Consequences of the Floods from May, 2014 in Bosnia and Herzegovina caused by Transboundary River Sava

SHORT REPORT

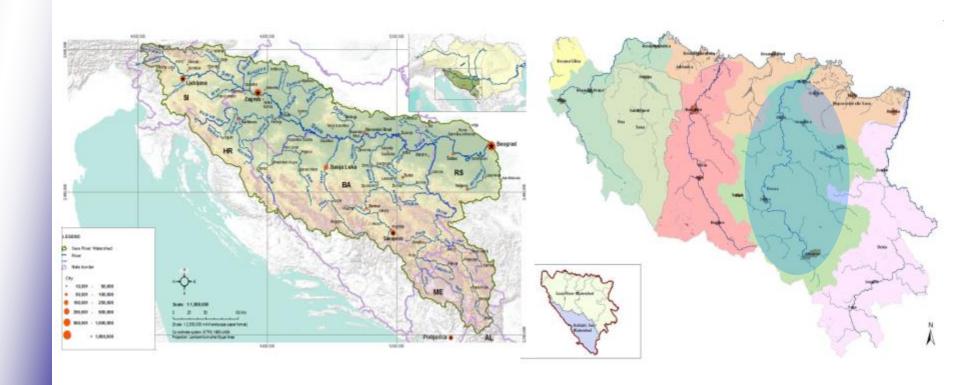
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Area of the Report





Floodplain Map



• Flooded Area in the Transboundary part of stream_of Sava River

Bosnia and Herzegovina: 26.630ha=266,3km2

- Federation B&H 17.950ha

- Republic of Srpska B&H 7.205ha

- Brčko District B&H 1.475ha

 Croatia:
 5.345ha=53,45km2

 Serbia:
 2.240ha=22,4km2

Total Flooded Area in the Region of western balkan

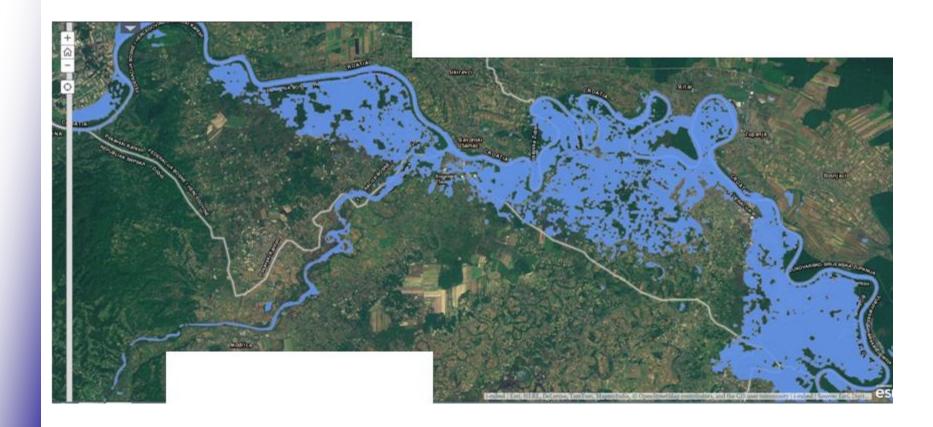
34.215ha=342,15km2

2.290.000ha=22.900km2



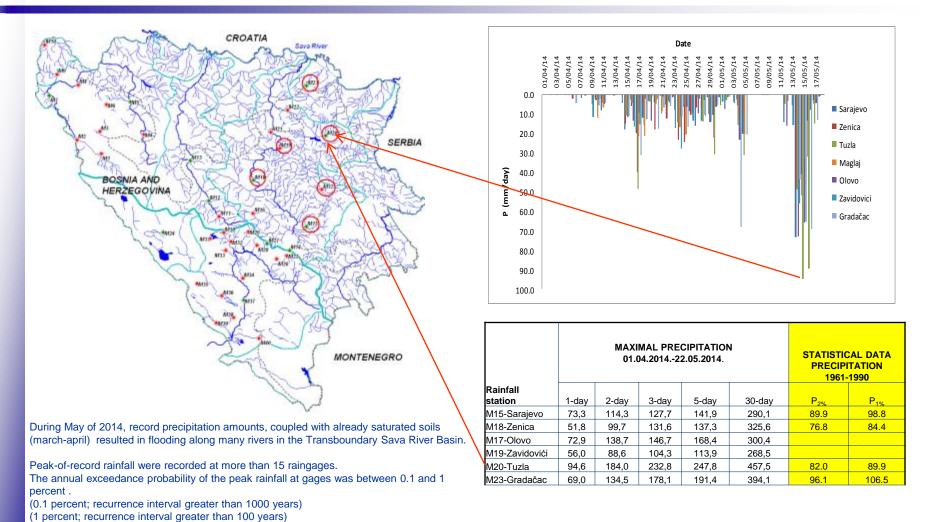
Floodplain Map of the Sava River in Bosnia and Herzegovina

- Flooded Area: 17.950ha=179,50km2



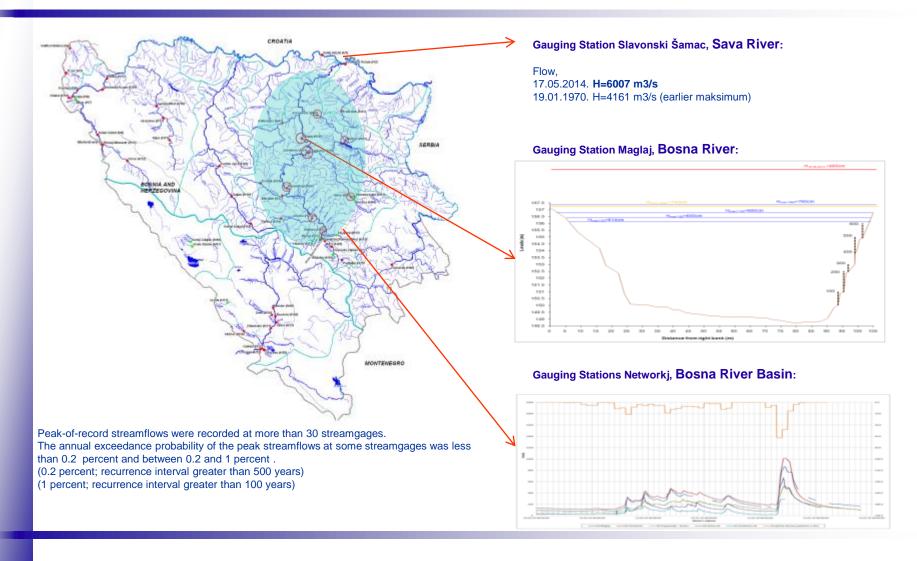


Precipitation





Water Levels





Consequences











Consequences











Conclusion – Lessons learned and good practices

- Natural disasters caused by bad weather, and probably as a result of climate change, have begun to reflect in the Western Balkan region. In this should be taken into account and the occurrence of major floods, caused by excessive rainfall in the previous period of 10 years on several occasions in 2004; 2010; 2014
- The concept of protection from high waters and floods of the Sava river should be improved
- In Bosnia and Herzegovina specifically, in the short term, is required overbuild (superstructure) of 1.2m on the existing dikes along the Sava river, above the projected level for the 1% annual exceedance probability, which requires about 15 million euros
- For long term period for the entire region, for the protection of the floods of the transboundary Sava River, it is necessary to devise an additional concept, since it has been shown that neither the construction of the dikes does not solve the problem without enabling integrated management and planning spill over to the specified fields
- These joint activities can not be carried out by individual countries, therefore we already initiated the active involvement of international organization (Joint Body) for the management of the Sava River The International Sava River Basin Commission (Sava Commission)

Thank You for Attention!