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Introduction

The 2015 International Conference on Intelligent Earth Observing and Applications (2015 IEOAs) was held 23–24 October 2015 in Guilin, Guangxi, China. The 2015 IEOAs provided an opportunity for advancing intelligent Earth observation and application. Guilin is a well-developed tourist city with convenient transportation facilities, and is honored as an International Traveling City by the China State Department. Guilin is regarded as a picturesque city nationwide as well as worldwide.

The 2015 IEOAs was sponsored by ISPRS WG VII. The topics of IEOAs included, but were not limited to: (1) Intelligent observing from new sensing devices, operating platforms, data processing and disseminating; (2) Intelligent observing algorithms and techniques for detection, interpretation, characterization, and modeling of Earth; (3) Oceanic change from Earth Observing; (4) Urban eco-environmental change from Earth Observing; (5) Forest and Vegetation change from Earth Observing; and (6) Disaster Reduction and Response Management from Earth Observing. All papers were peer-reviewed.

The International Scientific Committee will promote the cooperation of international academic and technical exchanges, facilitate the applications in various fields, and enhance the influence and visibility of China in the international community.

Guoqing Zhou