On-Farm Experimentation Community Newsletter No. 4 - Next Week: Webinars 3) Analytics, and 4) Policies

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ISPA | International Society of Precision Agriculture

NEWSLETTER

On-Farm Experimentation Community

OFE2021 Banner V2



The #OFE2021 Webinar Series - Two more to go!

The On-Farm Experimentation Community is pleased to announce that the first two #OFE2021 webinars (1. Value creation; 2. People and processes) were great successes with a total of 200+ participants from all over the world. Next week, two more webinars will be presented (3. Data and analytics; 4. Policy linkages). Don't miss them!

View the session details below and be sure to register for the last two webinars! **Free and open to all.**

3. Data and Analytics

Monday 17th (8-10 a.m. Chicago = 3-5 p.m. Paris)

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.

OFE Data Webinar Content

Program: Data and Analytics
Chair: Dr Nicolas Tremblay – Agriculture and Agri-Food Canada

Nicolas Tremblay ISPA OFE-C co-lead	**Welcome and introduction to the theme**
Takashi Tanaka Gifu University, Japan	**Rethinking the analysis of experiments on the farm**
David Makowski INRAE, France	**The next level: data agglomeration among farmers**
Richard Tiffin Agrimetrics, UK	**Big and large-scale data analysis**
Gerrit Hoogenboom University of Florida, USA	**The need and the resources to be FAIR**
Medha Devare, CGIAR, France / **Cheryl Porter** University of Florida, USA	**The Babel tower of agronomic data. What can we do?**
Nicolas Tremblay	**Thanks and next steps**

4. Policy Linkages

Wednesday 19th (8-10 a.m. Chicago = 3-5 p.m. Paris)

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.

OFE Policy Webinar Content

Program: Policy linkages
Chair: Dr Stéphane Lemarié & Dr Véronique Bellon-Maurel – INRAE

Stéphane Lemarié, INRAE, France **Véronique Bellon-Maurel,** INRAE, France	**Welcome and introduction to the theme**
Myrtille Lacoste, Curtin University, Australia	**Introduction : What is OFE**
Maciej Krzysztofowicz, JRC, European Commission **Gianluca Brunori,** University of Pisa, Italy	**How OFE questions agricultural Innovation Public Policy.**
Agnès Maitre AFD, France **Claire Rhodes,** Producers Direct, UK	**How to deal with OFE needs for investment?**
Leanne Wiseman, Griffith University, Australia **Simone Van der Burg,** WUR, the Netherlands	**What are data governance issues in OFE?**
Derek Byerlee, Georgetown University, Washington DC, USA	**Wrap up : lessons learned and open questions**
Stéphane Lemarié, INRAE, France	**Closure – Next phases**

The #OFE2021 Conference

Following the webinars, the First Conference on Farmer-Centric On-farm Experimentation — Digital Tools for a Scalable Transformative Pathway is scheduled for October 13th-15th 2021 in Montpellier, France (or virtually if need be).

More information

- Download the 2-page introduction to the Conference ('PDF' or 'see online')
- Subscribe to the Conference News for updates

Supported by

The conference is supported by the OECD Co-operative Research Program (CRP) “Biological resource management for sustainable agricultural systems,” under Theme 3 — Transformational technologies and innovation. It is organised by INRAE Montpellier and the On-Farm Experimentation Community (OFE-C) of the International Society of Precision Agriculture (ISPA).

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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 ofec@ispag.org or visit www.ispag.org for more about the Society