









Sensitivity Mapping

- In order to calculate a combined sensitivity rating for the study area, all the GIS layers received from each specialist area of study were combined to form one integrated layer
- Three results were then calculated from the integrated layer:
 - **maximum sensitivity wins:** The maximum sensitivity rating became the sensitivity index.
 - **sum of all sensitivity ratings:** The sensitivity index was the sum of each sensitivity rating.
 - **sum of all adjusted sensitivity ratings:** Each sensitivity rating found in the array was adjusted by the assigned adjustment factor for each particular layer. The sensitivity index was then the sum of these.
- The presented maps were then created by reclassifying each logic result into five classes, namely:
 - low sensitivity (green),
 - low medium sensitivity (Light green),
 - medium sensitivity (yellow),
 - medium high (orange),
 - high sensitivity (red).

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