ISPA Newsletter 8(7) July 2020: NUE Workshop Postponed, Upcoming Events, Job Listing

Jul 16, 2020

International Society of Precision Agriculture

MONTHLY NEWSLETTER



2020 ISPA Membership - JOIN or RENEW

Membership to the International Society of Precision Agriculture (ISPA) provides many benefits to academia including undergraduate and graduate students, industry, consultants, and others interested in precision agriculture. Most notably, membership provides connections and networking with people from around the world focused on advancing precision agriculture through research and education. Additional membership benefits include:

- Membership account provide limited electronic space to post your resume, pictures, etc., for greater networking and professional opportunities.
- Access to electronic copy of society's journal "Precision Agriculture".
- Opportunities to publish research and review articles in the society's journal.
- Opportunities to present oral and poster papers at the society sponsored events such as International Conference on Precision Agriculture, Asian Conference on Precision Agriculture, European Conference on Precision Agriculture, and African Conference on Precision Agriculture.
- Discount on registration fee to the conferences sponsored by ISPA.
- Regular newsletter that will provide information from around the world related to Precision Agriculture research activities and industry updates.
- Opportunities to nominate and be nominated by other members for the ISPA sponsored awards and recognition at the society events.

ISPA Membership Categories include 1) individual, and 2) Graduate and Undergraduate Student. One can join or renew their membership online at https://www.ispag.org/membership/MembershipForm or by downloading the PDF form to complete and handle payment.

For current members that have not renewed for 2020, just a reminder to complete the renewal process. There are several exciting opportunities coming up including the 2020 virtual International Conference of Precision Agriculture (ICPA). Also, take the time to send information about ISPA membership to your colleagues and connections. Precision Agriculture or Digital Agriculture remains a growing field and of high interest globally even to those outside of agriculture.

2020 CropLife-Purdue Survey

Survey Shows Growth in Farm Data Use in the USA.

The 2020 CropLife-Purdue Precision Agriculture Dealership Survey shows continuing steps toward use of farm data in decision making. Some key insights from the survey are:

- For crop nutrient decisions, 78% of dealers said phosphorus and potassium decisions were at least somewhat influenced by pooled farm data, similar to last year but nearly doubling compared to three years ago, and 74% saying nitrogen decisions were being influenced, up from 39% in 2017.
- Use of guidance technology continues, with 94% of dealers report using some type of GPS guidance and 81% using autosteer.
- This is the first year that dealers offering robotic scouting or weeding services appears on the survey. Responses indicate that 3% of dealers offer those services now and an additional 17% are expecting to offer those robotic services within the next three years.

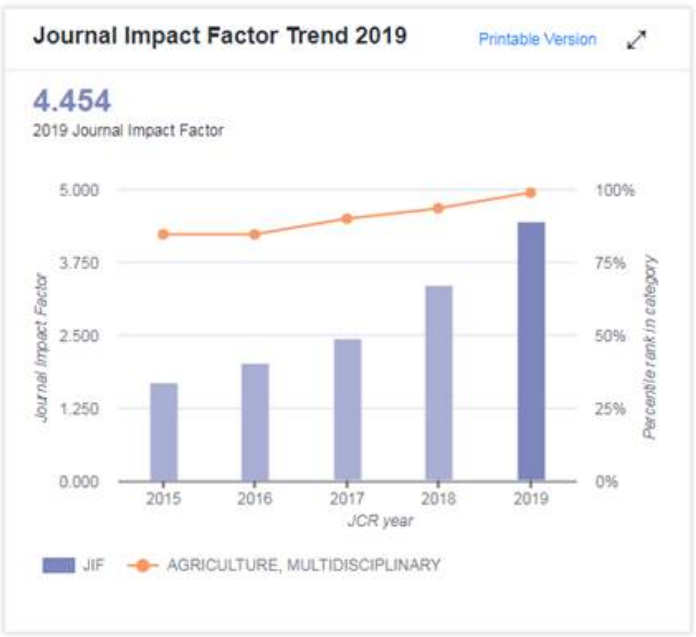
The CropLife article on the survey is available at: https://www.croplife.com/management/2020-precision-ag-dealership-survey-moving-the-needle-on-decision-agriculture/#Tinsel/83847/1. A full report on the survey should be posted on the Purdue website later this year.

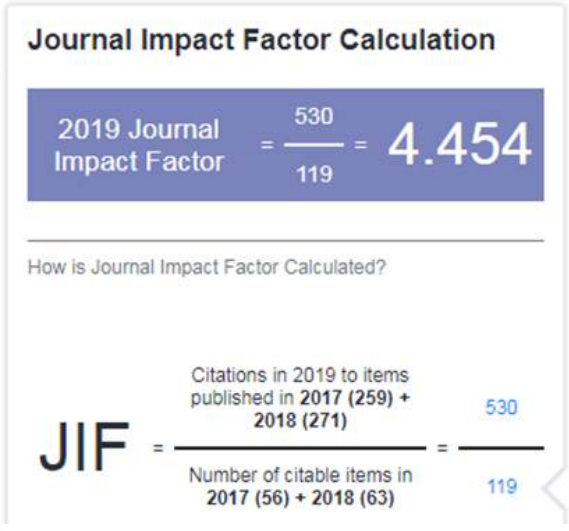
2019 Impact Factor

ISPA is pleased to share that the 2019 Impact Factor for *Precision Agriculture* is **4.454**. That is an increase of 32% compared with the 2018 IF (3.356).

Precision Agriculture ranks 1st, from 58 journals under the Agriculture Multidisciplinary category and it is in the first quartile.

Below is the Impact Factor trend during the last 5 years and also the IF calculation.





2020 NUE Workshop Postponed to 2021

The 2020 NUE (Nitrogen Use Efficiency) Workshop has been postponed until August 2nd 2021 due to the COVID-19 pandemic. This annual, national workshop centers on networking and exchanging innovative ideas around improving nitrogen use efficiency in agriculture systems. This will also be a great opportunity for graduate students and scientists to network with industry representatives and establish collaborations. We look forward to seeing you next year in Lincoln, Nebraska for this unique

event!

Laila Puntel
Chair NUE Workshop 2021
lpuntel2@unl.edu

African Conference on Precision Agriculture (AfCPA 2020) - Call for Papers

This inaugural conference provides a great opportunity to get involved early, to share ideas, gain visibility, and expand your network with partners focused on the common goal of developing precision agriculture solutions for Africa.

Centered in Marrakech, this unique event will have its main program hosted at the Mohammed VI Polytechnic University (UM6P) campus. This main program will be simulcast to a network of 14 satellite sites across Africa including: Ouagadougou, Burkina Faso; Yamoussoukro, Cote d'Ivoire; Cairo, Egypt; Addis Ababa, Ethiopia; Cape Coast, Ghana; Nairobi, Kenya; Kenitra, Morocco; Ibadan, Nigeria; Dakar, Senegal; Tanga, Tanzania; Lome, Togo; Tunis, Tunisia; Lusaka, Zambia; Harare, Zimbabwe.

Abstract submission for the 1st AfCPA is open at https://paafrica.org/Abstracts/Abstract_Management.

AfCPA 2020 seeks to highlight new advances in the fields of experimental and applied precision agriculture and we invite you to submit abstracts for oral, poster, or virtual presentations within one of the conference topics of interest. Authors of accepted abstracts will be entitled to make their presentation at AfCPA 2020 after payment of registration fees. They will also be entitled to submit full papers (more details later) for the Conference Proceedings, which will be published on the website and made available after the conference.

Deadline for submission of abstracts is **15 AUG 2020**. Questions pertaining to abstract submissions should be addressed to info@paafrica.org.

Sincerely,
Dr. Steve Phillips
Chair of the 1st African Conference on Precision Agriculture

13th ECPA

We are still optimistic about 13th European Conference on Precision Agriculture (ECPA2021). We truly hope that the pandemic situation will be over by next year and travel restriction will be in the past…For this reason, we would like to kindly remind all the precision agriculture community to keep the dates from July 19th to 22nd 2021 marked for 13th ECPA, which will be held in Budapest, Hungary. ECPA2021 will be held under the auspices of the International Society of Precision Agriculture (ISPA) and organized by Hungarian Society of Precision Agriculture/Agroinform Media Ltd.

The **abstract submission** period will be open soon. The deadline for submissions will be **30th September 2020**. The abstract submission process should be familiar to most of the participants, as Wageningen Academic Publishers OASES system will be used again. Abstract acceptance, for poster or full paper submission will be notified Mid-October.

Please make sure to check the conference website (13th European Conference on Precision Agriculture) regularly for the latest news and updates. With all the uncertainties, we are trying our best to keep you updated!

With the unfortunate situation that ICPA had to be postponed, we would like to highlight that ECPA is a great opportunity for your abstract!!!!

The academic quality of the proceedings will be guaranteed by careful editing through a peer review process by the scientific committee. After the conference, oral presenters will be invited to expand their manuscripts and submit them to a special issue of the Precision Agriculture Journal.

The higher the attendance the better ECPA works for all!

The ECPA conference is an excellent forum in Europe and worldwide to focus on specific Precision Agriculture topics while discovering what our colleagues are working on, enabling synergies and co-operation.

We are looking forward to seeing you in Budapest.

The organizing committee

Upcoming Events

25-27 FEB 2025
GIS & Drone Applications in Agriculture Conference

29 JUN - 3 JUL 2025
15th European Conference on Precision Agriculture
Barcelona, Spain
ecpa2025.upc.edu/

22-31 AUG 2025
XXXII ISSCT Centennial Congress
Cali, Colombia
issctcennial.com/

14-16 OCT 2025
11th Asian-Australasian Conference on Precision Agriculture
Chiayi, Taiwan
ispag.org/Events/ACPA

2-4 FEB 2026
International Crop Modeling Symposium (iCROPM2026)
Florence, Italy

Week of 13 JUL 2026
17th International Conference on Precision Agriculture and the 11th Brazilian Congress on Precision Agriculture
Porto Alegre, Brazil

ispag.org/icpa

See the ISPA website for a complete list of events.
Do you have an event that would be of interest to our members? Send us an email to let us know.

Jobs Listing

- Postdoc in Digital Agronomy for Climate Resilient Perennial Agriculture
- Tenure Track Assistant Professor in soil spectroscopy at Department of Agroecology, Aarhus University
- Assistant or Associate Professor of Extension Soil Management - University of Kentucky - Department of Plant and Soil Sciences
- Precision Agriculture Technologies Extension Specialist - University of Tennessee - Biosystems Engineering and Soil Science
- Assistant Professor (Extension) - Mississippi State University - The Department of Agricultural & Biological Engineering
- University of Georgia - Assistant Professor - Extension Specialist Precision Agriculture Systems

Do you have a job you would like to post to the ISPA website? Please send your job announcement, a short description, and cutoff deadline for applications to info@ispag.org

Contribute to the ISPA Newsletter

Do you have a precision ag event, project, or news article that our members would be interested in? Please let us know. We post events, job opportunities, and news from members from around the globe. Email info@ispag.org or use the handy online form to submit your contribution.

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