

BULGARIA - Sofia Region

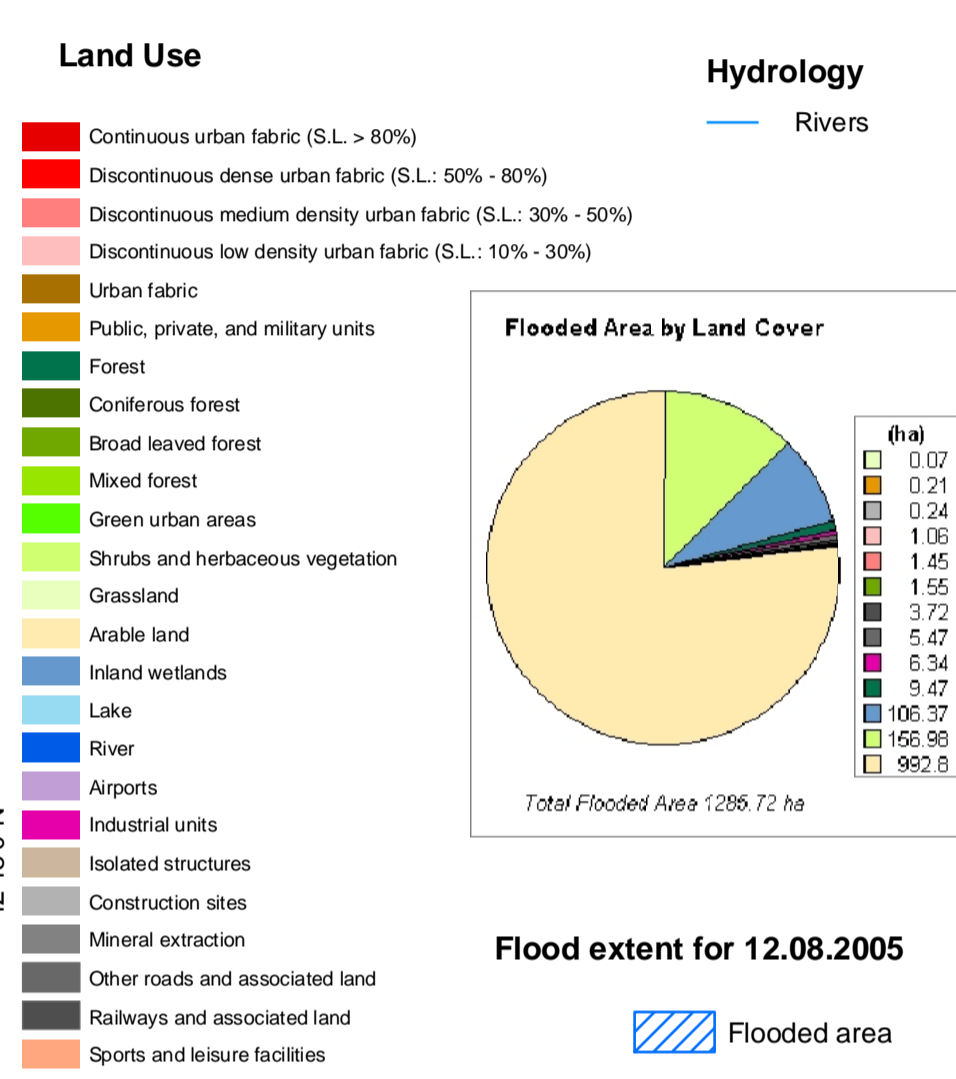
Iskar River Floods 2005

Past Flood Event Map With Risk Analysis

Location Diagrams



Legend



Interpretation

The map shows the flood extent of Iskar River in Sofia region, Bulgaria. Land use information has been used, which gives information about the type of the flooded areas. In 2005 there were two floods. The first flood - 6-8 June 2005 - destroyed the bridge at the station over Banevska river in the Ivanyane quarter. The second flood - 5-8 August 2005 - destroyed another bridge at the station over the Iskar river in the town of Novi Iskar.

Image processing: Orthorectification and Thematic classification - Erdas Imagine;
Water Extraction Methods: - Unsupervised classification - Erdas Imagine; Manual interpretation and spatial analysis - ArcGIS

Cartographic Information

Local projection: UTM Zone 35 N, Datum: WGS 84
Geographic projection: Geographic (DMS), Datum: WGS 84
Scale: 1:15 000 for A1 prints

Data Sources
Vector layers
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Sofia Land Cover (2005), Rivers, Lakes, Settlements
© National topomaps 1:100 000

Framework
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