



## Call for Papers for the Special Session on Cyber-Physical Systems for Sustainable Agriculture Innovation

This special session focuses on the transformative role of Cyber-Physical Systems (CPS) in advancing sustainability in the agriculture sector. The session explores innovations in Precision Agriculture (including Sensor networks, autonomous systems, and IoT in crop and livestock management), Sustainable Resource Management (including Smart irrigation, soil monitoring, and energy-efficient farming solutions), Data-Driven Decision Support (including AI/ML applications for optimizing agricultural productivity and reducing waste), CPS in Controlled Environments (including Applications in vertical farming, greenhouses, and hydroponics), Post-Harvest Supply Chain Innovations (including cold chain logistics, real-time tracking, and quality preservation technologies). It provides a platform for discussing emerging technologies, interdisciplinary approaches, and technology solutions to drive sustainability and innovation in agriculture and food systems.

### Special Session Organizers

- Fernando Gomez Bravo, University of Huelva, Spain, [fernando.gomez@diesia.uhu.es](mailto:fernando.gomez@diesia.uhu.es)
- Adriana Guerreiro, University of Algarve and CISCA, Portugal, [acguerreiro@ualg.pt](mailto:acguerreiro@ualg.pt)

### Important Dates

- Paper and Abstract submission deadline: **January 31<sup>th</sup>, 2025**
- Notification of acceptance: **March 15<sup>th</sup>, 2025**
- Final paper submission deadline: **May 1<sup>st</sup>, 2025**
- Early bird registration deadline: **April 30<sup>th</sup>, 2025**
- Regular registration deadline: **June 29<sup>th</sup>, 2025**
- Conference and onsite registration: **from 1<sup>st</sup> to 4<sup>th</sup>, July, 2025**

### Participation

Authors can participate in this Special Session of INCREaSE 2025 by submitting a full paper of 10-16 pages, using the format available in INCREaSE web site ([word](#) or [latex](#)), and accepted papers will be invited to present (in-person or online) a 15-minute oral presentation and will be indexed by Springer.

**Link for Submissions:** <https://meetinghand.com/e/increase-2025/abstract>

### INCREaSE 2025 Conference

The International Congress on Engineering and Sustainability in the XXI cEntury – INCREaSE 2025 is a congress with the aim to bring together valuable and novel scientific contributions to the sustainable development in a multidisciplinary way. This 4<sup>th</sup> edition of INCREaSE will be a hybrid event, held during July 1-4, 2025, in Faro, Portugal, organized by the Institute of Engineering and hosted by University of Algarve.



<https://increase.ualg.pt/>

