

Supplement of

Flood susceptibility mapping using Fuzzy, Statistical enhancement and Machine Learning Models: a study on the Mayurakshi River Basin of eastern India

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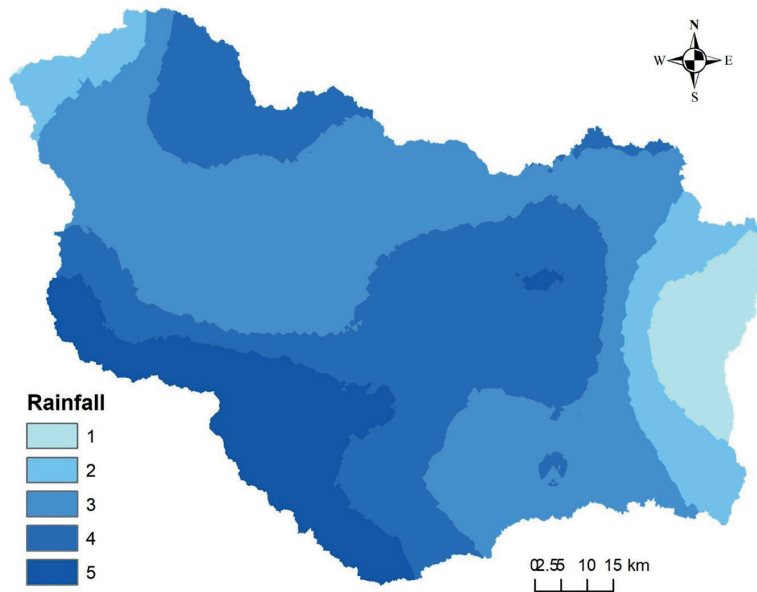


Fig. S1. Rainfall distribution in the MRB using CHIRPS data (averaged annual rainfall from 1991-2020)

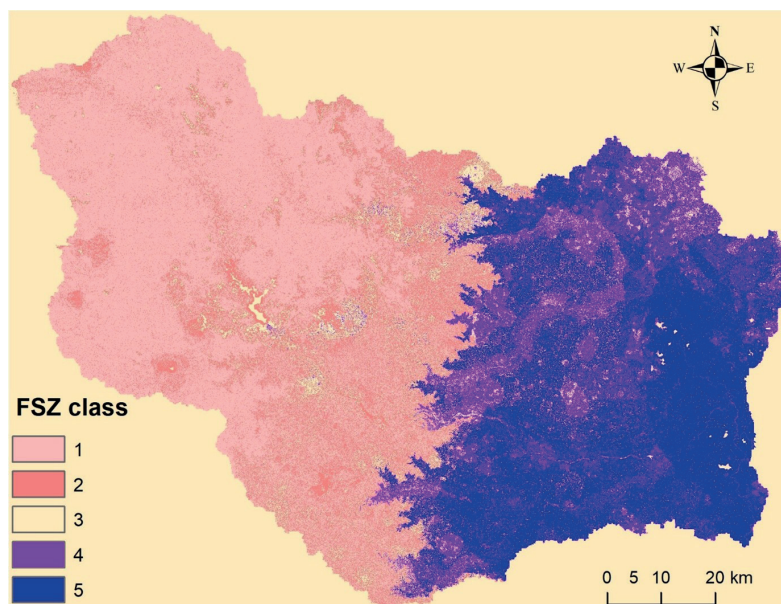


Fig. S2. Flood Susceptibility Zonation of MRB using SVM model, where we replaced the previously used rainfall raster (prepared using Worldclim data) with annual average rainfall using CHIRPS dataset

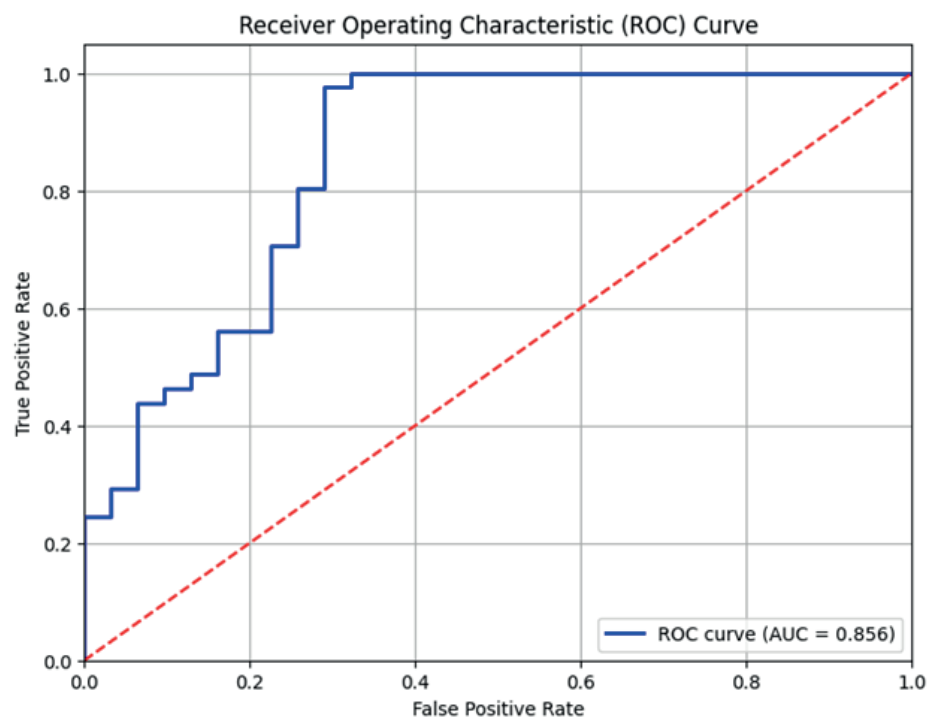


Fig. S3. ROC curve of the SVM model, simulated using the CHIRPS rainfall dataset as part of the entire set of factors