master's in engineering, he worked for Ford Motor Company's division of agricultural and construction equipment, in Troy, Mich., at which time, he and Lenore bought their first home, in Birmingham, Mich. It was during this period God led them to the community of Ferndale Free Methodist Church. In October 1980 the couple welcomed their first child, Gregory, and shortly afterward the family moved to Fort Atkinson, where Johnson took a job with Butler (later J-Star), an agricultural equipment manufacturer. In April 1983, they welcomed their second child, Aaron.

Johnson would go on to work for Weiler & Company in Whitewater and then later VISTA Training in Waterford. He started his own consultancy, Oakwood Engineering LLC, and worked with clients globally in product safety. He received many professional awards during his career, including a Distinguished Service award from the University of Wisconsin College of Agriculture & Life Sciences, Career Achievement award from the ASABE Wisconsin section, and a Distinguished Service award from the University of Wisconsin College of Engineering.

Outside of work, Johnson was a beloved husband, father, and friend and was very active in his local church, Faith Community. He was also an avid hiker, downhill skier, gardener, wine maker, and coffee roaster. He loved to solve problems and was ever eager to take on challenging projects.

Johnson is survived by his wife Lenore, sons Greg (Shara) Johnson and Aaron (Amber) Johnson, and grandchildren Archer and Amory Johnson. He is also survived by siblings Lynda (Jerry) Overman, Jan (Mel) Wondra, and Jerol (Jane) Johnson and many cousins, nieces, and nephews. Memorial services were held December 18, in Atkinson, with [Nitardy Funeral Homes](#) handling the arrangements. Memorial contributions may be given directly to [Equip International](#). Please specify that you would like the funds to go toward support for teachers at Schofield Orphanage and School in Kenya.

Johnson was a 50-year member of ASABE.

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Recent Standards Activities

New Revisions

- ASAE EP542.2 NOV2019, Procedures for Using and Reporting Data Obtained with the Soil Cone Penetrometer
- ASAE S575.2 NOV2019, Farm and Agricultural Injury Classification (FAIC) Code

Press Releases

- November 20, 2019, ASABE Revises Soil Cone Penetrometer Standard
- December 4, 2019, ASABE Revises Farm and Agricultural Injury Classification Code
- December 18, 2019, ASABE Safety Standard for Agricultural Front Loaders to be Revised

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Endorsed Events

Check out these events hosted by ASABE partners and endorsed by ASABE and the ASABE Meetings council.

- The Indoor Agriculture Energy Solutions Conference
- Phenome2020
- The International Fluid Power Exposition
- 2020 Watershed Management Conference

For details about these and other activities of interest, see the [ASABE events calendar](#).

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