**Special issue on “*Geographical Data*”**

Dear colleagues,

Geographic data are either produced or collected using online sources by scientists to study environmental problems. Although online geographic data are accessible across the globe, there is a lack of unique platform than enables scientists to share geographic data produced locally. Lack of data communication in science has limited the scholars to share them in a professional and credible way. A large portion of innovative and novel ideas could not come to action due to unavailability of data or the scientific findings could have never been retested and verified as the data have been always kept as a black box. Thanks to the recent efforts on supporting reproducible research and credible scientific data, this challenge has been resolved and research scholars may publish their data in the scientific media and give credits to their data collection and data processing efforts. There are two groups of geographic data that are encouraged to be shared with other scholars: 1) geographical data which are newly generated from scratch by scientists to solve specific local environmental issue (e.g., conduct field work to produce soil map), and 2) geographical data produced as outcome of data processing on accessible online data (e.g., extracting land cover/use maps from satellite imageries). Nowadays, the scientific communities attempt to make the scientific data transparent so that the behind–the-scenes of data is also shared and published.

We would like to invite you to submit articles addressing the process of geographic data collection, acquisition, processing, and management so that these data will be (re)used by other scholars and add value to the preliminary published results from them. Potential datasets include, but not limited to, data and methods on:

* Earth observation systems such as remote sensing, and geo-sensor network
* Citizen observatories
* Biodiversity, farming, forestry, environment, and ecology
* Climate change
* Geological measurements
* Social media e.g., Twitter, Flickr, Instagram
* Oceanography
* Open source data, softwares, standards
* Social networks
* Archaeology, culture, tourism
* Urban and rural Environments
* Point cloud data e.g., LiDAR and Laser scanning
* Natural Hazards and disasters
* Polar measurement
* Mobile data
* Indoor and outdoor environments
* Unmanned aerial vehicle and drones
* Public health

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**Submission**

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**Keywords**

* Earth observation and citizen observation data
* Geographical data e.g., 2D, 3D, 4D data
* Big data
* Data on Biodiversity, farming, forestry, environment, and ecology
* Climate change data
* Social media data e.g., Twitter, Flickr, Instagram datasets
* Oceanography data
* Archaeological, cultural, tourism data
* Urban and rural Environments
* Point cloud data e.g., LiDAR and Laser scanning
* Natural Hazards and disasters
* Polar measurement data
* Mobile data
* Public health data