Earth Resources and Environmental Remote Sensing/GIS Applications VII

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Introduction

This proceedings volume contains 43 papers presented at the SPIE Conference on Earth Resources and Environmental Remote Sensing/GIS Applications, formerly known under the title 'Remote Sensing for Environmental Monitoring, GIS Applications, and Geology.' The conference took place 27–29 September 2016 in Edinburgh, United Kingdom, and was the sixteenth conference with this topic after its inauguration in Toulouse, France, in 2001.

The conference sessions with presented papers and interactive posters were grouped into the following themes: Infrastructures and Urban Areas, Processing Methodologies, Hazard Mitigation Geologic Applications, Sensors and Platforms, Environmental Monitoring Concepts and Processing Methodologies. Lively discussions often continued into the coffee breaks. Although the session topics seemed rather diverse, there was a common thread to many papers, i.e., application of remotely sensed data for the protection of our environment, the integration with geographic information systems (GIS) and change detection. There was strong support from the audience to continue these themes for future conferences.

The paper submission and review process were again perfectly organized by the SPIE staff. We like to thank the SPIE staff on-site for their responsiveness and support. We are also grateful to our program committee for their help in the reviewing and session compilation process.

Ulrich Michel
Karsten Schulz