

Call for Papers



Journal of Selected Topics in Applied Earth Observations and Remote Sensing
A Publication of The IEEE Geoscience and Remote Sensing Society and the IEEE Committee on Earth Observations (SCI and EI Indexed)

Special Issue: Earth Observations and Remote Sensing for Environmental Management and Hazard Mitigation

Guest Editors: Xiaojun Yang (Florida State University) and Jonathan Li (University of Waterloo)
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The world is facing an increasing intensity and frequency of natural and man-made hazards, claiming multiple billions of dollars in damages and numerous fatalities every year. Global environmental changes, such as urbanization, deforestation, agricultural development, or human-induced climate change, can exacerbate the negative environmental impact of hazards, thus promising to create new challenges to the security and sustainability of human societies. Recent research indicates that many of the losses caused by environmental degradation and hazards could have been mitigated through wise environmental management. Reliable information bases and capable analytical techniques are needed to help monitor and assess environmental systems, which can help understand the nature of environmental changes and hazards, formulate mitigation strategies, and ultimately minimize the losses.

The special issue will focus on the advances in remote sensors and information extraction algorithms for environmental management and hazard mitigation. Both ground and aerospace-based observation techniques will be addressed in this special issue. Innovational applications and novel approaches of data acquisition, analysis and modeling that can help improve the effectiveness of environmental management and hazard mitigation are particularly welcome.

Papers must be original contributions, not previously published or submitted to other journals. Papers published or submitted for publication in conference proceedings may be considered provided that they are considerably extended and improved.

Due to the large number of expected submissions, we would like to follow a dual-stage review, with an initial submission of a two-page extended abstract by email to each Guest Editor (xyang@fsu.edu; junli@uwaterloo.ca) by no later than **September 15, 2009**. The extended abstract should include a cover page with paper title and author affiliation, a description of the research methodology and results, and literatures cited. It should be formatted with letter size paper, one-inch margins in all sides, and 12pt times new roman font. We will review each extended abstract and invite a subset for full submission and subsequent review for the special issue.

Please contact us should you have any question or need additional information:

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