

Session A3 Smart Agriculture: Innovation and Practices of Agricultural Robot

Time: 10:10-11:40, 8th September

Room: 305C

Co-Chairs

HE Yong, Zhejiang University, China

GUO Jie, Hainan University, China

Exploration and Trend of agricultural robots for fruit and Vegetable
FENG Qingchun (Beijing Academy of Agriculture and Forestry Sciences, China)

Research on low-carbon transformation path of China's rice industry based on climate-smart big data model
JIANG Qianjing (Zhejiang University, China)

Estimation and Variation of Length of Growing Season Using Satellite Based Derived Indices in the Selected Districts of Punjab, Pakistan
Danial Afzaal Abbasi, Institute of Geo-information & Earth Observation, PMAS Arid Agriculture University Rawalpindi, 46300, Pakistan

Spatially explicit estimation of high-resolution irrigation water use across China using Earth observation data and deep learning
BO Yong, Aerospace Information Research Institute of the Chinese Academy of Sciences, China

Remote Sensing-Based Estimation of Irrigation Water Use Using Transfer Learning Methods
LIU Yizhuo, Aerospace Information Research Institute of the Chinese Academy of Sciences, China
