

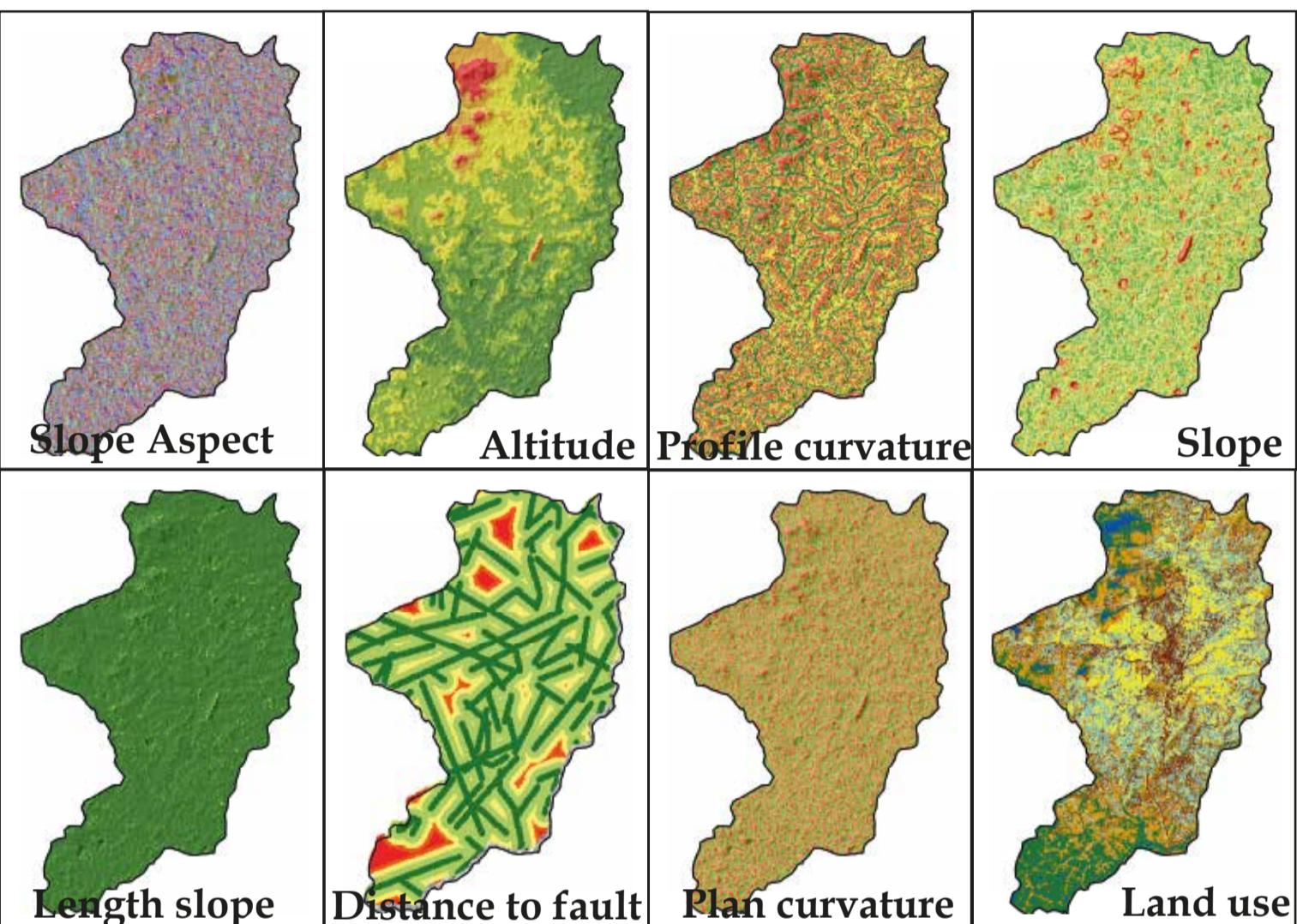
Select the study area and develop Data base

Landslide susceptibility
mapping

Vector data

Raster data

Preparation conditioning factors in Arcgis



Calculating weights
or adding input values

Training
70%

Testing
30%

Models validation and selection
of the best model

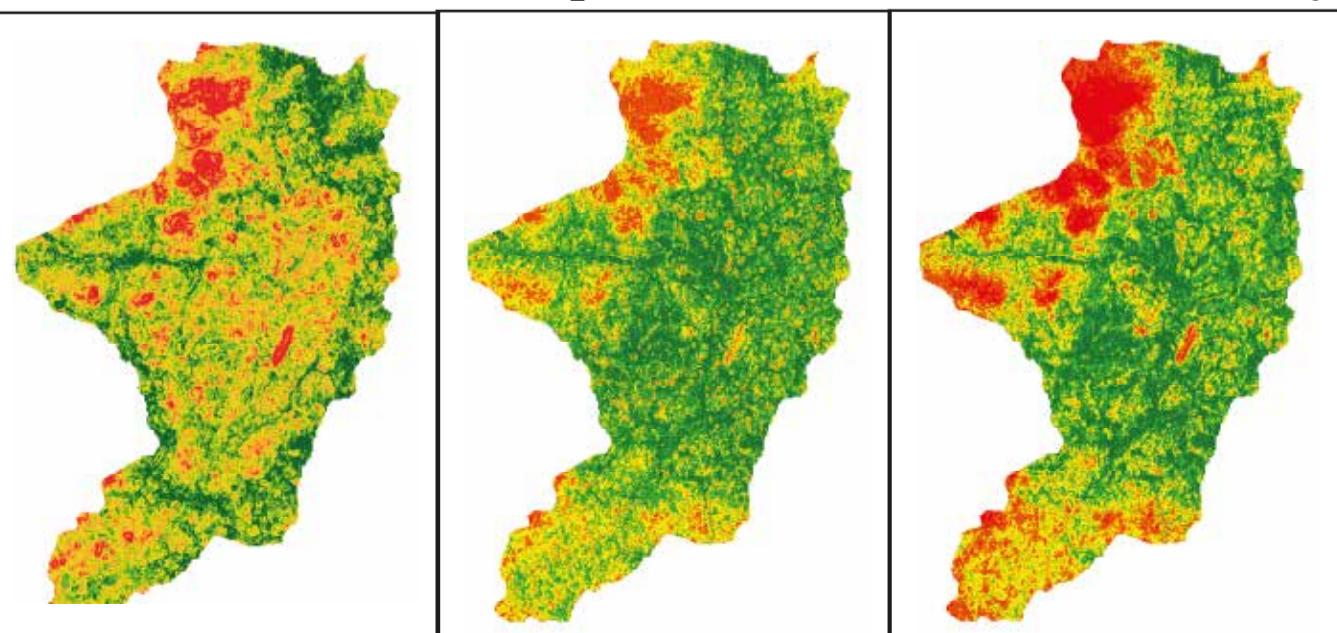
Machine learning models

Determining the landslide
vulnerable area

AHP

Frequency Ratio

Shannon Entropy



Legend

Too low	
Low	
Moderate	
High	
Very high	

Planning for prevention
and mitigation practice