ISPA Newsletter 9(4) April: Nitrogen Community Survey, Upcoming Community Webinars, 13th ECPA Update, Upcoming Events, Jobs Listing, Contribute

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International Society of Precision Agriculture

MONTHLY NEWSLETTER



Nitrogen Community Survey

The Precision Nitrogen Community will be holding a webinar in July and are interested in feedback about the webinar topic. Please take the survey and let them know your thoughts. Keep an eye on your email for additional details coming soon.

Upcoming Community Webinars

On-Farm Experimentation Community Webinars

OFE2021 - Value Creation

Monday, May 10th, 2021

Farmer-centric On-Farm Experimentation", or "OFE", is a shared, self-sustaining process of change. Value is essential to its development and success. With the aim of enhancing interest, trust and investment in OFE, this webinar will ask: How is value created? How is value shared? Who gains from OFE? How can science and technology improve OFE processes? Experience suggests that farmers need little persuasion to engage; on-farm experimentation is a process they already do and understand. But to scale up, we need to recognize how OFE creates value for varied stakeholders, how value is shared, and how scientific disciplines can contribute. In addition to general insights, we need to explain impact pathways for OFE which contrast markedly with those of conventional research. Clarity on the value propositions offered by OFE will help bridge diverse views from around the world. This webinar will bring together specialists from agronomy, agro-economics and social sciences to clarify and explain the value of OFE. It will also set the scene for the next webinars on People and Processes, Data and Analytics, and Policy Linkages.

OFE2021 - People and Processes

Wednesday, May 12th, 2021

How can we ensure that digitally enabled On-Farm Experimentation avoids the classic "Technology Fallacy," and instead centres transformation around people? Recent research from MIT demonstrated that "people are the real key to digital transformation" (Kane 2019). Change is as much about us and our organizations as it is about the technology. Change occurs when people change, transformation occurs when individual changes scale up through their networks and their organizations. The underlying change throughout is in knowledge and shared culture. This webinar will explore various examples of scalable change that apply to OFE, through lessons learned from thinkers and

practitioners with experience in a range of institutional and business settings across the world. The webinar will focus on identifying interactions between digital technologies and these varied organizational environments that nurture (or impede) transformational change. Attention will be paid to pinpoint specific mechanisms supporting systemic goals of productivity, social and environmental sustainability, in both the Global North and the Global South.

OFE2021 - Data and Analytics

Monday, May 17th, 2021

How should we rethink the planning and analysis of on-farm experiments with farmers' interests in mind? How should we organize and curate data and metadata for this purpose? Farmer-centric experimentation has great potential to improve the design and adoption of better farm management practices. All stakeholders, including farmers, commercial product and service providers, scientists and policy makers, must seize this opportunity to improve farm practices in terms of precision, efficiency and impact. From smallholders to broadacre farmers, from local to greater scales, well-targeted analytics can be deployed to exploit the valuable data already collected on the farm. This webinar will feature five presentations across two axes: 1) analytics at the level of a single farm, group of farms, or big data; and 2) practices to make data and metadata effective, with special attention to agronomic data. Participants will be able to contribute to a summary document presenting key issues and recommendations.

OFE2021 - Policy Linkages

Wednesday, May 19th, 2021

Policy, legislation and investments are necessary to support transformation through OFE which is, essentially, a local process that engages farmers and others around specific changes on the farm. Currently, initiatives around OFE are happening in spite of poorly aligned institutional structures and incentives within the agricultural sciences, with funding mechanisms, career paths and norms favouring traditional experimentation. Harnessing the transformational potential of OFE for agricultural sciences and innovation requires more strategic institutional alignment. To scale up, OFE will need nurturing policy, well-designed legislation and secure investment. This webinar will present issues and proposals relevant to farmer-centric On-Farm Experimentation regarding public policies in relation to agricultural and open innovation systems, investment and data and innovation governance.

Latin American Community Webinar

We would like to invite all to the upcoming Webinar organized by the Latin American Community with the theme: "Precision Agriculture to optimize farm profits and environmental outcomes in Latin America."

The Webinar is scheduled for May 26th, from 10 am to 12 pm CDT. Five speakers from Argentina, Brazil, Chile, Colombia, and Paraguay will present an overview of the recent research, farmer adoption, consumer perception, and company offerings related to the environmental outcomes of adopting Precision Agriculture in their region. After the presentations, the public is invited to contribute questions for a discussion with the panelists.

13th ECPA Update

13th ECPA organizing committee is pleased to inform you that all the authors of the accepted papers have registered for the ECPA2021, so the program is almost complete. Please find here the draft

program of the Event: https://www.ecpa2021.hu/ecpa-timetable/

Given the high niveau of the Papers we expect a great and exciting Conference.

We are very proud to announce that all of our keynote speakers accepted our invitation and will give us a high-standard talk in-person or online. You can check our website to learn more about our keynote speakers: https://www.ecpa2021.hu/keynote-speakers/

As the COVID Situation is very uncertain also in Europe, and we would like to allow as many participants as possible to register for the conference at a reasonable price, **we have extended the Early bird registration deadline until the 1st of May.**

We would like to give you an update about the Covid situation in Hungary. The number of vaccinated people have already reached 2.9 million this week, which is about 30% of the whole population and it is much higher than the general EU rate. The vaccination is at full speed everywhere in the country, so we hope to welcome our participants in a safe and “healthy” venue.

Registration is open to all who are interested in Precision Agriculture.
ECPA 2021 registration – ECPA 2021.

For up-to-date information please check our website:
ECPA 2021 – European Conference on Precision Agriculture 2021

13th ECPA Organizing Committee

Upcoming Events

25-27 FEB 2025
GIS & Drone Applications in Agriculture Conference

29 JUN - 3 JUL 2025
15th European Conference on Precision Agriculture
Barcelona, Spain
ecpa2025.upc.edu/

22-31 AUG 2025
XXXII ISSCT Centennial Congress
Cali, Colombia
issctcennial.com/

14-16 OCT 2025
11th Asian-Australasian Conference on Precision Agriculture
Chiayi, Taiwan
ispag.org/Events/ACPA

2-4 FEB 2026
International Crop Modeling Symposium (iCROPM2026)
Florence, Italy

Week of 13 JUL 2026

17th International Conference on Precision Agriculture and the 11th Brazilian Congress on Precision Agriculture
Porto Alegre, Brazil
ispag.org/icpa

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

- Postdoc in Digital Agronomy for Climate Resilient Perennial Agriculture
- Tenure Track Assistant Professor in soil spectroscopy at Department of Agroecology, Aarhus University
- Assistant or Associate Professor of Extension Soil Management - University of Kentucky - Department of Plant and Soil Sciences
- Precision Agriculture Technologies Extension Specialist - University of Tennessee - Biosystems Engineering and Soil Science
- Assistant Professor (Extension) - Mississippi State University - The Department of Agricultural & Biological Engineering
- University of Georgia - Assistant Professor - Extension Specialist Precision Agriculture Systems

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

Contribute to the ISPA Newsletter

Do you have a precision ag event, project, or news article that our members would be interested in? Please let us know. We post events, job opportunities, and news from members from around the globe. Email info@ispag.org or use the handy online form to submit your contribution.

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.

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