ISPA Newsletter 13(7): Request for Submissions, AgDataBox, Jobs, Events and More

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International Society of Precision Agriculture

MONTHLY NEWSLETTER

Agricultural Robotics for Outdoor and Indoor Crop Production - Request for Submissions

CRC Press Taylor & Francis Group has launched a new book project "Agricultural Robotics for Outdoor and Indoor Crop Production, ISBN: 9781041151098".

Below is the call for chapters flyer.
Further details are available here: www.adaptiveagrotech.com/book_project/

AgDataBox Platform Project

The AgDataBox project is a web platform that aims to integrate data, software, procedures, and methodologies for Precision and Digital Agriculture, developed by the Federal University of Technology of Paraná (UTFPR) and the State University of Western Paraná, at the UTFPR AgroTechnologies Laboratory (AgriLab). The project, developed for on-farm experimentation, includes a set of integrated software programs (AgDataBox-API, AgDataBox-Map, AgDataBox-Mobile, AgDataBox-IOT, AgDataBox-SR) designed to provide all the necessary functionalities and methodologies so that even small producers and producers with limited training levels can analyze data from their fields, generate maps using Kriging and other interpolation methods, generate management zones using various data clustering methods and evaluate them, in addition to enabling the creation of application maps quickly and easily. The entire implemented methodology was previously approved by the scientific community of PA in several renowned journals. AgDataBox is already being used in over 40 countries by approximately 1,200 users and can be accessed free of charge through the AgDataBox - Digital Agriculture Platform. The main application for generating maps, Management Zones, and Application Maps is ADB-Map AgDataBox-Map.

As the project anticipates partnerships between institutions and researchers, anyone interested in participating by testing with their own data, installing the tool in their own institutional structure, or contributing new features can send an email to bazzi@utfpr.edu.br or clbazzi@gmail.com, or contact us via WhatsApp at +5545991042060. Those who simply wish to use the features simply need to create a login and access the system.

ISPA Country Representative - Musa Mishamo

Country Representatives serve to help promote ISPA by championing the ISPA mission and purpose globally, in particular, in the country they represent. ISPA is growing internationally so Country Representatives remain an important position to help ISPA best serve people, groups, governments and others, globally connecting them to science and experts.

Please join us in thanking ISPA Country Representative from the Tanzania, Musa Mishamo.

If you are interested in becoming a Country Representative, please email info@ispag.org with your bio highlighting your experience in precision agriculture and your CV. ISPA requires that all Country Representatives are current members of the society. To become a member, please complete the membership form.

View Country Representatives

Precision Agriculture Incubation Program Cohort 3.0

Precision Agriculture Incubation Program is a youth-centric digital agriculture capacity building Program, from the staple of PRECISION FIELD ACADEMY, The classic African Digital Agriculture Training School causing rapid transformation in the Global Agriculture sector through comprehensive and expository training of youth on the concept of precision agriculture technologies and its application to solve todays pressing challenges emanating in the Agriculture landscape to strengthen and stabilize economic prosperity.

Recognizing the transformative potential of precision agriculture, there is an urgent need to equip young emerging farmers, agricultural professionals, and aspiring agripreneurs who fall into the demography of youth with the need for requisite knowledge and skills to harness these technologies effectively for global opportunity and exploits.

The Precision Agriculture Incubation Program (PAIP) addresses this need by providing comprehensive training in key areas such as drone technology, GIS, data science, Robotics, Internet of Things (IoT), Artificial intelligence (AI), Machine learning(ML), Personal and Corporate branding, Drone business and entrepreneurship. Through this program, participants are empowered to embrace innovation, optimize farm management practices, and contribute to the overall advancement of the agricultural sector by creating local content digital solutions.

For more information and to apply, please visit: precisionfieldacademy.com/paip/

ISPA Members - My Account Information

Manage and update your membership profile information on your unique My Account page.
Login to the ISPA website using your membership credentials, then upload or update your bio and headshot, change your contact information, add links to your social media accounts, and more.

Upcoming Events

13-16 JUL 2026
17th International Conference on Precision Agriculture and the 11th Brazilian Congress on Precision Agriculture
Porto Alegre, Brazil
ispag.org/icpa/conference

3-5 AUG 2026
2026 Nitrogen Use Efficiency(NUE) Meeting
TBD
ispag.org/event_details

10-14 AUG 2026
Cows & Code - The Intensive School in Sensors and Data Analytics for Livestock Researchers
Oklahoma State University campus, Stillwater, Oklahoma
itlecs.okstate.edu/oldis/livestocksensor.vbhtml

23-25 SEP 2026
International Drone Congress 2026
Tucumán Rural Society, Tucumán Province, Argentina
congresodronesarg.com/?utm_source=chatgpt.com

21 OCT 2026
Nitrogen Community Webinar
Virtual
ispag.org/communities/nitrogen

1-3 DEC 2026
4th African Conference on Precision Agriculture
Cairo, Egypt
paafrica.org

11-15 JUL 2027
16th European Conference on Precision Agriculture
Copenhagen, Denmark
ispag.org/Events/ECPA

15-18 SEP 2027
12th Asian-Australasian Conference on Precision Agriculture
Kobe, Japan
smartconf.jp/content/acpa12/

16-19 JUL 2028
18th International Conference on Precision Agriculture
Athens, Georgia USA
Save the date

See the ISPA website for a complete list of events.
Do you have an event that would be of interest to our members? Send us an email to let us know.

Jobs Listing

Graduate Research Assistant (MS) - Agricultural and Biological Engineering - Mississippi State University
Assistant Professor in Horticulture - Department of Botany and Plant Sciences - University of California, Riverside
Graduate Research Assistant (Ph.D.) position in Precision Water Management - University of Missouri-Columbia

Do you have a job you would like to post to the ISPA website? Please send your job announcement, a short description, and the deadline for applications to info@ispag.org

Stay Up To Date with ISPA on Social Media!

Be sure to follow ISPA on X and LinkedIn to stay up to date with what the society has to offer. If you're posting about precision agriculture and would like to reach our international community, please add **#ispag** to your post.

SPAM EMAIL NOTICE: ISPA does not sell your information. If you receive an email indicating that your information has been sold, this is spam. Please be diligent about spammers, if you would like to double check the validity of an email, please reach out to info@ispag.org.

Precision Agriculture Definition

Precision Agriculture is a management strategy that gathers, processes and analyzes temporal, spatial and individual plant and animal data and combines it with other information to support management decisions according to estimated variability for improved resource use efficiency, productivity, quality, profitability and sustainability of agricultural production.

The International Society of Precision Agriculture (ISPA) is a non-profit professional scientific organization.
The mission of ISPA is to advance the science of precision agriculture globally.

Contact newsletter@ispag.org to suggest content for future newsletters or visit www.ispag.org for more about the Society