

## International Workshop on Precision Agriculture



Submission deadline extended for June 16<sup>th</sup>, 2019

### PrecAgri'19

26-28 September 2019, Saidia, Morocco

#### Workshop Chair:

Kamal ABERKANI, UMP, Morocco

#### Technical Program Committee:

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#### Important Dates:

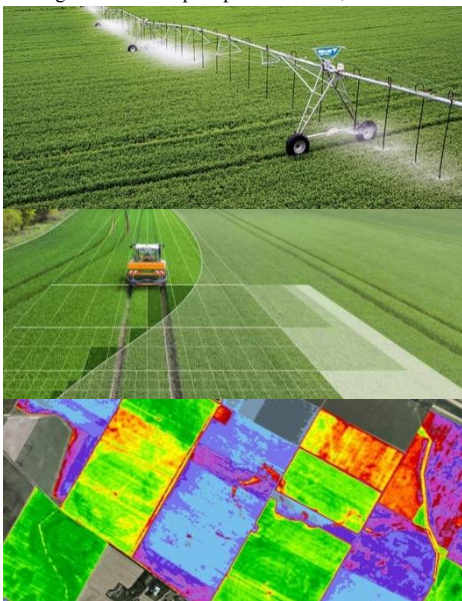
Submission deadline: June 16<sup>th</sup>, 2019

Acceptance notification: July 1<sup>st</sup>, 2019

Camera ready deadline: July 15<sup>th</sup>, 2019

Authors registration deadline: August 31<sup>st</sup>, 2019

PrecAgri'19 Workshop: September 26-28, 2019



Agriculture has been developed during the last decade thanks for advances in scientific research and innovations in technologies. "Precision Agriculture" has born the day that farmers needed taking good decision for optimizing returns on inputs while conserving resources and environment. Precision agriculture aims to optimize field management with regard to crop science, environmental protection and improving economy of the grower. However, agriculture is facing actually complicate challenges such as global warming, climate changes, deterioration of natural resources, economical mutation, etc. Thus, there is a need to focus researches and investigations on precision agriculture. Therefore, smart technologies will permit to achieve this goal in field of agriculture.

The International Workshop on Precision Agriculture (PrecAgri'19) will be included with the First International Conference on Smart Information and Communication Technologies (SmartICT'19). The workshop will cover smart farming management for plants productions. This will be an opportunity for meeting with researchers, professionals and interested in this field. In addition, PrecAgri'19 will be an occasion to exchange knowledge, as well as to identify new research topics in field of precision agriculture and to start new collaborations between researchers.

The greatest selected and reviewed papers presented in the International Workshop on Precision Agriculture will be included in the conference proceedings published by Springer.

### Scope and Topics

The workshop wills emphasis on smart farming for crop management and will cover the following topics:

- Intelligent strategies for monitoring irrigation systems and water management
- Crop health indicator and pest control
- Smart fertilizers application
- Detection of crop responses for environmental changes
- Perfection of plant production and quality
- Controlled environment for plant growth and crop production
- Remote sensing tools for crop management
- Smart selections of type of plantations, cultivars and varieties
- Engineering technology,
- Airborne and satellite remote sensing
- Adoption and economics of precision agriculture management
- Software and mobile Apps
- Precision agriculture for sustainability
- Mapping of soil factors
- Precision crop protection
- Proximal and remote sensing of soil and crop
- Smart weather and plant microclimate
- Precision for natural resources variability
- Environmental coverage including sediments, leaching, runoff and drainage

### Submission Guidelines and Publications

Prospective authors are invited to submit papers to the workshop in any of the areas of interest. Submitted papers must be written in English. The paper should not exceed 8 pages in length, including all figures, tables, and references, using the template. However, authors can add up to 2 extra pages with the appropriate fee payment (total MAX. 10 pages). All submitted papers should use the Word or LaTeX templates from Springer.

Papers should be original and not previously submitted to other Conferences or Journals. All submissions will be reviewed on the basis of relevance, originality, importance and clarity following a double-blind peer review process. One of the authors of an accepted submission must attend the conference and present their work (in the form of either oral or poster presentation) as a condition of publication.

For interested participants for this workshop, please choose "PrecAgri'19". The full papers should be submitted in PDF format to the PrecAgri'19 online submission system.

All presented papers (respecting authors instructions) will be included in the SmartICT'19 conference proceedings published by Springer's LNEE.

Further details are available on the webpage: <http://smartict.ardti.org/workshops/precagri.html>



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