

## Call for Contributions

**Note: On site and Online Options**

To accommodate many situations, we are offering the option of either physical presence or virtual participation. We would be delighted if all authors manage to attend in person but are aware that special circumstances are best handled by having flexible options.

**Submission:**

**1. Inform the Chair:** with the Title of your Contribution

**2. Submission URL:**

<https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=GEOProcessing+2025+Special>

Please select Track Preference as **AARS**

### Special track

## **AARS: Advancing Agricultural Analysis by Remote Sensing**

### Chair

Assoc. Prof. Dr. Lidia M. Ortega Alvarado, University of Jaén, Spain

[lidia@ujaen.es](mailto:lidia@ujaen.es)

### along with

**GEOProcessing 2025**, The Seventeenth International Conference on Advanced Geographic Information Systems, Applications, and Services

May 18 - 22, 2025 – Nice, French Riviera

<https://www.iaria.org/conferences2025/GEOProcessing25.html>

The agricultural sector stands at the crossroads of rapid technological evolution and unprecedented global challenges. The Special Track provides an ideal platform to present innovations and cutting-edge research in the field of Remote Sensing applied to Agriculture. Remote sensing has emerged as a transformative tool, empowering agriculture to evolve into a data-driven, resilient, and efficient system.

This is a call to harness the full potential of remote sensing in agriculture and rural development, uniting expertise to address pressing global issues with precision, sustainability, and innovation.

We invite paper submissions addressing these topics.

**Example of subtopics for contributions include, but are not limited to:**

- GIS in Precision Agriculture
- Soil and Land Degradation Monitoring
- Climate impact assessment.
- Machine learning for Crop Monitoring and Yield Prediction
- Big data analytics in processing remote sensing data
- Sustainable Water and Irrigation Management:
- Digital Twins in Agriculture
- Data integration of satellite, UAV, and ground-based sensors

## **Important Datelines**

*Inform the Chair, as soon as you decide to contribute.*

- Submission: March 29
- Notification: April 18
- Registration: April 30
- Camera-ready: April 30

***Note:** The submission deadline is somewhat flexible, providing arrangements are made ahead of time with the chair.*

## **Contribution Types**

- Regular papers [in the proceedings, digital library]
- Short papers (work in progress) [in the proceedings, digital library]
- Posters: two pages [in the proceedings, digital library]
- Posters: slide only [slide-deck posted on [www.iaia.org](http://www.iaia.org)]
- Presentations: slide only [slide-deck posted on [www.iaia.org](http://www.iaia.org)]
- Demos: two pages [posted on [www.iaia.org](http://www.iaia.org)]

## **Paper Format**

- See: <http://www.iaia.org/format.html>
- Before submission, please check and comply with the editorial rules: <http://www.iaia.org/editorialrules.html>

## **Publications**

- Extended versions of selected papers will be published in IARIA Journals: <http://www.iaiajournals.org>
- Print proceedings will be available via Curran Associates, Inc.: <http://www.proceedings.com/9769.html>
- Articles will be archived in the free access ThinkMind Digital Library: <http://www.thinkmind.org>

## **Papers Submission**

<https://www.iaiasubmit.org/conferences/submit/newcontribution.php?event=GEOProcessing+2025+Special>

Please select Track Preference as **AARS**

## **Registration**

- Each accepted paper needs at least one full registration, before the camera-ready manuscript can be included in the proceedings.
- Registration fees are available at <http://www.iaia.org/registration.html>

## **Contacts**

Chair

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