Special Issue

Exploring Patterns of Evolution from Cropland to Built-Up Land for Sustainable Food Production Using Remote Sensing

Message from the Guest Editors

Global food demand will increase by nearly 50% during the next 30 years. Sustainably meeting future food demand, which is at the core of SDG 2, requires human civilization to increase crop yields on existing cropland and ensure that the most productive croplands around the world remain under production. However, as countries' economies develop and urban population grows, surrounding highly productive croplands are converted for residential, industrial, and recreational purposes. The conversion of the most productive cropland for urban uses puts pressure on land conversion for agriculture. This Special Issue will present studies investigating patterns of evolution from cropland to built-up land in different regions of the world based on the use of remote sensing techniques. Together with multi-sources data, as well as GIS and statistic methodologies, interested scholars should explore implications on food security, climate change, and the environment, and discuss the policies needed to prevent or ameliorate massive conversion of cropland due to urbanization. More broadly, we also encourage scholars to discuss the interactions between SDG 2 and SDG 11.

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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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