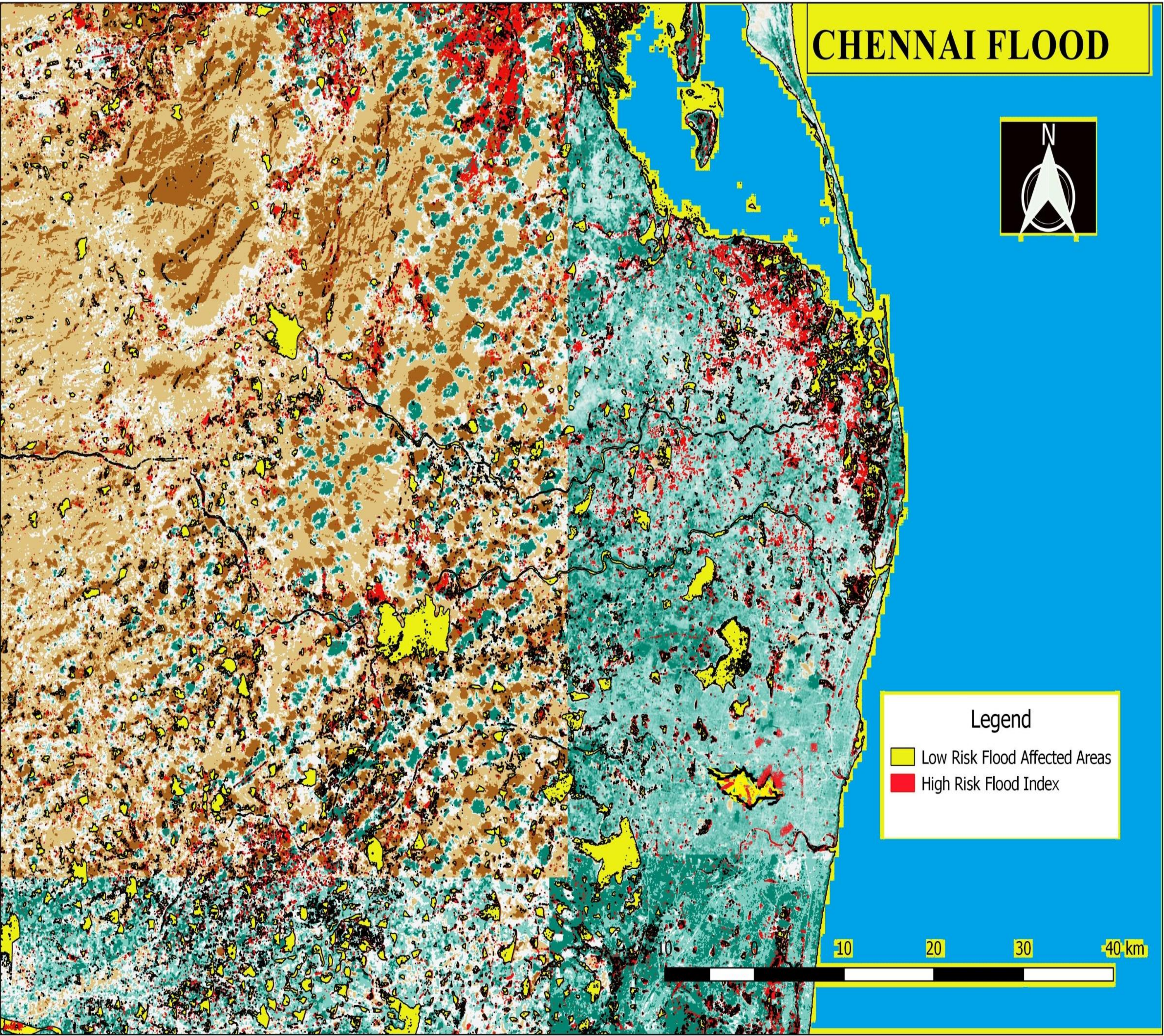


Title: Flood Hazard Map in Chennai ,TN Region(DEC 2015)



Map description and analysis

Introduction:
The 2015 South India floods resulted from heavy rainfall generated by the annual [northeast monsoon](#) in November–December 2015. They affected the [Coromandel Coast](#) region of the [South Indian](#) states of [Tamil Nadu](#) and [Andhra Pradesh](#). More than 500 people were killed and over 1.8 million (18 lakh) people were displaced.

- Area Selected for study:**
- Chennai, capital of Tamil Nadu, one of the south most states of India had been selected for the case study on flood.
 - Basically the two coastal districts of Chennai, namely Kanchipuram and Tiruvallur are badly affected by the November-December 2015 flood.

Software Used:QGIS Data:(Liss III datasets)
Flood Hazard Zones:

- The catastrophic flooding in Chennai is the result of the heaviest rain in several decades, which forced authorities to release a massive 30,000 cusecs from the Chembarampakkam reservoir into the Adyar river over two days, causing it to flood its banks and submerge neighbourhoods on both sides.
- It did not help that the Adyar’s stream is not very deep or wide, and its banks have been heavily encroached upon over the years.
- These study of flood risk can be useful in describe a flood risk in Chennai region(Low risk areas, High Risk flooded index).



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