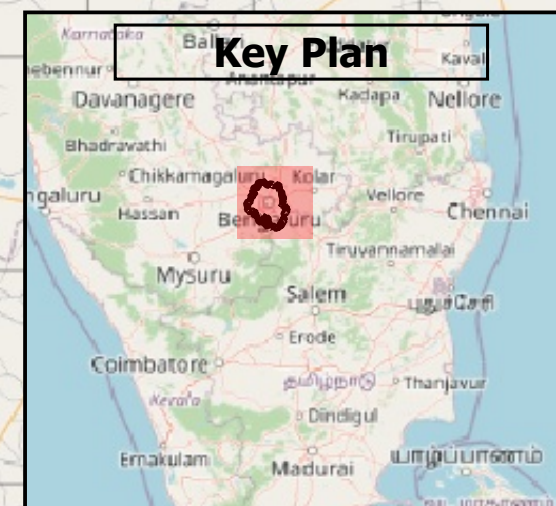


Land Degradation Map of Bengaluru Urban



Map Description and Analysis

Introduction:

This map is a detailed study of land degradation in Bangalore Urban which is derived using Revised Universal Soil Loss Equation.

LS-factor:

The S-factor measures the effect of slope steepness, and the L-factor defines the impact of slope length.

K-factor:

It's the soil erodibility factor which represents both susceptibility of soil to erosion and the rate of runoff, as measured under the standard unit plot condition.

R-factor:

The rainfall erosivity factor is a multi-annual average index that measures rainfall's kinetic energy and intensity to describe the effect of rainfall on sheet and rill erosion.

C&P-factors:

Cover-Management factor (C&P) is used to reflect the effect of cropping and management practices on erosion rates, P is the support practice factor which is the ratio of soil loss with contouring and/or strip-cropping to that with straight row farming up-and-down slope.

Team name: Geosynchronous

Topic: Land Degradation Map

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