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**Ulrich Michel
Daniel L. Civco**
Editors

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Introduction

These proceedings contain 43 papers that were presented at the SPIE Conference "Earth Resources and Environmental Remote Sensing/GIS Applications" (Conference 8181) formerly known under the title "Remote Sensing for Environmental Monitoring, GIS Applications, and Geology." The Conference took place in Prague, Czech Republic from 19 September to 22 September 2011. It was the eleventh 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, Infrastructures and Urban Areas, Hazards Mitigation Geologic Application, Sensors and Platforms, Environmental Monitoring and Experimental 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 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
Daniel L. Civco

