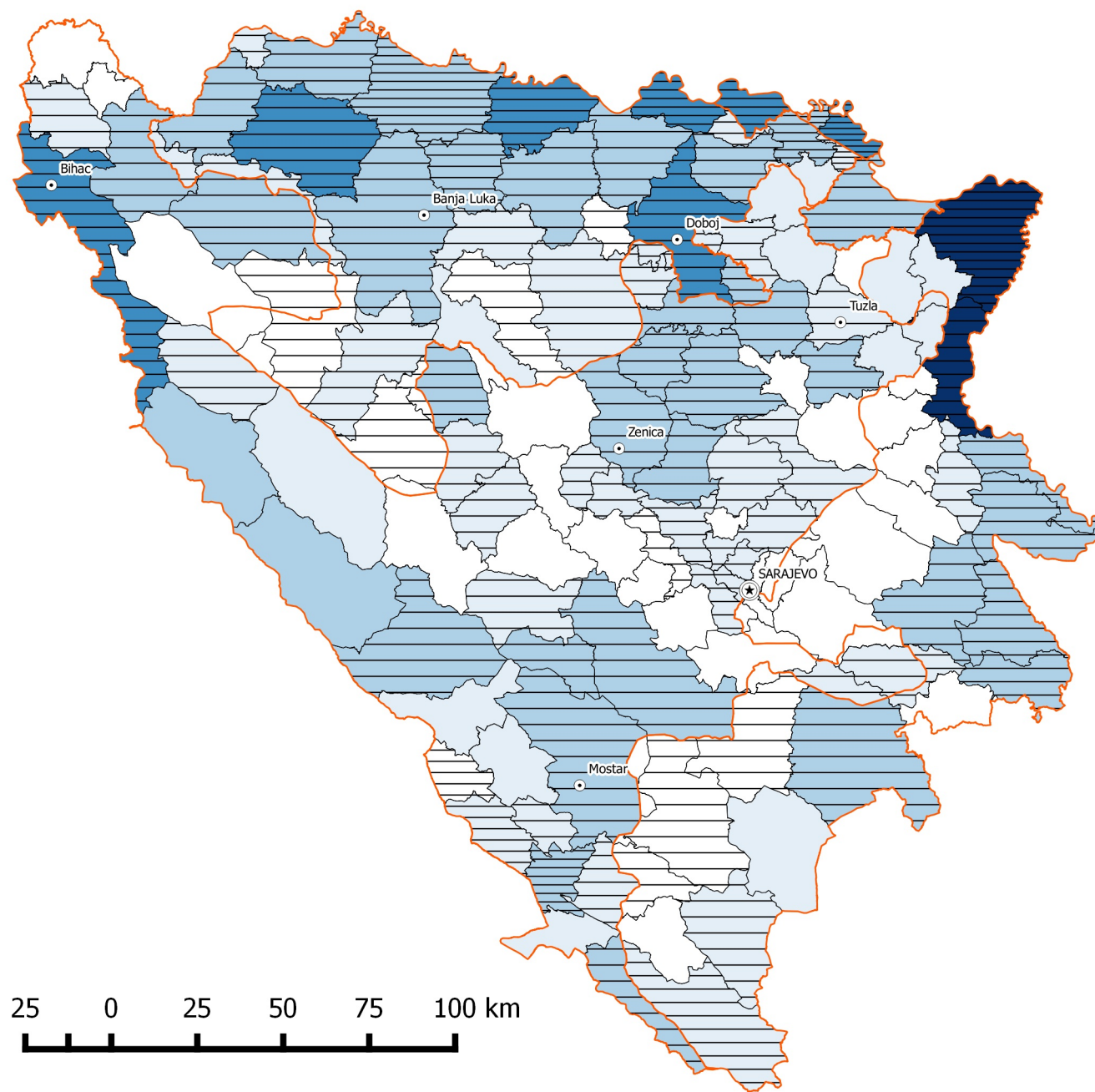


Bosnia and Herzegovina Population Exposure Map 1

Population Exposure to Flood Risk



1. Data

This map shows the relative flood risk and the population exposed to flood risk as a ratio of the total population in each municipality. The flood data is based on the flood hazard map developed in January 2016. The exposure data was calculated using the Global Assessment Report on Disaster Risk Reduction (GAR) 2015 database on flood hazard with a return period of 100 years, and the Gridded Population of the World from Colombia University. Using the QGIS raster calculator these layers were multiplied to extract population pixels within flood hazard pixels. This layer was then summed using zonal statistics and aggregated at municipal level. At the end, the data was clustered using a Jenks natural breaks optimization method.

2. Legend

Entity Border

Municipal Border

Flood Hazard Level [143]

Very High [2]

High [7]

Medium [36]

Low [51]

Very Low [47]

Population Exposure Ratio [143]

60% to 97% [3]

36% to 60% [6]

20% to 36% [8]

10% to 20% [24]

1% to 10% [50]

0% [52]

3. Sources

GAR 2015 and population data available from the websites at
<<http://risk.preventionweb.net/capreviewer/main.jsp>> and
<<http://sedac.ciesin.columbia.edu/data/collection/gpw-v4>>

4. Feedback

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5. Disclaimer

The depiction and use of boundaries, geographic names and data shown here are not warranted to be error-free nor do they imply official endorsement or acceptance by the United Nations or the Government of BiH.

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