

Multi-hazard and Risk Informed system for Enhanced local and regional Disaster risk management

Factsheet

Múlaþing Municipality

About

Múlaþing is a merged municipality of four smaller municipalities in East Iceland. The merger at the end of 2020 created the largest municipality in the country, covering an area of 10,671 square kilometers, which is over 10% of the area of Iceland. The diversity of the area is therefore great, from the sea to the glaciers.



Interacting hazards

- 1885 Seyðisfjörður avalanche
- Snowstorm Avalanche Slope instability
 - Climate variability
- December 2020 landslides in Sevðisfjörður
- Intense rainfall Landslide Soil saturation - Slope failure - Climate change
- Floods (various events)
- Glacial melt River flood Permafrost thaw - Climate change



High-priority natural hazards identified by Múlaþing stakeholders

- Icon sized by priority level
- Multi-hazard interaction coloured by types: Multivariate compound; Spatially compound

Scenario



Multi-hazard interaction



Impact chain





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