









Urban Resilience and Adaptation for India and Mongolia:

curricula, capacity, ICT and stakeholder collaboration to support green & blue infrastructure and nature-based solutions 619050-EPP-1-2020-1-DE-EPPKA2-CBHE-JP





Selection of the Area/ Region for the assignment



The Topo sheet was georeferenced using the latitude and longitude given on the sheet. The google earth image was georeferenced on the topo sheet using different control points.



Topo sheets for the specific area was downloaded to understand the physical features of the place.



The google earth imagery of the selected region was downloaded.



ARC GIS Application is used to digitize the entire area. Different tools such as Georefencing, etc. were used in the assignment





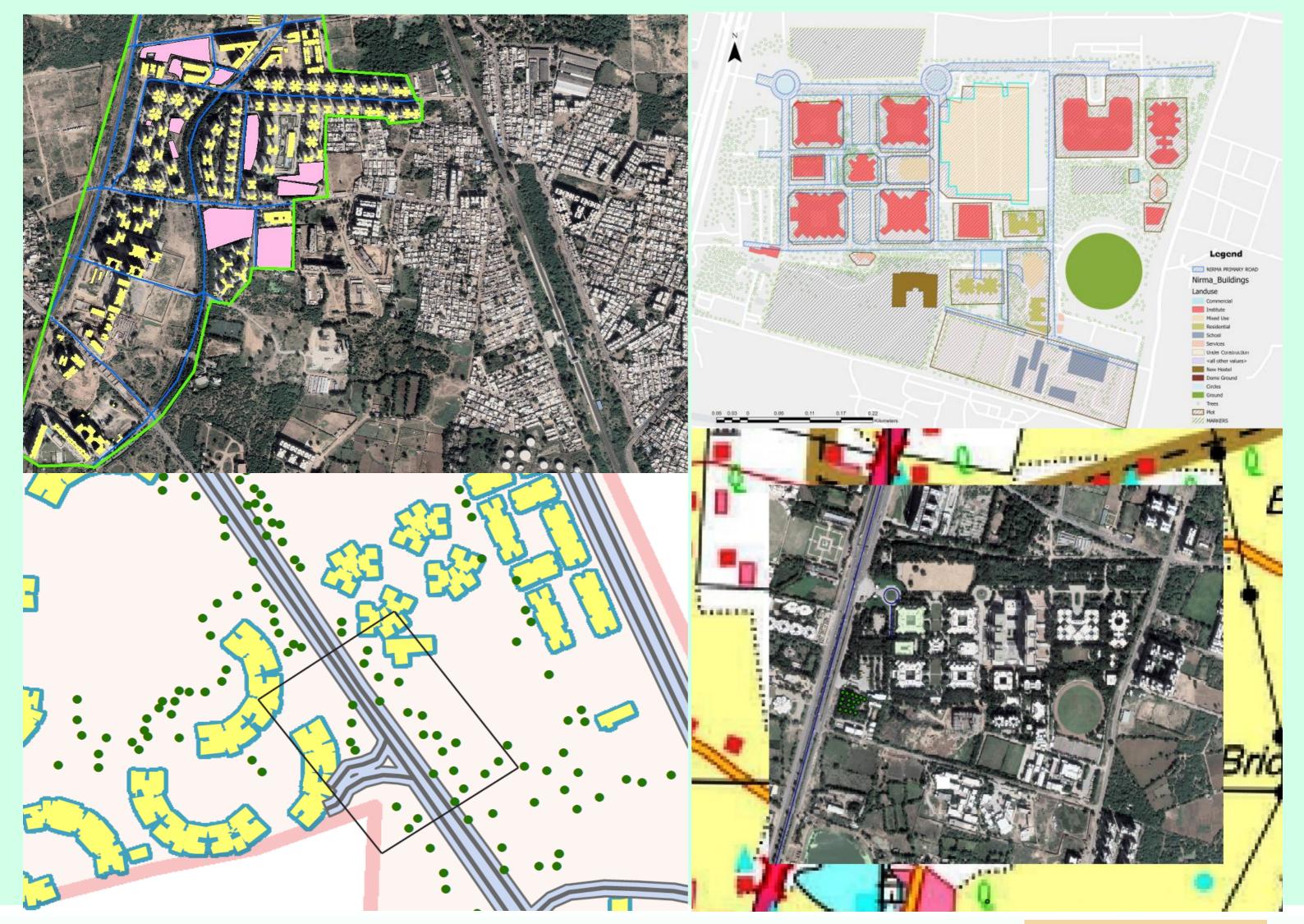
A new shape file was created with Polygon features to digitize the entire area selected.

Using the Georeferenced Image the building footprints and boundaries were marked in an shape file.

The Building footprints and the Plots were given different attributes according to the existing situation.



Different uses of Land/ Building such as Residential, Commercial, Institution, Utilities and Services, etc. were marked and presented in form of a final map for the assignment.



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Bachelors of Architecture

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Faculty:

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Credits:

Semester:

Environmental Design and GIS Applications (New Course)

Year:

VII Sem

URGENT Cross-6. Observation, information and communication for **Cutting Theme:** NBS, including ICT and media 2 ECTs Type of Course: Elective

2022



INSTITUTE OF ARCHITECTURE & PLANNING NAAC ACCREDITED 'A+' GRADE

P12_Knowledge Dissemination Series Prepared By Utsavi Shah