



## **Advances in SAR-Based Monitoring Systems: System Concepts and Data Processing**

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### **Message from the Guest Editors**

SAR-based satellite systems are strongly increasing our capacity to monitor a huge amount of events and phenomena. A big effort has been focused on developing monitoring systems for floods and landslides as well as for tracking icebergs and oil spills.

This Special Issue focuses on new approaches for the SAR-based monitoring systems. Authors are encouraged to submit contributions on technological and scientific advance concepts in the ambit of image processing and system concept in an operational perspective. As an example, the development of distributed-SAR satellite systems for applications of high-resolution and swath implementation as well as for the improvement of imaging/tracking performance is of interest of the Special Issue. Additionally, original techniques for processing of existing SAR images and interferometric applications are in line with the scope of this Issue. Finally, the integration of SAR data with different sources of information is considered an added value of the future SAR-based monitoring systems.





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## Message from the Editor-in-Chief

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