

Environmental Impact and Climate Change Adaptation Planning in Mine Action: Some Initial Thoughts

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*Empowered lives.
Resilient nations.*

Objective



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*Is climate change adaptation planning important for mine action operators, organizations, and authorities to consider?
What is required to incorporate this?*

Background and Impact to Flooding in BiH



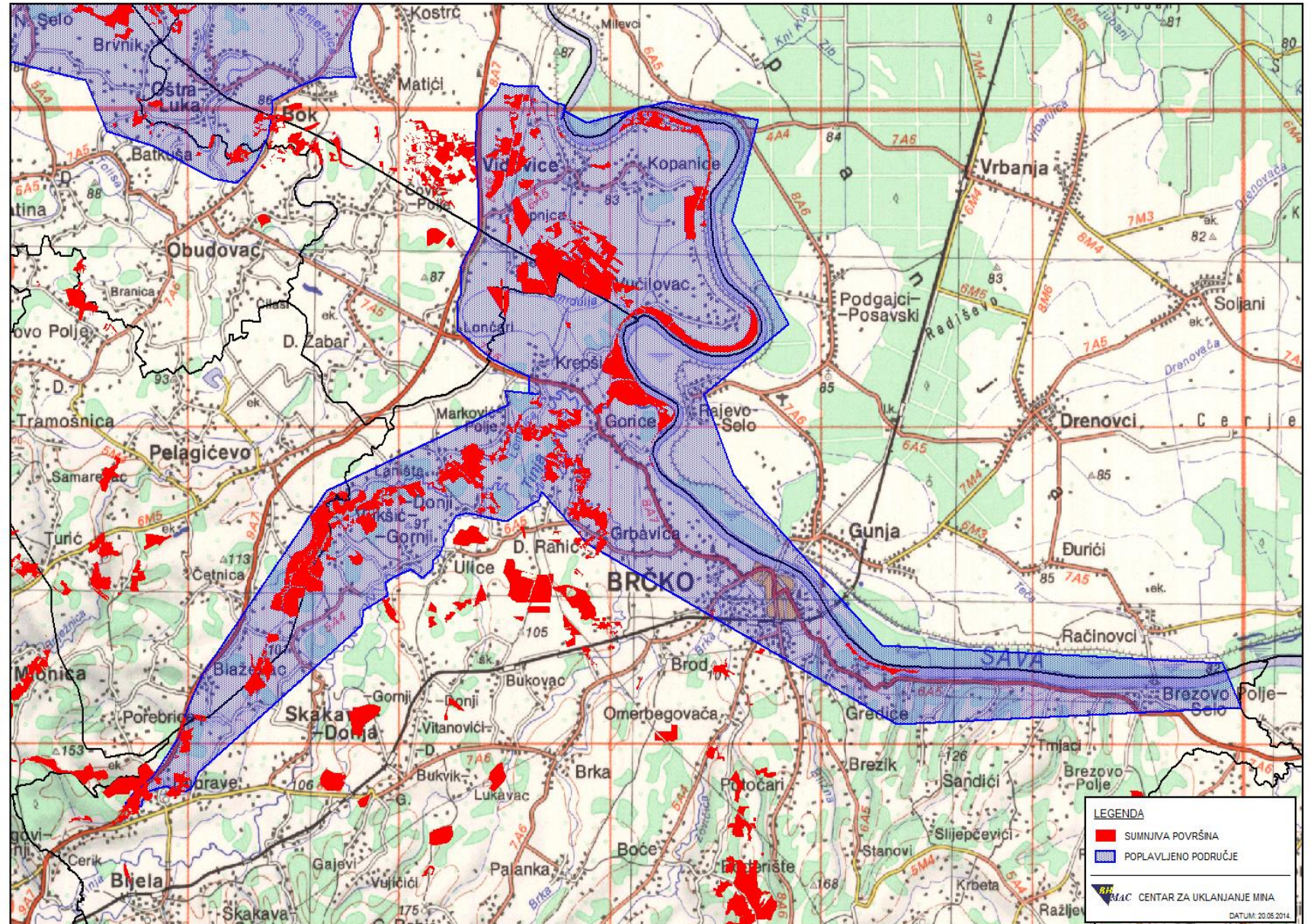
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- In the spring of 2014 heavy rains fell causing massive flooding in the northern, eastern and central parts of Bosnia and Herzegovina (BiH) bordering Croatia and Serbia.
- Highest amount of recorded rainfall in over **120 years**
- **40 municipalities**, suffered major flooding over an 800 sq km area
- **3000 landslides** were registered
- Affected approximately **one million** people - 25% of BiH's total population of 3.8 million



Mine Action Impacts

1. Estimated 47.5 km² of SHAs impacted by floods - threatening half a million people
2. MF records called into question. (*On-Going NTS to reassess*)
3. Zero Mine Incidents were recorded



Brčko areas was completely submerged – Rivers Sava and Sava confluence in the suburban areas were especially under threat

Aligning Mine Action & Disaster Risk Preparedness



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- ***Adaptation and Planning through strengthened national capacities that feed into broader upstream normative frameworks:***
 - 2030 Agenda for Sustainable Development (SDGs)
 - Sendai Framework for Disaster Risk Reduction (SFDRR)
 - Paris Climate Change Agreement.
- Specific areas of focus:
 - **Early Warning and Preparedness** to build countries' capacity to produce and share information.
 - **Integrated Risk Governance** to better manage risks and reduce disaster losses and impacts.
 - **Resilient Recovery** to build back better with more effective pre-disaster policy making and planning for recovery.



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*Disasters displace more people than conflict and violence we need to be
better prepared*

Thank You!