

GLOSSARY OF TERMS

Term	Description	First time page used
Elevation	Terrain height above sea level, derived from Shuttle Radar Topography Mission and Digital Elevation Model, used as a key predictor to improve LULC classification accuracy.	16
NDBI	Normalized Difference Built-up Index: A standard spectral index calculated from satellite imagery used to highlight urban areas and impervious surfaces.	16
NDVI	Normalized Difference Vegetation Index: A standard spectral index calculated from satellite imagery to measure the presence and vigor of live green vegetation.	16
Pixel	The smallest single unit of a raster image.	3
Trajectory	A single pixel's value represents its sequence of LULC classes over multiple time periods (e.g., 2004, 2014, and 2024), capturing its historical pathway of change.	2