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Advances in Global Digital Elevation Model Processing

Guest Editors:

Dr. Tomaž Podobnikar

Faculty of Civil and Geodetic Engineering, University of Ljubljana, Jamova 2, SI-1000 Ljubljana, Slovenia

Prof. Dr. Juha Oksanen

Department of Geoinformatics and Cartography, Finnish Geospatial Research Institute in the National Land Survey of Finland, Geodeetinrinne 2, FI-02430 Masala, Finland

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Message from the Guest Editors

The topographic features of our Earth have always been the key to our orientation in geographic space. A digital elevation model (DEM) is a powerful surface model of the Earth or of any other planets. It can provide explicate and more inherently hidden information of the topographic complexity, in a simplified way. At present, a number of terrestrial and bathymetric global DEMs can be obtained. They can be commercial or under free licenses or public domain. The key questions are as follows: "Which elements can improve the usability of available global DEMs?" and, closely linked, "How can we improve such DEMs' quality when using geomorphometric methods?". This Issue is fundamental in order to ensure the best performance of any spatial analysis involving DEM and for reducing uncertainties. Answers to the research questions can lead to a step forward in the global DEM processing, which will further escalate the interoperability and usability.

Dr. Tomaž Podobnikar Prof. Dr. Juha Oksanen *Guest Editors*









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Editor-in-Chief

Dr. Prasad S. Thenkabail

Senior Scientist (ST), U. S. Geological Survey (USGS), USGS Western Geographic Science Center (WGSC), 2255, N. Gemini Dr., Flagstaff, AZ 86001, USA

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Remote Sensing Editorial Office MDPI, St. Alban-Anlage 66 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/remotesensing remotesensing@mdpi.com X@RemoteSens_MDPI