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Climate Change Impact on Water and Soil Using Remote Sensing

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Deadline for manuscript submissions:
closed (30 June 2023)

Message from the Guest Editors

Dear Colleagues,

Changes in climatic variables are affecting the land, soil, and water resources, which constitute the essential parts of ecosystems. Climate change can affect and modify the rate of change of water and soil characteristics of the earth.

This Special Issue is aimed at the collection of the latest novel methodological proposals and modeling contributions utilizing remote sensing data and techniques, with an emphasis on the impacts of climate change on soil and water resources. We look forward to manuscripts within, but not limited to, the following focus areas:

- trends in climate change, extremes, and hydrology
- remote sensing and in situ observation, hydrology, land degradation
- climate change and soil–water balance
- climate change and evapotranspiration, snow, soil moisture
- climate change and soil erosion
- climate change and groundwater
- climate change, water systems, and agriculture
- ecosystem, hydrology, climate change, and soil
- climate change, soil, and water quality
- climate-hydrology-degradation (modeling, artificial intelligence and machine learning, statistical methods)

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Message from the Editorial Board

Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

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