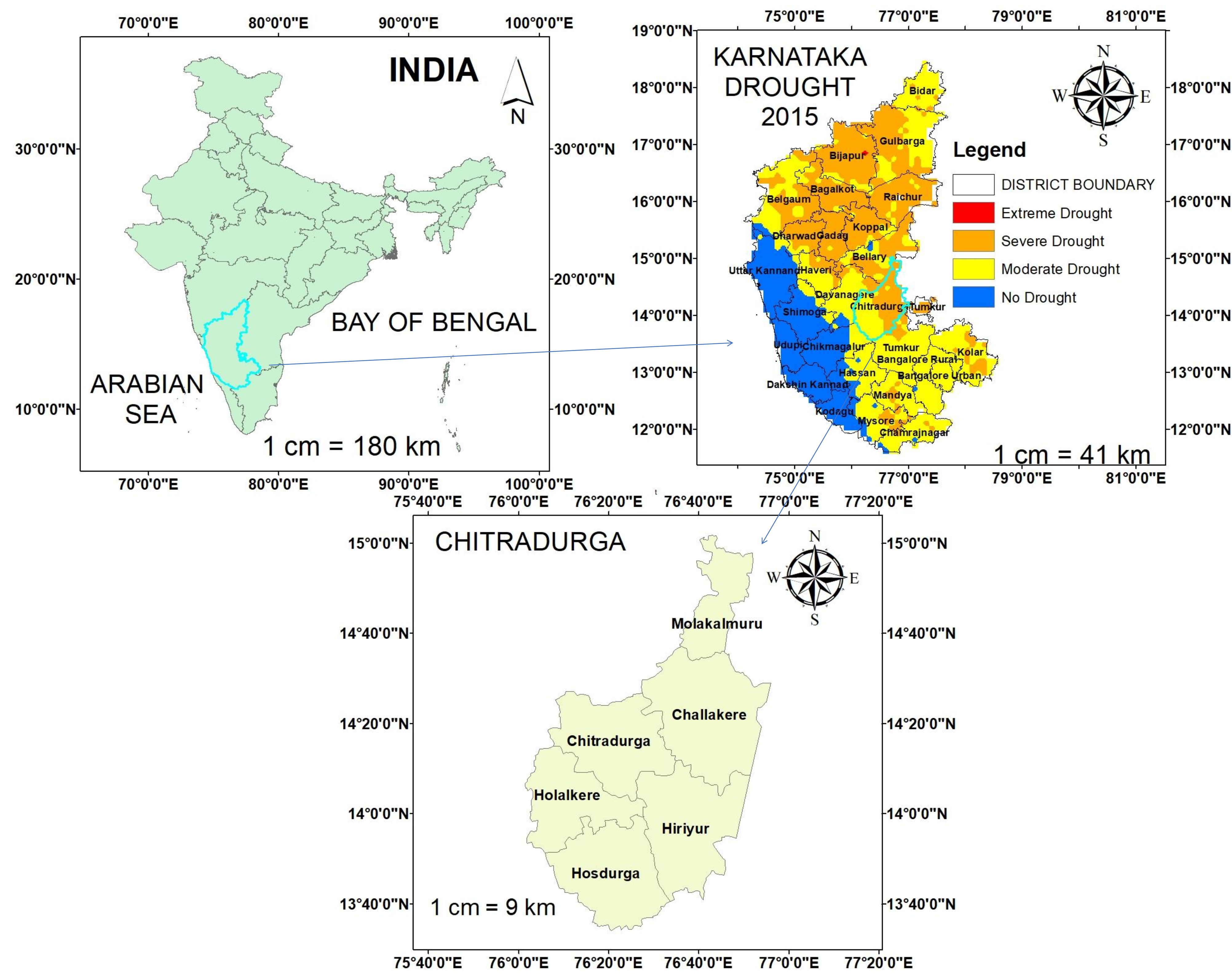


Title: Study Area – Chitradurga, Karnataka

Map description and analysis



General Characteristics of the district:

Chitradurga located in the heart of the Deccan Plateau. The district headquarters town, Chitradurga owes its name to “Chitrakaladurga,” or “Picturesque castle”. This is a massive fortress on top of granite hills that rises dramatically from the ground.

Location & Geographical Area.

Chitradurga is located at a Rich in mineral resources - distance of 202 kms, northwest of Bangalore. And has Geographical area of 770702 hectares. And has a literacy rate 64.5% (according to2001 Census).

Topography:

Geographic Location 13° 34' to 15° 02' ' North latitude 75° 37' to 77° 01' East longitude and having Temperature 37.0 C (Max) 15.0 C (Min). Normal Average Rainfall is 744 mm, Main River is Tungabhadra and Total Geographical Area is spread over 3969 sqkm.

Why do we need land use land cover change mapping for this area?

Drought condition increases unemployment. The loss of crops has left farmers in debt and at the mercy of moneylenders. The daily wage under NREGA is Rs 234 but the workers receive much lesser wage.

In such times, what do the people do?

1. There were [978 farmer suicides](#) in Karnataka, the highest ever in the state, between April and December 2015.
2. [Migration](#) from the drought-affected regions started as far back as November. Villagers are migrating in search of water and employment.
3. Protests: On Mar 3 2016, the [Police lathicharged a large group of farmers](#) who came to Bengaluru in tractors when they tried to move towards the State Legislature. They had come to agitate against the water problems in the drought-hit districts.
4. LULC change map will represent the affected areas and based on that planners can make strategies.

Software Used – QGIS

Team Name: Nature Restorer

Topic: LULC Change Map

Team member/lead: Kumar Ranjan

Data Used – LISS 3

Contact/email: krkumarranjan1996@gmail.com