



2026 AIM Abstract Submission

The below **list of topics** are intentionally broad and most topic areas cover more than one technical community. This list is what you will select from in the [submission portal](#).

Select the best fit. Choose the single topic that most closely aligns with your abstract. This will help us group similar submissions into sessions after the portal closes in January.

Note on Hybrid sessions: Some session titles are a mix of submitted abstracts and guest speakers. These are identified with “-HYBRID SESSION” after the title. These sessions will feature a smaller number of submitted abstracts, typically 3-4. Unless you are invited to submit to a hybrid session, it is recommended not to submit to these sessions. If your abstract is an ideal fit, it will be reviewed for placement and moved into the session.

For full **instructions and deadlines**, see the homepage of the submission portal and the documents tab for resources for all authors, reviewers, organizers, and moderators.

All submitting, authors with accepted abstracts will be sent an acceptance email in March with instructions on how to **finalize your submission**. This includes registering for AIM, adding co-authors, editing the abstract title, and listing the presenting author. Technical papers will be accepted for publishing on the Technical Library for all presentations that are submitted properly ***and*** presented at AIM. Papers will not be uploaded to the Technical Library until after AIM. Technical paper submission is not required except for some competitions. For details about the different competitions that you can take part in at AIM, please visit <https://asabe.org/awards-competitions>.

There are no virtual participation options available. Updated on 10/14/2025.

- Advancing Circular Bioeconomy Systems (CBS): Opportunities and Challenges-HYBRID SESSION
- Agricultural Conservation Practices & Nutrient Loss Reduction

- AI & Machine Learning for Decision Support and Smart Farming
- AI Robotics for Navigation, Manipulation, and Mechatronics
- Anaerobic Digestion, Clean Power, and Manure-to-Energy Systems
- AOCABFE Exchange Forum: Research and Technology Transfer-HYBRID SESSION
- Applied and Ecological Engineering for Natural Systems
- Atmospheric Transport of Pollutants: Monitoring, Modeling, and Policy-HYBRID SESSION
- Autonomous Machine Safety: Emerging Risks and Protective Strategies-HYBRID SESSION
- Biomass Feedstock, Pretreatment, and Biorefinery Systems
- Biosensors and Bioinstrumentation for One Health
- Circular Bioeconomy Systems: Research, Education, and Outreach
- Connectivity, Cloud & Edge Computing in Agriculture
- Digital Twins, Simulation, and Computational Modeling (DEM, CFD)
- Education, Outreach, and Instructional Innovation
- Equitable Digital Transformation & Data Governance in Agriculture-HYBRID SESSION
- Failed Research: Challenges and Opportunities-HYBRID SESSION
- Farm Machinery Innovations
- Foster collaboration on current ag-engineering trends in Korea & the U.S.-HYBRID SESSION
- Generative AI, LLMs & NLP for Agriculture
- Heat and Environmental Exposures: Impacts on Worker Safety-HYBRID SESSION
- Hyperspectral and Spectroscopic Imaging for Agriculture
- Innovations in Agricultural & Biological Applied Sciences & Engineering (ASE)
- Innovations in Agricultural & Biological Circular Bioeconomy Systems Institute (CBSI)
- Innovations in Agricultural & Biological Education, Outreach & Professional Development (EOPD)
- Innovations in Agricultural & Biological Energy Systems (ES)
- Innovations in Agricultural & Biological Ergonomics, Safety & Health (ESH)
- Innovations in Agricultural & Biological Global Engagement (E-2050)
- Innovations in Agricultural & Biological Information Technology, Sensors and Control Systems (ITSC)
- Innovations in Agricultural & Biological Machinery Systems (MS)
- Innovations in Agricultural & Biological Natural Resources & Environmental Systems (NRES)
- Innovations in Agricultural & Biological Plant, Animal and Facility Systems (PAFS)
- Innovations in Agricultural & Biological Processing Systems (PRS)
- Irrigation Management (Micro, Surface, Variable Rate)

- Livestock and Poultry: Biosecurity, Welfare, Emissions, and PLF
- Machine Vision for Agriculture (Animal, Crop, Postharvest, Phenotyping)
- Measurement of Physical and Chemical Properties in Agri-Food Systems
- Mortality Management, Composting, and Pathogen Control
- Nature-Based Solutions and Ecological Engineering
- Nutrient Transport and Cycling: Measurement and Modeling
- Precision Fermentation, Cellular Agriculture, and Food Waste Valorization
- Process Modeling, Validation, and 3D Bioprinting
- Remote Estimation of Evapotranspiration in Natural and Agricultural Systems-
- HYBRID SESSION
- Safety in Robotics, Automation, and Emerging Technologies
- Sensors, Automation, and Data-Driven Management
- Soil Erosion, Sediment Control, and Riparian Vegetation
- Sustainability Metrics and Circular Biosystems
- Techno-Economic Analysis (TEA) & Life Cycle Assessment (LCA)
- Unmanned Robots and Vehicles for Precision Agriculture
- Value-Added Products and Materials from Biomass
- Water Resources Monitoring, Modeling, and Hydroinformatics

The following sessions are expected to be in the final AIM technical schedule but will not be seen in the abstract submission portal since they are guest speaker or panel sessions and do not accept submitted abstracts.

- Advances in Renewable Energy Technologies-GUEST SPEAKER SESSION
- Current Achievements and New R&D Trends in Renewable Energy Resources and Technologies-GUEST SPEAKER SESSION
- Ethics of AI Tools and Large Language Models for Learning-PANEL SESSION
- From Ideas to Commercialization-PANEL SESSION
- Future of Stored Grain Monitoring and Management-GUEST SPEAKER SESSION
- Indiana Perspective on Manure Management-PANEL SESSION
- R.S. Gates Memorial Lecture Series-GUEST SPEAKER SESSION
- The Faculty of the Future - Evolving Faculty Roles in the Higher Education Landscape-PANEL SESSION