e-ASIA 13th Call for Proposal Agriculture (Food) Workshop "Climate- Smart Food Production"

2024, Jan 16, Online

Possible research topics

1. **Innovative sensing, data processing**
2. **Design pest and disease warning system**
3. **Novel ICT technologies for field and post-harvest management**
4. **Educational materials on ICT for farmers**
5. **Development of integrated agriculture data platform**
6. **Social economic analysis on climate-smart food production**

> Other topics related to "Climate-Smart Food Production" are also welcome

Speakers

Invited speakers:
Dr. Wei GUO, Assoc Prof, Univ of Tokyo, JP
"IOT, Robotics and AI based plant phenotyping techniques for smart agriculture"
Dr. Vorapat Vachirayakorn, Assoc Prof, Thammasat Univ, TH
"Transforming Tropical Farming: Excelling in Climate-Adaptive"
Dr. Zin Thu Thu Myint, Assoc Prof, Univ of Computer Studies, Yangon, MM
"Sustainable Water Resource Management & Soil Impact Monitoring System in the Lower Toe and Thakhut"
Dr. Ir. Dede Dirgahayu Domiri, M.Sc., National Research and Innovation Agency (BRIN), ID
"Role of Remote Sensing Data for Monitoring Agricultural Land"
Dr. Ye Rongling, Asst Prof, Shinshu Univ, JP
"Remote Sensing Technology in Agricultural Investigation"
Dr. Peerasak Chaiprasart, Assoc. Prof., Naresuan University, TH
"Effect of Climate Change to Thai Tropical Fruit and Adaptation"
Dr. Decibel F. Eslava, Professor, University of the Philippines Los Baños, PH
Dr. Gunawan Setyo Prabowo, M.T., National Research and Innovation Agency (BRIN), ID
"Development of Rumpin as a Drone Precision Farming Laboratory"
Dr. Takashi Tanaka, Assoc Prof, Gifu Univ, JP
"Using on-farm experimentation to transform agronomic research"
Closing Remarks: **Prof. Makie Kokubun**, Prof emeritus, Tohoku Univ

Pitch Speakers:
Dr. Mukhammad Muryono, Assoc Prof, Biology Institute Technology of 10 Nopember
"Crop Improvement and Evaluation Towards the Realization of Direct Air Capture Agriculture"
Master Rui Qiuzhi, Ph.D Student, Tohoku Univ, JP
"Characterizing Salt Tolerance Traits in Soybean R oots Through Image Analysis"
Mr. Chao-Hui Feng, Kitami Institute of Technology, Japan
"Applying non-invasive technology in conjunction with multivariate analysis to assess the quality characteristics of foodstuffs"
Dr. Jim Burridge, Univ of Tokyo, JP

> Discussion Topics: Researcher Exchange, Training Course, Collaborator Finding