On-Farm Experimentation Community Info No. 13

May 20, 2021

On-Farm Experimentation Community (OFE-C) of the International Society of Precision Agriculture (ISPA)

Recordings of the #OFE2021 Webinar Series are Available

The four OFE2021 webinars recordings are now available at https://www.ispag.org/Events/OFE

1. **Value Creation**. OFE creates value for varied stakeholders, value is shared, and scientific disciplines can contribute. *May 10, 2021.*
2. **People and Processes**. People are the real key to digital transformation. Transformation occurs when individual changes scale up through their networks and their organizations. *May 12, 2021.*
3. **Data and Analytics**. Appropriate procedures and well-targeted analytics can be deployed to exploit the valuable data and metadata collected on the farm. *May 17, 2021.*
4. **Policy Linkages**. Currently, initiatives around OFE are happening in spite of funding mechanisms, career paths and norms favoring traditional experimentation. Harnessing the transformational potential of OFE for agricultural sciences and innovation requires more strategic institutional alignment. *May 19, 2021.*

Making Crop Data Sharing Responsible and Reliable

A GODAN webinar with Professor Sabina Lionelli and Dr. Hugh Williamson from Exeter University on Making Crop Data Responsible and Reliable that took place recently. The speakers concentrated on how social intelligence fuels ethical data management strategies for precision agriculture. The recording of the event is now available to watch here.

Data Sharing Toolkit

Data Sharing Toolkit could contribute to unlocking greater food security. CABI and the Open Data Institute (ODI) has launched a Data Sharing Toolkit which could contribute to greater food security in Sub-Saharan Africa and South Asia through better access to data on soil health, agronomy and fertilizer.

Cutting Edge Science symposium on Responsible AgTech Innovation.

CSIRO's Digiscape Future Science Platform and Responsible Innovation Future Science Platform will be hosting a one-day Cutting Edge Science symposium on Responsible AgTech Innovation (27 May 2021 8:30 am – 5:00 pm AEST). The event will bring together key stakeholders to explore how the combination of science, agriculture and responsible innovation can strengthen Australian farming and land management.

AgriTech4.0

The gap is still huge between researchers and farmers. More needs to be done to give them opportunities to have a say in how research happens. However, co-design requires more funding, and more patience. Many companies took part in AgriTech4.0 which was an opportunity to learn about new developments in sensors and data management, and promote the importance of including farmers from an early stage of development. The goal is to help ensure technological solutions are useful, practical and easy to use in farm contexts, ultimately driving uptake of these technologies on farms. Access to the 45+ recorded presentations can be purchased here.

Featured Article

Trevisan, R.G., Bullock, D.S. & Martin, N.F. Spatial variability of crop responses to agronomic inputs in on-farm precision experimentation. Precision Agric 22, 342–363 (2021).

Should you have something to share with the Community or the Community leaders, let us know here.