



Remote Sensing Interpretation Systematic Engineering for Natural Resources Monitoring and Management

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Message from the Guest Editors

Remote sensing technology is indispensable for high level land use, land management, and sustainable infrastructure design. In recent years, multi-source and multi-temporal remote sensing big data, from optical to microwave, from low to very high spatial resolution, from multispectral to hyperspectral, and LiDAR data are available and can be applied for broader land management. Meanwhile, with the development of artificial intelligence, big data, and cloud computing techniques, efficient and intelligent remote sensing image interpretation in high level land use, land management, and sustainable infrastructure design has been systematically engineered and these issues are currently faced with various challenges in terms of data, information, knowledge, modeling, and computing power.

Under such circumstances, this Special Issue aims at providing knowledge, methodologies, and approaches for scientific research and decision support systems related to intelligent remote sensing image interpretation in land use, land management, and sustainable infrastructure design.





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Message from the Editor-in-Chief

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