Modelling LRDP In Response To Multiscenarios In Sangli District Using AHP

Rajendra N Gaikwad (1), Anjali Khirsagar (2), Apurba Bera (3)

 ¹Research Scholar, Interdisciplinary School of Scientific Computing, Savitribai Phule Pune University, Maharashtra, India
²Professor, Department of Physics, and Former Director, Interdisciplinary School of Scientific Computing, Savitribai Phule Pune University, Maharashtra, India
³Scientist, Regional Remote Sensing Centre, Jodhpur, Rajasthan,India corresponding Email: <u>rajisrok@gmail.com</u>

Abstract:

Globally, the multiscenarios for land development has important effect in planning. Identifying the geographical/spatial approach that supports the land resource development over time is essential for helping planners.

Land resource development plan (LRDP) criteria table has made available for development and subsequently it helps planners. AHP approach assuming pairwise distribution was used to predict the potential land resource action of Sangli district in Maharashtra.

The potential distributions of area under various actions plans suggested by LRDP were analysed and described using weights suggested by experts.

The present study provides procedure to conclude that land resource action for potential distribution of study area and it depends on weights factor as per saaty.

Keywords: AHP, spatial, criteria