



Land Use/Cover Change and Its Environmental Effects

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Message from the Guest Editor

In order to promote the realization of “double carbon”, ecologically sustainable development, and harmonious development between humans and nature, the impact of land use/land cover change on the environment has become one of the developing trends of global ecological sustainable development, and it is considered as the main topic of research interest with a focus on the number of changes, the size of the impact, and the delicate relationship between them. Specifically, the first area of focus is new technologies and methods applied to remote sensing monitoring of land use/land cover change. Secondly, the quantitative evaluation of the impact of land use/land cover change on the environment has developed rapidly in recent years. Thirdly, innovative applications and service mode of thematic information of land use/land cover change have also become a focus of attention. All of these research fields cover different scales, such as global, regional, and specific ecological units.





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