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Surface and Sub-surface Geological Remote Sensing at Regional Mapping Scales

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Message from the Guest Editor

Regional-scale surface geological mapping using remote sensing imagery has been attempted since the launch of the Landsat satellite sensors from the 1970s. Likewise, airborne regional geophysical surveying has been used to interpret sub-surface geological formations and structures for several decades. Both remote sensing and geophysical instruments have significantly advanced in their sensor technology, acquisition wavelength ranges/resolution and data processing sophistication.

In summary, the overall aim of this Special Issue is to provide a cross-section of case studies and relevant modeled applications for the generation of regional- and province-scale geological map products, using remote sensing, geophysical datasets and/or their integration.









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Message from the Editor-in-Chief

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