

PROCEEDINGS OF SPIE

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

Ulrich Michel
Daniel L. Civco
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Editors

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Introduction

These proceedings contain 53 papers that were presented at the SPIE Conference on 'Remote Sensing for Environmental Monitoring, GIS Applications, and Geology.' The conference took place in Cardiff, Wales, 15–18 September 2008. It was the eighth 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 for archaeology, cultural, and natural heritage geospatial infrastructure; coastal remote sensing; urban remote sensing; remote sensing of hazards; environmental monitoring; pollution; data fusion; land use and land cover; geological remote sensing; remote sensing modeling, and novel remote sensing/GIS applications. 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 its integration with Geographic Information Systems (GIS). Our conference is the only one in 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 like to thank the SPIE staff onsite for their responsiveness and support. We are also grateful to our cochairs, Manfred Ehlers and Hermann Kaufmann, and the program committee for their help in the reviewing and session compilation process.

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Daniel L. Civco

