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Remote Sensing of Land Use and Land Change with Google Earth Engine

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Deadline for manuscript submissions:
closed (31 March 2023)

Message from the Guest Editors

Dear Colleagues,

Information on Land Use and Land Cover Change (LULCC) is critical for modeling human–earth systems, and remote sensing techniques have been established as the most cost-efficient and reliable approaches to gain this information. Although they provide rich and complementary information about the land surface from different perspectives, their utilization requires expert knowledge, intensive computation.

Google Earth Engine (GEE) provides not only ready-to-use remote sensed datasets, freeing researchers from tedious data preprocessing tasks, but also provides powerful computational capacity, facilitating LULCC monitoring with multi-temporal and multi-sensor data. GEE enables free programmatic access to imagery from various satellites as well as geospatial datasets. This Special Issue aims at studies that showcase the application of GEE to monitor LULCC, including land cover mapping, land change analysis, and thematic mapping. This includes, but is not limited to, topics, such as: forest change, urban expansion, mining impacts, coastal change, cropland, and specific crops (e.g., rice, maize), at both large-scales and long term.

Guest Editors

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Message from the Editor-in-Chief

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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