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OBJECTIVE-To Study about urbanisation in Mumbai for the year 2008 and 2018.

DATA USED-

PLACE	TOPO SHEET NO	SCALE
MUMBAI	E43G13	1:50000
MUMBAI	E43A16	1:50000

PLACE	SATELLITE	SENSOR	ACQUISITION YEAR	SPATIAL RESOLUTION	ROW	PATH
MUMBAI	RESOURCE SAT-2	LISS-III	2008	0.000225 Degree	59	94
MUMBAI	RESOURCE SAT-2	LISS-III	2008	0.000225 Degree	59	94
MUMBAI	RESOURCE SAT-2	LISS-III	2018	0.000225 Degree	59	94
MUMBAI	RESOURCE SAT-2	LISS-III	2018	0.000225 Degree	59	94

STEPS-

1. Survey of India topo sheets of Mumbai were downloaded from www.soinakshe.uk.gov.in.

2. Georeferencing of topo sheets were done in QGIS software.

3. Mosaic was done.

4. Digitisation was performed to get the boundary of the area of interest.

5. Resourcesat-2 satellite images were downloaded from
https://bhuvanapp3.nrsc.gov.in/data/download/index.php

6. Layer stacking was done.

7. Clipping was done with area of interest obtained before.

8. Supervised Classification was performed.

9. LULC mapping was done.

APPLICATIONS-

1. Study of urbanization can be done.

2. Total change in land use land cover area can be found out.

3. Transformation Analysis can be performed.