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Remote Sensing for Environmental Monitoring, GIS Applications, and Geology VII

Manfred Ehlers
Ulrich Michel
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Panagiotis G. Tsombos, Institute of Geology & Mineral Exploration (Greece)

15 Volcanic Monitoring
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Introduction

These proceedings contain 70 papers that were presented at the SPIE Conference 6749 Remote Sensing for Environmental Monitoring, GIS Applications, and Geology. The conference took place in Florence, Italy, 17–20 September 2007. It was the seventh 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: remote sensing and archaeology, environmental monitoring, processing methodologies, urban remote sensing, sensors and platforms, geology and hazard monitoring, and volcanic 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). Our conference is the only one within SPIE's International Symposium on Remote Sensing that covers GIS. 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 would like to thank the SPIE staff on-site for their responsiveness and support. We are also grateful to Hermann Kaufmann and the program committee for their help in the reviewing and session compilation process.

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