Title: Flood Mapping (Mumbai Region)

Map description and analysis

Introduction: As we all know at the time of monsoon there are the chances of flood if there is a excessive rainfall, so here we have tried to plot Flooded area or predict where there are chances of flooding of Mumbai City with the help of QGIS & Various Sources made available by ISRO.

Methodology:
- First of all the area was clipped from the district boundary provided by ISRO.
- Then the SRTM was downloaded and added into the QGIS.
- The file was processed with the help of various tools to get was made available in raster format.
- Then the Flooded Area was Plotted into the Google Earth.

ISRO Data Used:
- District Boundary File
- State Boundary File
- Tutorials Provided by ISRO

Applications:
Can be used to predict the area where there are chances of getting flooded so as to take necessary Preventive Measures.

	Team Name: GIS Learners
	Topic: Flood Mapping(Mumbai City)

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