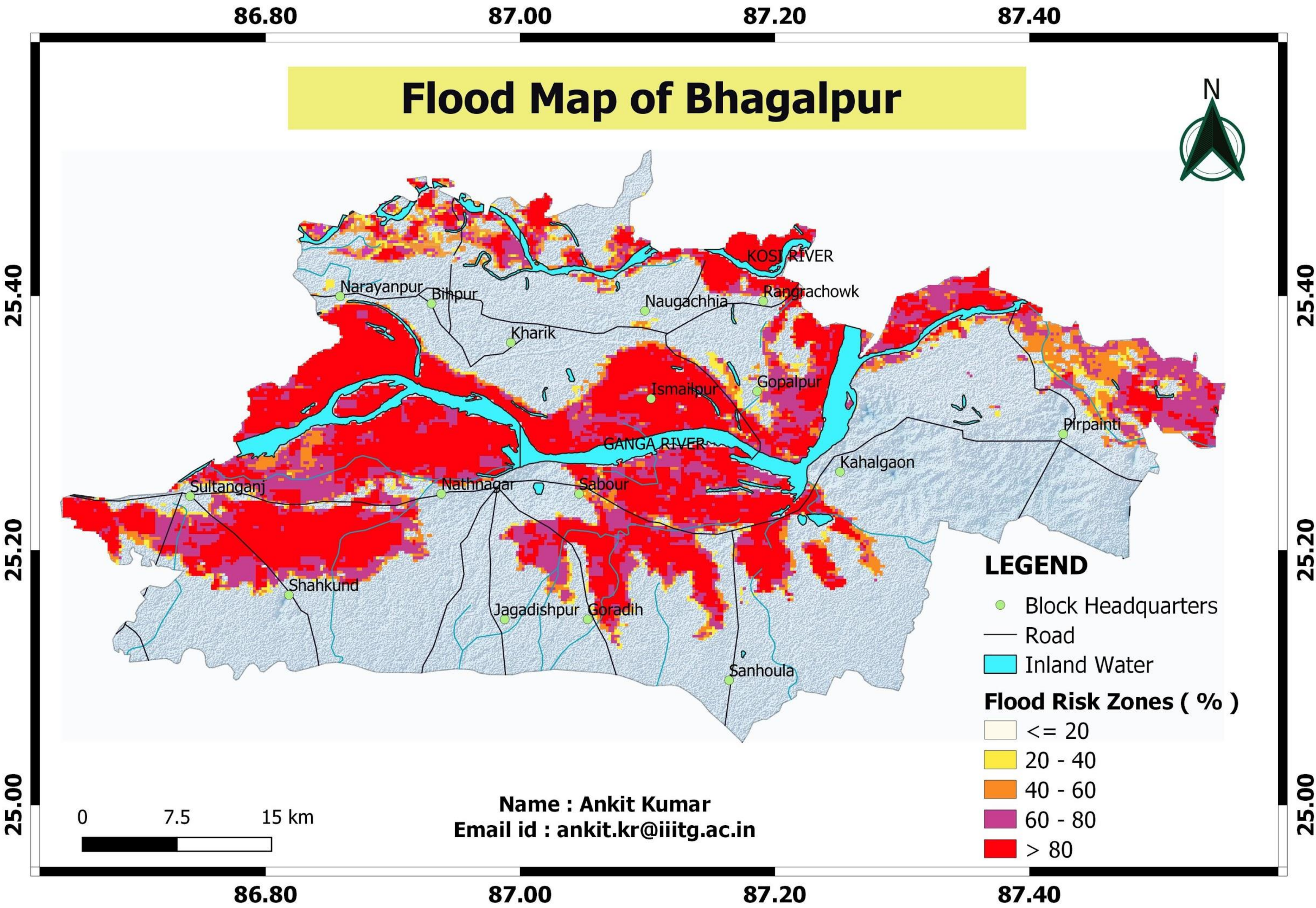


# Flood Risk Zone Map of Bhagalpur Region

# Map description and analysis



**Introduction:**  
Bhagalpur is the district of southeastern Bihar and also the 3rd largest city ( In terms of urban population ) of Bihar. It occupies the area of 2569 km<sup>2</sup>. It's also known as the silk city. The famous ancient university Vikramshila is also situated in Kahalgaon ( Bhagalpur ) area.

- River :**
- Bhagalpur is situated on the south bank of river Ganga. The length of Ganga in this city is about 86 km.
  - Besides Ganga, there is another river named Kosi that flows through Bhagalpur and the length of Kosi in this city is about 39 km.

**Flood Risk Areas:**  
Bihar is India's most flood-prone state and Bhagalpur is one of the most flood-prone city of Bihar. In Bhagalpur, many areas are affected by flood every year because of Ganga and Kosi rivers.  
I have divided the flood risk areas in Bhagalpur map into 5 zones :

- Zone A** : These areas are shown by white color where the flood risk is less than 20%. It means, this area is free from flood.
- Zone B** : These areas are shown by yellow color where the flood risk is 20 to 40 % .
- Zone C** : These areas are shown by orange color where the flood risk is 40 to 60 % .
- Zone D** : These areas are shown by pink color where the flood risk is 60 to 80 % .
- Zone E** : These areas are shown by red color where the flood risk is more than 80 % . It means, it's the most flood affected area in Bhagalpur.



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*Data courtesy : Bhuvan( Isro ), Vedas( Isro ) , Bhuvan Disaster Service ( Isro ), SRTM*