



# International Commission of Agricultural and Biosystems Engineering

September 2024

## Newsletter 138

*"...to serve - on a world-wide basis and through its members - the needs of humanity by fostering mutual understanding, improvement and rationalisation of sustainable biological production systems while protecting nature and environment and managing landscape through the advancement of engineering and allied sciences..."*

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Web: [www.CIGR.org](http://www.CIGR.org)

Journal: [www.CIGRjournal.org](http://www.CIGRjournal.org)

Contact us: [secretarygeneral@CIGR.org](mailto:secretarygeneral@CIGR.org)

## Message from Outgoing President



Remigio Berruto  
CIGR Honorary President

By means of this message, as a past-CIGR President, I thank all CIGR members and the Presidium for the activities we were able to carry out during my term of service to further our profession. Some relevant past and future activities are listed below.

To address the rapid developments in Ai and Data Science CIGR sponsored a working group and the organization of NVIDIA artificial intelligence workshop. NVIDIA provided in-kind a two-day workshop on AI that was attended by over 45 people in February 2022.

CIGR supported ASABE's Global initiative to provide a framework to develop and sustain innovation through the world and ASABE's Circular Bioeconomy which resulted in the creation a related workgroup.

During the 77th International Conference "LAND.TECHNIK - AgEng 2019", the German Agricultural Society, or DLG and CIGR entered into a collaboration agreement for the development of projects on common interests aligned with the mission of both organizations.

CIGR supported the online conference held in Canada in May 2021 organized by the Canadia Society for Bioengineering, fully online due to the pandemic. This successful conference was the first of its kind in which CIGR was involved and required a major effort for the organizers to make a fully online event. This paved the way to have blended participation with people in presence and online, like in the CIGR World Congress in Kyoto in December 2022 that convened delegates from all over the world. This provided the opportunity for

many participants to visit Japan and enjoy culture, food and cultural heritage.

Another huge success was the organization of the conference in Jeju Island, Republic of Korea, in May 2024. The venue, the beauty of the island, the food and the kindness of organizers and people there were all part of a unique experience.

Other events are listed on the CIGR webpage.

The CIGR journal continues to operate and increase its reach. It is a journal that provides professionals unable to pay page charges costs to publish their work at no cost. The CIGR Journal implements a rigorous peer review process.

Through a regularly published newsletter CIGR provides updates on activities, membership, conferences, and regional societies. The newsletter is published four times per year. The newsletter is now sent to over 18,000 members of all our regional and national societies as well as corporate members around the world. Any member is welcome to submit contributions of interest to CIGR stakeholders.

The CIGR website was redesigned and now contains updated information on members, conferences and all CIGR activities and governing bodies. You are welcome to send events, news, and other items you feel are of interest to the CIGR members and update your information there. We need your engagement to constantly update the members' information.

Engineering also needs young professionals. For this reason, we will continuously push the establishment of a young CIGR society, to involve students that later will become professional in the sector. CIGR engaged with ALEIA, the Latin American student engineering association. By integrating student members, CIGR aims to engage a young generation of professionals and encourage their participation in our society.

Now my term is complete, and I have stepped down from the position as a member of the Presidium.

Was a privilege and an honor to work with such qualified people for the past six years.

Starting July I become incoming president of EurAgEng, so I will try to strengthen the links between CIGR and EurAgEng during my mandate there. I will continue to contribute closely to the CIGR activities in the future. Especially as I will be serving as co-chair of the 2026 CIGR World Congress jointly held with the EurAgEng Conference. I hope to see many of you at this event to be held in Torino, Italy, and organized in cooperation with Prof. Patrizia Busato, at the Polytechnic of Turin in 2026.

I welcome the new CIGR President, my colleague and friend Claus Soerensen, From University of Aarhus, Denmark, who deserves respect from all of us for his scientific competence and his role, first in CIGR technical section V and later as incoming president of CIGR.

Finally, I would like to express my gratitude to the presidium and to thank you all for the support you will provide to make CIGR a global institution in the biosystem engineering world.

Remigio Berruto

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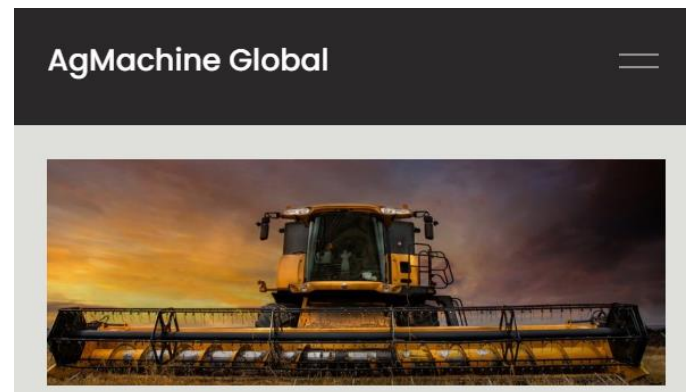
## AgMachine's Worldwide Agricultural Machinery and Equipment Directory

Recently AgMachine global has launched an updated 'Worldwide Agricultural Machinery and Equipment Directory'. AgMachine Global provides an information resource for farm equipment manufacturers, dealerships, contractors, lecturers, students, researchers and above all farmers worldwide. This global resource has been completely revised and re-engineered.

Originally founded in 1999 AgMachine Global has provided a directory that encompasses manufacturers, suppliers and services from around the globe. It provides a directory to a wide range of suppliers and manufacturers, dealerships,

contractors, lecturers, students, researchers and above all farmers worldwide.

This resource is available at [AgMachine Global](#).



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## Second Call: CIGR Incoming President Nominations

The Secretary General's Office is accepting nominations for CIGR Incoming President per Article 7 of the CIGR statutes. Nominations can be made only by representatives of member organizations. Nominations must be submitted by November 25th, 2024. Term of service is for six

years starting in 2025: Two years as Incoming President, two years as President and two years as Past President. The nomination package must include: 1. A letter from the nominating member organization representative that includes contact information of the nominator, the nominee and the

three supporting individuals. 2. A 500-word summary of the nominee’s activities demonstrating leadership within the profession and a track record of participation in CIGR activities. 3. The CV or Resume of the nominee. 4. Three letters from individuals supporting the nomination. Only complete nomination packages will be accepted and must be submitted in a single package. Incomplete nomination packages will not be considered, and the

nominator will not be informed. Please send the nomination package in electronic format to [secretarygeneral@cigr.org](mailto:secretarygeneral@cigr.org).

Fedro S. Zazueta  
Secretary General, CIGR

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## ASABE’s Special Collections

A useful resource that brings together research and advances in agricultural and biosystems engineering are the [ASABE’s Special Collections](#). These may be the result of a conference, a topic of high interest to the community, or to build a foundational source of information using reviews. Some recent collections are:

2023 [Digital Water: Computing Tools, Technologies, and Trends Submission Guidelines \(DW\)](#) *J. ASABE* 66(5), 67(1,2,4), 66(1), *J. Nat. Res. Agr. Eco.* 1(1,2), 2(1,2)

2022 [Soil Erosion Research Symposium \(SERS\)](#) *J. ASABE* 65(2), 65(4), 66(1)

2022 [Circular Food and Agricultural Systems \(CFAS\)](#) *J. ASABE* 64(6), 65(2), 65(3), *Appl. Eng. Agr* 38(3)

2021 [Unmanned Aerial Vehicles \(UAV\) in Agriculture](#) *Trans. ASABE* 64(5)

2021 [Computer Modeling and Statistics for Agriculture](#) *Trans. ASABE* 64(3), *Appl. Eng. Agr.* 37(5)

2021 [Preferential Flow and Piping in Riparian Buffers](#) *Trans. ASABE* 64(3-5), *Appl. Eng. Agr.* 36(5)

2021 [Agricultural Conservation Practice Effectiveness](#) *Trans. ASABE* 64(2-4)

2020 [6th Decennial National Irrigation Symposium](#) *Trans. ASABE* 63(5-6), *Appl. Eng. Agr.* 36(4)

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## Asian Association of for Agricultural Engineers (AAAE) Strategic Plan

The office of AAAE was moved and registered in Than, Marahastra, India. In December 2023 AAAE presented its strategic plan aiming for AAAE to become a leader in the agricultural and biosystems

engineering profession in Asia for sustainable food, water, energy, environment, and climate systems. This [plan can be downloaded from the AAAE web site](#)



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## IAAS visit to CIGR Headquarters

Prof. Michael Fu, Secretary General of the International Association for Agricultural Sustainability (IAAS) visited the CIGR Headquarters at the University of Florida, Gainesville, FL. During his two-day stay Prof. Fu met with CIGR members and had the opportunity to

tour UFABE teaching and research facilities in Gainesville as well as the Alachua County's Extension Office. IAAS was established in 2017, as an internationally non-profit organization by prominent members from Academicians and industry players in Singapore.



*Left to right:* Prof. John Schueller, CIGR Fellow; Prof. Emeritus Fedro Zazueta, CIGR Secretary General; Dr. Michael Fu, IAAS Secretary General; Prof. Daniel Lee, CIGR Member; Dr. Jiannong Xin, CIGR Honorary Vice President.

*Left to right* Dr. Michael Fu, IAAS Secretary General; Dr. Cynthia B. Sanders, Alachua County Extension Director, UF/IFAS.

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## International Conference on Smart Agriculture (ICSAID 2025)

The International Conference on Smart Agriculture was held July 12-15 in Beijing, China. With the aim of promoting smart agriculture, the conference engaged scientists, scholars, students, and industrial professionals. Participants shared advances and

experiences in agricultural sensors and intelligent agricultural equipment, digital fishery, agricultural artificial intelligence, agricultural Big-Data, and agricultural and rural new Energies.



*Left to right:* Academician Xiwen Luo ICSAID Chair and CIGR Fellow; Prof. Seishi Ninomiya, CIGR President; Academician Maohua Wang, ICSAID Executive Chair and CIGR Fellow.



## Upcoming Conferences

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APFITA2024 (14th Int. Conference of Asia-Pacific Federation for IT in Agriculture, 6-8 November Tsukuba, Japan



<https://sites.google.com/jsai.or.jp/apfita-2024/>

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6th Pan African Society for Agric. Eng. International Symposium, 13–15 November 2024 Houw Hoek, Grabouw, South Africa



For information contact [senzo@saiiae.co.za](mailto:senzo@saiiae.co.za)

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XIII Congresso Ibérico de AgroEngenharia, 21-23 July, 2025



[Início - AgroIng 2025 - XIII Congresso Ibérico de AgroEngenharia](#)

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## CIGR2026: CIGR World Congress, June 2026

During the CIGR International Conference in Jeju Island, Republic of Korea, Patrizia Busato, Chair of the 2026 CIGR World Congress Invited the participants to attend the CIGR World Congress to be held in June 2026, In Torino, Italy.



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## CIGR 2028: International Conference, 3-6 October 2028, New Delhi, India

The Indian Society of Agricultural Engineering (ISAE) was selected by the 2024 CIGR Executive Board as the organizer for 2028 CIGR International Conference. The venue of the conference will be in New Delhi, India.

