ISPA Newsletter Volume 5 Issue 1

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International Society of Precision Agriculture

MONTHLY NEWSLETTER







Reminder of 14th ICPA Abstracts Deadline

Just a reminder that the abstracts **deadline for the 14th ICPA is November 30th**, this Thursday.

More about the topics for this conference and other submission details are available at https://www.ispag.org/abstracts

ISPA Newsletters

ISPA will be issuing regular monthly newsletters and we need your help.

Please send in materials for articles, events, and papers of interest. The submissions can be a link to a webpage or document, dates of events or upcoming deadlines, photos you have taken or are featured in. We are wanting to help share the developments in precision agriculture research and innovation within our Society. So please consider sending an item of interest to share. All entries will be reviewed.

Some suggestions for submission include:

- Photos: ISPA members at precision agriculture events or in the news, technology at work in the field
- Events: precision agriculture events of interest to members, can be global, country or even regional meetings
- Papers/Presentations: note a new citation with colleagues, or share a presentation you have done
- Articles: send in references to news articles related to precision agriculture and other technologies
- Websites: send in a url of a good website or particular page about precision agriculture, include the url and a short write up of the link

Please send submissions to newsletter@ispag.org.

Developing Countries Membership Rate

ISPA has adopted a stepped membership fee structure. We now offer reduced fees to those living and working in low and lower-middle income countries. We use the World Bank classification of countries for our reference. Those living and working in low-income or lower-middle income economies are granted the reduced membership fees of 50% off regular membership rate.

To receive the Developing Countries Membership rate, you must have residency in, must be currently living in, and be a citizen of the qualifying country. Specifically, the mailing address on the application

must be in the qualifying country.

ICPA - ECPA - ACPA Proceedings Consolidation

ISPA is pleased to announce the beginning of consolidation of the ICPA-ECPA-ACPA proceedings on the ISPAg.org website.

ISPA offers a searchable database of ICPA proceedings since 2008. We also offer links to resources for ECPA and ACPA proceedings online.

Economics Community

The ISPA Board of Directors approved the application of the Precision Agriculture Economics, Profitability, Adoption, and Risk Community.

The scope of this community includes all agricultural economists and associated economic topics including other social sciences. Pertinent topics are profitability, economics, efficiency, and adoption. Economists often examine the profitability of precision either as individual or bundled technology. The economics at the micro- and macro-scale are being evaluated. The adoption trends of technology in both developed and developing countries are often a sub-theme that economists study. Social science topics may include impacts of technology on the rural household, not just the farming operation.

Proposed activities

- Organize two oral paper sessions at each ICPA, one for profitability and economics and the other on adoption trends and other social science issues.
- Hold bi-yearly virtual meetings via Skype or similar to encourage worldwide collaboration on adoption trends of precision technology.
- Hold breakfast meeting at ICPA in even number years to elect Community Leaders and discuss topics for collaboration to present at the next ICPA.
- Community members will reach out to their colleagues to encourage abstract submission for consideration for presentations.
- Maintain web page on ISPA website including list of current projects and team members
- Contribute an entry for ISPA newsletter twice a year

Please contact Terry Griffin, Leader or Jordan Shockley, Vice-Leader for more information and participation.

Definition of Precision Agriculture

Do you want to help put together ISPA's definition of "precision agriculture" (PA)? Please volunteer by sending your name to president@ispag.org. Definitions of PA are all around the place and we feel it is about time to establish our own. Just recently, the Soil Science Society of America has come up with a new definition of soil. PA has considerably evolved since its infancy and we think we would do a great service to those wondering what PA is all about by establishing the ISPA's definition of PA. If you have something to say and you want to be part of this initiative, it is time to show up! We will be using a collaboration platform to work that definition out in a sleek and efficient manner.

In the News...

Precision Herbicide "Blasting" (video): A new weed technology uses a combination of infrared, sensors, and nozzles to detect plants and aim a blast of herbicide at a spot the size of a nickel.

Robot Farmers? Miniature robot farmers may be the answer to concerns about excess chemical use, food waste, and labor shortages.

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