



AMERICAN SOCIETY OF  
AGRICULTURAL AND  
BIOLOGICAL ENGINEERS

**ANNUAL REPORT**

2023/2024

**DISRUPTING FOR GOOD**



# From the President

At the 2023 ASABE Annual International Meeting (AIM) in Omaha, Nebraska, our keynote speaker, Chris Field, challenged us to “disrupt for good,” as he shared stories of how he and others positively impacted lives and communities, disrupting undesirable systems and meeting needs by “showing up, taking action, and persisting.” He challenged us, as agricultural and biological engineers, to do the same.

The 2023 AIM in Omaha was a great success, thanks to the tireless efforts of dedicated volunteers on the planning team, generous sponsors, capable ASABE staff, engaged members, and of course attendees. Of 1,740 registrants at the meeting, more than 50% were under the age of 35 years old, and 32% were first-time attendees.



*President Dana Porter (left) welcomed author and keynote speaker Chris Field to the 2023 Annual International Meeting.*



## 2023 ANNUAL INTERNATIONAL MEETING HIGHLIGHTS

Celebrating 103 Years of the Nebraska Tractor Test Lab

Circular Bioeconomy Systems “CBS Day”

Fellows induction ceremony

ASABE Foundation and YPC Anniversary Dinner

Great events at AIM offered great opportunities to catch up on engineering developments and connect with old and new friends. At the awards luncheon, we unveiled the updated branding for ASABE and the ASABE Foundation, and we celebrated achievements of our colleagues.

Throughout the year, individual and team competitions, scholarships, regional rallies, student branch activities, section meetings, specialty conferences, and AIM invited students to engage with peers and with young and experienced professionals, develop leadership and professional skills, and engage in friendly competition.

As ASABE president, I truly have enjoyed connecting with members at state and regional section meetings, centennial celebrations, graduate student seminars, and other events.

I have been welcomed so graciously into communities to celebrate with—and to be inspired by—impressively innovative engineering, science, and technology professionals.

In May, ASABE leaders participated in the “Ag on the Mall Celebration of Modern Agriculture.” The event is sponsored by the Association of Equipment Manufacturers and is held on the National Mall in Washington, DC. ASABE took full advantage of the tremendous opportunity it presented to raise the visibility of ASABE and the agricultural and biological engineering and technology professions, as well as showcase advancements in agriculture. Throughout the event, at our booth, in panel discussions, and in one-on-one engagement, ASABE was well represented by members from industry, as they are leaders in agricultural equipment and agricultural technology.



Fresh, cohesive branding for the Society and Foundation will help build recognition and reach new audiences.



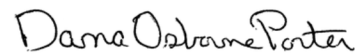
President Porter and Executive Director Darrin Drollinger toured the National Farm Machinery Show, where they spied a few AE50 winners.

The AMAA and CBSI initiatives continue to inspire, innovate, and advance even more opportunities for collaboration on in-depth and strategic approaches to address big issues. Early in 2024, the membership approved the new Strategic Initiatives Council. This council and a new staff position will support current and future member-initiated, member-led, cross-community initiatives. There is a world of opportunity to become involved, and to quote Chris Field again, “The world needs you.” All are welcome, and each has something of value to offer to the greater cause.

With so many exciting opportunities, the ASABE Board of Trustees and ASABE Foundation Board of Trustees are working earnestly to support members and initiatives, providing value to the members

through support of the important work of ABEs. Our new development officer, Liz Metts, brings experience with fundraising and external partnerships to secure additional financial resources to complement the generous contributions of time, innovation, experience, and passion resources of the engaged ASABE community.

It has been a great year for ASABE, and I am grateful for the opportunity to work with you all to advance our vision of a world where all have food, water, energy, fiber, and safe environment needed to thrive.



Dana Osborn Porter, PE  
ASABE President 2024-2025



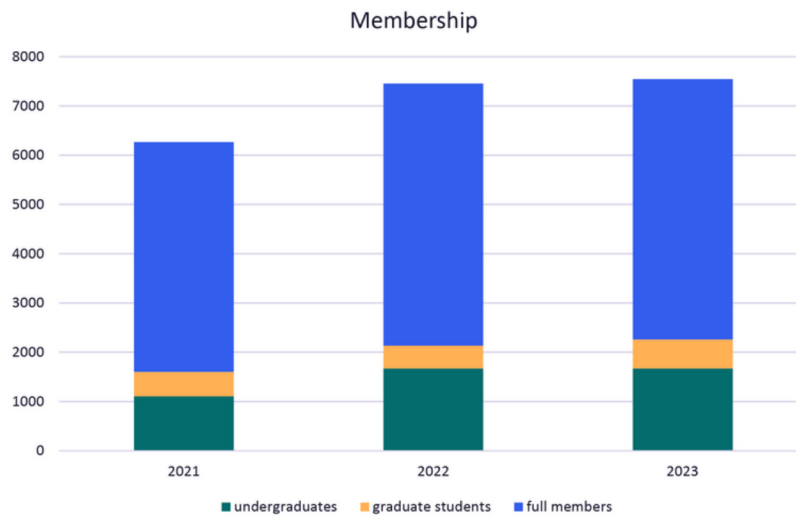
## SOCIETY APPROVES NEW COUNCIL

At a packed business meeting at the 2023 ASABE Annual International Meeting, ASABE members unanimously approved a ballot proposal for a constitutional change that would add a fifth council to the Society's governance structure.

The Strategic Initiatives Council was subsequently approved by the full membership in early 2024. The new council provides a structure through which the Society can pursue initiatives with potential for providing strategic growth and increased impact.

# OPPORTUNITIES ABOUND

Judicious oversight by the ASABE Board and Finance committee, along with vigorous efforts by volunteers, has allowed us to develop programming and expand networks as opportunities for growth arise.



## LEADING THE WAY IN DATA-DRIVEN AG

ASABE is now accredited by the American National Standards Institute (ANSI) to administer the US position for newly approved ISO Technical Committee 347, [Data-driven agrifood systems](#). The scope of this committee is far reaching and covers all sectors of agriculture and food production. The work of the committee will be of interest to ASABE members, will reinforce ties with many of our current partners, and has the potential to forge connections with new groups and participants.

Within ASABE’s structure, the broad scope aligns best with the Applied Science and Engineering technical community. A new committee, ASE-347, is now functional and using their assigned ASABE Engage platform to share and retain documentation on a regular basis.

## MEETINGS

Meetings held in 2023 include 18 section and regional events and 27 specialty events, for a total of 45 events, including the ASABE Annual International Meeting. Combined event registrations totaled 4661, an increase of 62.5% over 2022. The virtual events comprise 46% of all meetings held, reflecting the increase in popularity of select virtual-only events, such as Member Hours.

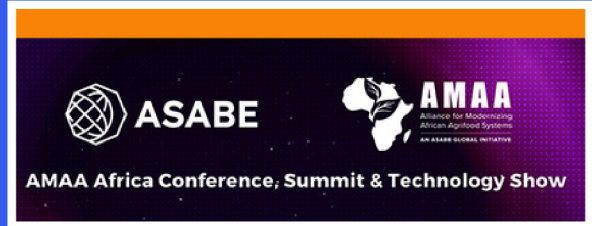
**2023 Annual International Meeting**  
Omaha, Nebraska

**2023 Agricultural Equipment Technology Conference**  
Fresno, California

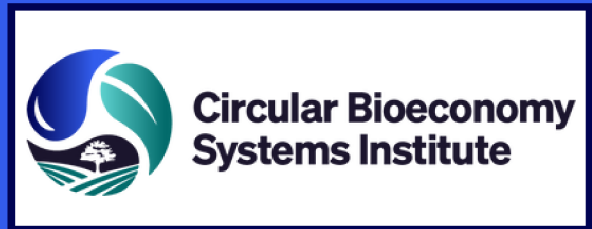
**2023 Soil Erosion under a Changing Climate**  
Aguadilla, Puerto Rico

**2023 Imagining African Agrifood Systems** (virtual)

**2023 The 2nd Global Evapotranspiration Symposium**  
State College, Pennsylvania



The AMAA Africa Conference was hosted entirely online, in November 2023, after logistical challenges forced cancellation of the in-person event originally planned to take place in Senegal. Aligning the conference schedule to Senegal time ensured participation by many attendees on the African continent.



CBS Day at the 2023 annual meeting drew speakers from across disciplines and pushed CBSI forward. A series of workshops subsequently launched in early 2024, funded by a \$500,000 USAID grant provided through the Feed the Future Sustainable Intensification Innovation Lab at Kansas State University.

## ASABE STANDARDS ACTIVITY

288 Standards Published • 35 Projects • 15 ISO Committees

### THE ISO NUMBERS

446 Published • 49 Approved Projects

THANK YOU

to our

ASABE Standards Supporters



**Sudhagar Mani** was named ASABE Journals Editor-in-Chief

Sudhagar Mani has been appointed as the new editor-in-chief of the ASABE journals. His expertise spans biological and chemical process modeling, simulation, optimization, sustainable biomass feedstock supply logistics, and innovative biomass conversion technologies.

The newest refereed publication, *Journal of Natural Resources and Agricultural Ecosystems* launched in January 2023. This journal is open access and Kati Migliaccio serves as editor. Since inception, 30 manuscripts have been submitted, 5 rejected, 18 accepted, and 7 are in process.

Strong positive feedback was received on recent continuing professional development courses offering certification for journal reviewers. The course will be repeated again at the 2024 annual meeting.

The impact factor for *Transactions of the ASABE* increased for the ninth consecutive year to its highest ever, 1.5. Renamed as *Journal of the ASABE*, it is expected to have an impact factor for 2023. The impact factor for *Applied Engineering in Agriculture* was 0.9 and for *Journal of Agricultural Safety and Health*, 1.0, its first impact factor. Impact factors for the 2023 publishing year are expected at the end of June.

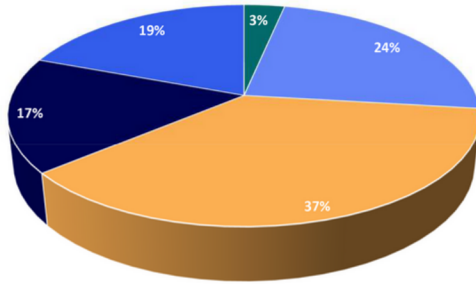
We are committed to staying informed about the evolving role of artificial intelligence in scholarly publishing. Ongoing conversations among the publications' leadership focus on policies and best practices related to AI.

## SUPPORTING NEXT-GEN LEADERS

Programs and events like the Student Rally Leadership Networking program, student hackathon, and "Future Engineers Day" at the 2023 annual meeting all contribute to developing the next generation of talent for the engineering and technology pipeline.

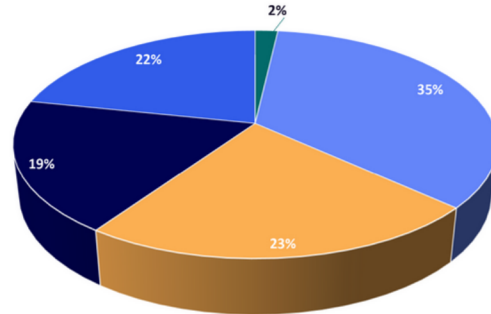


EXPENSES - December 31, 2023



- Foundation
- Meetings & Conferences
- Society
- Standards & Technical
- Technical Publications

REVENUE - December 31, 2023



- Foundation
- Meetings & Conferences
- Society
- Standards & Technical
- Technical Publications

STATEMENT OF FINANCIAL POSITION

December 31, 2023 and 2022

	<b>2023</b>	<b>2022</b>
<b>ASSETS</b>		
Cash.....	\$2,150,939	\$1,717,208
Accounts Receivable.....	15,160	82,101
Book Inventory.....	56,801	58,472
Prepaid expenses.....	3,648	33,742
Due from (to) inter-fund (other).....	(259,655)	261,770
Property & Equipment.....	180,959	196,089
At cost, less \$1,304,861 accumulated depreciation		
<b>Total Assets .....</b>	<b>\$2,147,852</b>	<b>\$2,349,382</b>
<b>LIABILITIES AND FUND BALANCE</b>		
Accounts Payable & Accrued Expenses.....	623,172	556,842
Unearned Revenue: Dues & Sales.....	768,300	1,036,160
Fund Balance.....	756,380	756,380
<b>Total Liabilities and Fund Balance .....</b>	<b>\$2,147,852</b>	<b>\$2,349,382</b>
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<b>RESTRICTED RESERVE BALANCE .....</b>	<b>\$2,533,733</b>	<b>\$2,099,725</b>
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REVENUE.....	4,162,845	3,294,387
EXPENSES.....	3,903,190	3,556,157
<b>SURPLUS (LOSS).....</b>	<b>\$259,655</b>	<b>(\$261,770)</b>