On-Farm Experimentation Community Info No. 48

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On-Farm Experimentation Community (OFE-C)

International Society of Precision Agriculture (ISPA)

Present Your OFE Work at CANVAS 2026: June 9th deadline

A symposium on "**Advances in On-Farm Experimentation**" will take place at the 2026 CANVAS conference in November. If you plan to attend and want your presentation to be part of the symposium, **submit your abstract by June 9th** and select the symposium from the session list during submission. More details on the program will follow. Visit this page to submit your abstract before the deadline.

Join Us in Porto Alegre: Two OFE Workshops at ICPA and ConBAP 2026

The 17th International Conference on Precision Agriculture and 11th Brazilian Congress on Precision and Digital Agriculture (July 13-16, Porto Alegre, Brazil) will host two hands-on OFE workshops on Monday, July 13th. Learn more about these two workshops below.

Both workshops run on the morning of July 13, cost just $25 USD as a conference add-on. **The deadline to register for a workshop is Friday, June 12th**, so register today! If you need to reserve your spot today and pay by June 22nd, please email conference@ispag.org.

Register Today!

Registrants can add a workshop to their current order by completing the Add On Registration Form. You will need your order number to complete the form.

Add On Registration Form

New Open-Access Review: Advanced Data Analytics for OFE

Tanaka, Colaço, Mieno, and Riley have published a **comprehensive open-access review** in *Plant Production Science* (Vol. 29, No. 2) **covering the full landscape of data analytics for OFE**. The paper surveys statistical approaches for spatially heterogeneous field data, machine learning methods for site-specific management, cross-site synthesis frameworks, and simulation-based tools for evaluating experimental designs. It also looks ahead at emerging opportunities, including causal ML, smartphone-based yield estimation for smallholder systems, and the potential role of large language models in supporting farmer-researcher communication. Read the full paper here.

#OFE2021 Conference Papers Now Independently Searchable

The 47 papers from the **First International Conference on Farmer-centric On-Farm Experimentation** (#OFE2021, Montpellier, October 2021) have been **published as independent, peer-reviewed, citable records** in the Cornell eCommons repository. Each paper is now discoverable

through scientific search engines like Google Scholar, giving this body of work the visibility it deserves. The collection covers the four core OFE themes from the conference: people and processes, value creation, data and analytics, and policy linkages. For those who missed the original proceedings, the full multimedia document gathering all 190 contributions, including papers, video presentations, and policy outputs, remains freely available as well. Visit the new collection (47 independent papers) here. And rthe original proceedings (PDF) here.

Submit Your Work to the Frontiers Special Issue on Farmer-Centric OFE

The Frontiers Research Topic "**Farmer-centric On-farm Experimentation Enhanced by Digital Agronomy**," edited by Simon Cook (Murdoch University) and Louis Longchamps (Cornell University), is still **accepting submissions through February 28, 2027**. The topic welcomes contributions across a broad range of formats, from original research and reviews to opinion pieces, case studies, and data reports. Relevant themes include trial interpretation methods, farmer-researcher collaboration models, digital platforms for OFE, climate-smart practices, and the political economy of on-farm research funding. With nearly 830 views and downloads already, there is a growing readership ready for your work. Submit or learn more: Frontiers Research Topic

This letter was prepared by Louis Longchamps, co-chair of the ISPA OFE Community
Should you have something to share with the Community or the Community leaders, let us know here.