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

Olaf Juergensen
UNDP - Istanbul Regional Hub

Geneva - 23rd NDM 12 February 2020
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

• 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

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

Thank You!