



International Conference

on

Sustainable Computing in Science, Technology & Management
(SUSCOM-2019)

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Emerging Issues in Information & Communication Technologies for Sustainable Development in Agriculture

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Aims & Scope:

Smart Techniques in Agriculture is new emerging field in the research. It provides new parameters to help the farmers for better crop production and monitoring. It covers the entire agriculture process with the help of ICT enabled services. Smart Technologies in Agriculture encompasses different ICT enabled services in the process of agriculture. It includes Global Positioning System, RS & Geographical Information System, Image Processing, Sensors Technologies and Smart Phones Application Development that will help for building the Decision Support Systems for crop production and management.

Subtopics:

- Spatial analysis and zoning of within-field an on-farm variability.
- Proximal and remote sensing of soils and crops.
- Sampling and geostatistical analysis.
- Wireless sensor networks, Internet of Things, big data in Agriculture.
- Variable-Rate Technologies.
- Precision irrigation.
- Ag-engineering and robotics.
- Precision crop protection.
- Nitrogen sensing and management.
- Crop models and decision support systems in Agriculture.
- Real implementation and effectiveness of Agriculture (economical and/or environmental).
- Real time implementation of Farmers oriented Smart Phone Application Development.
- Automated Systems in Agricultures.
- E-Commerce for Agriculture.
- Precision Agriculture and Global Food Security.
- Applications of Unmanned Aerial Systems.
- Robotics, Guidance and Automation.

- Smart Weather for Precision Agriculture.
- Site-Specific Nutrient, Lime and Seed Management.
- In-Season Nitrogen Management.
- Precision Crop Protection.
- Drainage Optimization and Variable Rate Irrigation.
- Land Improvement and Conservation Practices.
- Site-Specific Pasture Management.
- Precision Horticulture.
- Profitability and Success Stories in Precision Agriculture.
- Education and Outreach in Precision Agriculture.
- Genomics and Precision Agriculture.
- Small Holders and Precision Agriculture.

Technical Programme Committee(s):

- Dr. Vijay Singh Rathore, JECRC University, Jaipur.
- Dr. Maju Kaushik, JECRC University, Jaipur.
- Dr. Manish Saroliya, Jaipur National University, Jaipur.
- Dr. Shiv Nath Ghosh, Dean T & P at Maharana Pratap College of Technology, Gwalior.
- Prof. Madhusudhan Acharya, Emeritus Scientist, MPUAT, Udaipur.
- Dr. Ashwini Sharma, Rajasthan Technical University, Kota.

Submission Procedure:

Researchers and practitioners are invited to submit papers through the below given easy chair link:

<https://easychair.org/conferences/?conf=suscom2019>.

Select the special session track from the listed track. All submissions must be original and may not be under review by another publication. The submitted papers will be reviewed on a double-blind and peer review basis.

Publications:

All registered and presented papers will be published in the **ELSEVIER-SSRN Digital Library** at <https://hq.ssrn.com/conference=SUSCOM-2019>. Extended versions of selected papers will be considered for the special issue of journals indexed in ESCI, Scopus, SCIE, DBLP, Web of Science, ACM, Compendex, INSPEC, Thomson Reuters, Cabell's Directories to name a few.

All inquiries should be directed to the attention of Session Chair/Co-Chair:

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