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Send inn 1 abstract per prosjekt selv om dere er flere i gruppen. Ønsker du å holde muntlig presentasjon, kan du gjøre det individuelt – eller som gruppe. Både studenter, universiteter og næringsliv kan delta.

Presentasjon/Poster kan leveres på norsk eller engelsk.

Du blir kontaktet etter at avgjørelse om muntlige presentasjoner og antall postere et tatt.
Vi er svært takknemlige for bidrag!

Mitt innlegg, jeg foretrekker: (rediger etter hvilken presentasjonsform du foretrekker)

- Kun poster (A2 plakat henges opp)

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Nøkkelord: (minst 5 nøkkelord, eks: geofarer, skred, erosjon, flom, ras)

1. Flom
2. Erosjon
3. Flåm
4. Oktober 2014
5. Sikringstiltak

Skriv sammendrag (Abstract) med minimum 200 ord, og maks 1 A4 side (2500 tegn, inkludert mellomrom) her:

Sammendrag / Abstract

The October flooding in Flåmselvi 2014 was a result of heavy precipitation from the 20th to the 29th of October with the highest average precipitation being over a duration of 3 days. Water magazines upstream to reduce flooding were already filled and therefore couldn't lessen the overload in the river. The flood warnings hydrologic model miscalculated the risk, as the precipitation forecast data was lower than the actual amount. The event caused large destruction with social and economic losses, with subsequently cost for mitigation post flooding.



Data and information for pre- and post-flooding was collected from national sources online. ArcGIS was used to simulate and show the change in elevation of the terrain surrounding the river. A field trip to the area was conducted to survey the mitigation put in place following the flood. Safety measures such as placed and dumped rock riprap, monitoring stations, early warning systems, planning regulations for new buildings and an updated flood hazard map has been implemented to better secure the valley against new floodings. The physical mitigation measures were aimed to increase the hydraulic capacity and energy dissipation while also improve the fauna as the river is a protected water course.