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International Society of Precision Agriculture

MONTHLY NEWSLETTER



Abstracts Deadline for 14th ICPA Extended Until December 22

Thanks to everyone who submitted abstracts to the 14th ICPA by the November 30 deadline. We had a terrific surge of submissions the final week for a total of over 300 abstracts submitted. We also had a number of requests to submit an abstract after the deadline. We have allowed for these later submissions and we want to be fair to everyone, so we are extending the deadline to **22 December 2017**.

Due to the need to review all abstracts in a timely manner we will need to maintain this as the final deadline for submissions.

Abstracts can be submitted online at https://www.ispag.org/abstracts.

If you have any questions about submitting or the conference, please contact abstracts@ispag.org or phone +1217-762-7955.

Opportunities for Exhibitors and Sponsors

As an elite vendor in the precision agriculture industry it's important to connect to clients, prospects, and their centers of influence. Trade shows and conferences offer a unique opportunity to meet your clients and prospects and show off your latest offerings.

The **14th ICPA will be held in Montreal, Quebec, Canada June 24-27th, 2018**. This marks the first time ICPA will be held outside the United States. With precision agriculture growing steadily across Canada this will be an excellent opportunity to expand interest in your company with centers of influence from across North America and the rest of the world.

ICPA typically brings about 400 people from 30+ countries. The attendees consist of precision agriculture researchers, extension, and academics as well as top crop consultants and precision ag vendors. These attendees are the leaders in precision ag research and innovation from countries around the globe. They regularly consult with growers, consultants, companies and governments on recommendations for precision agriculture technologies.

ICPA is organized by the International Society of Precision Agriculture. By attending ICPA you will make with connections with attendees and also with Society members, further spreading the word about your products and services globally all through one key event.

Exhibit at ICPA and consider sponsoring to increase your exposure at this truly international event.

More information is attached and available online: Exhibits, Exhibit Hall, Sponsor Opportunities

Please contact us with any questions: info@ispag.org or call +1 217 762 7955.

SmartAg International Symposium Focuses Technology on Food and Agriculture

The SmartAg International Symposium, held at Michigan State University (MSU) on December 3-6, aimed at connecting the researchers, practitioners and policy makers who will tackle the global agro-food problem of producing more with less.

“We’re uniting emerging smart technologies to work on the world’s potential food shortage,” said John Verboncoeur, chair of the SmartAg Initiative executive committee. “We need to double food production in the decades to come. Strategies include improving access, enhancing production efficiency, and reducing losses and waste in the food supply chain from production to consumption.” Verboncoeur is the associate dean for research in the MSU College of Engineering and a professor of electrical and computer engineering, and computational mathematics, science, and engineering.

The SmartAg International Symposium was co-sponsored by the Institute of Electrical and Electronics Engineers (IEEE), the American Society of Agricultural and Biological Engineers (ASABE), Purdue University, and MSU at the Kellogg Hotel and Conference Center in East Lansing, Michigan. Program topics ranged from the Internet of Agriculture to crop modeling, biosensing technology, robotics and automation, and smart food packaging. ISPA Past-President Ken Sudduth presented on “Precision Agriculture: Challenges and Opportunities.”

Input from symposium participants will be used to develop a blueprint for a sustainable community in SmartAg. Another workshop is planned for the summer of 2017 in conjunction with the ASABE Annual International Meeting in Detroit.

For more on the SmartAg International Symposium, visit: www.smartag.egr.msu.edu

Global Soil Organic Carbon Map

The Global Soil Organic Carbon Map (GSOCmap) is not just a map. It is also a comprehensive process that supports the development and empowerment of national capacities to build their national soil information systems. Since SOC is highly dynamic we need to know how much SOC is stored in our soils and monitor changes around the world, especially in vulnerable hotspots.

Case Studies for Weather Data

Reliable and accurate weather prediction is vitally important in numerous areas of society, particularly agriculture and water management and weather risks are evaluated by a wide range of businesses. A special report of the National Science Foundation tells more about the prediction of seasonal weather. These ten stories of climate-smart agriculture show how farmers cross the globe are benefiting.

On-Farm Data Sharing Community: Papers of Interest

The ISPA On-Farm Data Sharing Community suggests to have a look at these papers:

- EAGLE, A. J., CHRISTIANSON, L. E., COOK, R. L., HARMEL, R. D., MIGUEZ, F. E., QIAN, S. S. & RUIZ DIAZ, D. A. 2017. Meta-analysis constrained by data: Recommendations to improve relevance of nutrient management research. Agronomy Journal, 109, 2441-2449.
- Papers from SciDataCon 2016, part of International Data Week, Denver, Colorado now available in the CODATA Data Science Journal. Two suggested readings:
  - Pasquetto, I.V., Randles, B.M. & Borgman, C.L., (2017). On the Reuse of Scientific Data. Data Science Journal. 16, p.8. DOI: http://doi.org/10.5334/dsj-2017-008
  - Husen, S.E. et al., (2017). Recommended versus Certified Repositories: Mind the Gap. Data Science Journal. 16, p.42. DOI: http://doi.org/10.5334/dsj-2017-042

5th InterMET Asia, Singapore 10-13 April 2018

5th InterMET Asia International Exhibition & Conference for Meteorology, Hydrology and Climate Services, Singapore 10-13 April 2018

InterMET Asia 2018 is a unique marketplace bringing together the global weather and climate industry with those in the public and private sectors seeking to mitigate and manage the risks of extreme weather and climate change, and to understand the opportunities.

Focused on Asia, Africa and the Pacific Island regions, it has taken place annually in Singapore since 2014. In 2017, companies and decision makers attended from some 44 countries. The show will again feature Special Sessions on Public-Private Sector co-operation sponsored by the World Bank and the Global Facility for Disaster Reduction & Recovery. For 2018, InterMET will be acompanied by a new launch, InterFLOOD Asia, which will focus on the management and mitigation of weather and related flood hazards.

Who will attend?
The event targets operations directors, meteorological officers, forecasters, senior scientists and director-generals from national and international weather services, as well as key decision-makers from weather-sensitive businesses, including agriculture, energy, transport and other areas of public and private enterprise.

Event websites: http://www.intermet.asia/ and http://www.interflood.asia

To book conference places, visit: https://www.eventbrite.co.uk/e/intermet-asia-interflood-asia-conference-registration-38804373927

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