

November 6-8, 2026

Wuxi, China

SPECIAL SESSION 1

Low-Altitude Remote Sensing: Intelligent Interpretation and Applications

This special session is dedicated to exploring the intelligent processing of low-altitude remote sensing data and its diverse industry applications. It focuses on core technologies, including multi-source data acquisition and preprocessing, deep learning-based typical geographic target detection and semantic segmentation, multi-modal data fusion, as well as change detection and dynamic monitoring. Furthermore, it covers key application domains such as precision agriculture, ecological environment assessment, urban planning and management, intelligent infrastructure inspection, and disaster emergency response. This session aims to systematically reflect the cutting-edge research advances and engineering practices in this field.

The session will cover a broad spectrum of cutting-edge topics, including:

- 1, UAV Target Detection and Recognition
- 2, Multi-Modal Data Fusion for Low-Altitude Sensing
- 3, Precision Agriculture from Drone Imagery
- 4, Urban Environment Perception and Mapping
- 5, Change Detection and Dynamic Monitoring
- 6, Intelligent Infrastructure Inspection
- 7, Ecological Assessment via Low-Altitude Remote Sensing
- 8, Disaster Emergency Response and Damage Assessment

IMPORTANT DATE

Submission Deadline: August 5, 2026

Notification Deadline: August 30, 2026

Contact us

Contact Secretary: Ms. Robin Luo
Email: icgip_conf@vip.163.com
Add assistant wechat, remark as "ICGIP 2026",
wechat account: iconf-cs-2



Organizer(s)



Prof. Fang Liu

Nanjing University of Science and Technology, China



Prof. Nan Huang

Nanjing University of Posts and Telecommunications, China



Dr. Yan Huang

Geological Exploration Technology Institute of Jiangsu Province, China

SUBMISSIONS

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