





overall accuracy for Sentinel-2 derived LULC is better than Landsat-8 derived LULC. If some of the parts of the LULC images are considered, pan-sharpened Landsat-8 can offer better results for some areas in Sea class than Sentinel-2 as it is clear from Figure 2.

LULC images are crucial for fast grown cities in order to understand the dynamics of urban growth. Satellite imagery is one of the main resources to monitor the changes on Earth, especially new generation Earth observation satellites such as Landsat-8 and Sentinel-2 can be obtained freely, and LULC images can be produced in a good temporal resolution. Temporal analyses of LULC help city planners and decision makers to improve the standards of the cities.

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