

# PROCEEDINGS OF SPIE

## **Earth Resources and Environmental Remote Sensing/GIS Applications III**

**Daniel L. Civco  
Manfred Ehlers  
Shahid Habib  
Antonino Maltese  
David Messinger  
Ulrich Michel  
Konstantinos G. Nikolakopoulos  
Karsten Schulz**  
*Editors*

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# **Introduction to Part A: Earth Resources and Environmental Remote Sensing/GIS Applications**

These proceedings contain 53 papers that were presented at the SPIE Conference "Earth Resources and Environmental Remote Sensing/GIS Applications" (Conference 8538A) formerly known under the title 'Remote Sensing for Environmental Monitoring, GIS Applications, and Geology'. The Conference took place in Edinburgh, United Kingdom from 24 September to 27 September 2012. It was the twelfth 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: Processing Methodologies, Hazard Mitigation Geologic Application, Processing Methodologies, Infrastructures and Urban Areas and Environmental Monitoring.

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 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**  
**Daniel L. Civco**

