

## Special Issue

# Computer Vision and Machine Learning Methods for Land Use Land Cover Change Modelling and Forecasting

### Message from the Guest Editors

Population growth, resource extraction, and natural disturbances are precipitating rapid changes in global land cover dynamics; for example, the spatial expansion of cities is culminating in significant vegetation and habitat loss and/or fragmentation. Forecasting terrestrial change using Earth observation sensor data has been a daunting task; however, with emerging algorithms, new computational tools, and sensor capabilities offered by recent technological advancements, Earth observation and monitoring is taking a more sophisticated dimension with improved accuracy. Accurate and up-to-date knowledge of land use and land cover (LULC) trajectories would enable policy-makers to devise and implement effective and sustainable land management policies. This Special Issue (SI) aims to attract cutting-edge research with a focus on LULC modelling and forecasting using emerging computer vision, deep learning methods, remote sensing data, and simulation-derived data.

### Guest Editors

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### Deadline for manuscript submissions

31 October 2025



## Land

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### Editor-in-Chief

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