

EMERGE Multi-hazards and emergent risks in Northern Europe's remote and vulnerable regions (NERC GPSF NE/W003775/1)

EMERGE Workshop #2 – Oslo, Norway

5th – 6th May 2022

Agenda

Day: Thursday 5 th of May 2022 – Glomma room, NVE		
Time (CET)	Activity	Lead/Contributors
09:00 – 09:10	Welcome to NVE	Dir. Dep Hydrology NVE
09:10 – 09:30	Introduction to EMERGE and the workshop Presentation: Short introduction to EMERGE project and the workshop. Overview of main natural hazards in Norway. Definition of remote areas and overview map of remote areas in Norway.	University of Strathclyde /NVE
	Part 1 – Multi-hazards warnings in the EMERGE partner countries.	
09:30 – 09:45	Presentation: Regional warning services at NVE (landslides, flood and snow avalanches)	NVE
09:45 – 10:00	Presentation: Local early warning system for large mountain deformations (The use of INSAR and other tools to detect large slope deformation and challenges in the monitoring of remote slopes).	NVE
10:00 – 10:15	Presentation: Warning communication at MET Norway. Challenges and opportunities.	MET
10:15 – 10:30	<i>Questions</i>	
10:30 – 10:45	Break	
10:45 – 11:00	Presentation: Natural hazard warnings in the UK	British Geological Survey
11:00 – 11:05	<i>Questions</i>	
11:05 – 11:50	Breakout session #1: Warning service and warning communication <i>Which natural hazards we are able to forecast and send warnings for? Which are the main challenges in forecasting and warning multi-hazards in remote areas? Which are the main challenges in the communication of warnings? Do we make a distinction between the way we communicate warning between populated area and remote areas?</i>	All
11:50 – 12:00	Wrap up from Breakout session #1	
	Part 2 – Emergency response across the northern European countries (with focus on remote areas).	
13:00 – 13:20	Presentation: Multi-hazard prevention along remote road sectors in Norway	SVV, Norway

13:20	13:40	Presentation: How NVE assist municipalities? Organization of emergency response and typical problems.	NVE
13:40	14:00	<i>Questions</i>	
14:00	14:15	Break	
14:15	14:30	Presentation: Warning and informing arrangements for flooding in Scotland	SEPA, Scotland
14:30	14:45	Presentation: Natural hazards in Iceland and the importance of public involvement in preparedness and emergency response	IMO, Iceland
14:45	15:00	<i>Questions</i>	
15:00	15:45	Breakout session #2: Challenges in local response and assistance <i>Who are the users of our warnings? Are there any differences in the way we assist locally remote areas contra populated area in the northern European countries?</i>	All
15:45	16:00	Wrap up from Breakout session #2	
16:00		Close	

Day: Friday 6 th of May 2022 – Glomma room, NVE			
Time (CET)	Activity	Lead/Contributors	
08:30	08:45	Short summary of day 1	
		Part 3 – Data collection, research, monitoring and models used in the prevention of multi-hazards across the northern European countries	
08:45	09:00	Presentation: Changing natural hazards in Northern Europe in a warming climate	Newcastle University
09:00	09:15	Presentation: Hazard research and management in the Arctic region	The Arctic University of Norway
09:15	09:30	<i>Questions</i>	
09:30	09:45	Break	
9:45	10:00	Presentation: Tools to monitor weather conditions in Norway (i.e., Netatmo, Radar data, etc)	NVE
10:00	10:15	Presentation: The use of Regobs, Norway	NVE
10:15	10:30	<i>Questions</i>	
10:30	11:15	Breakout session #3: Research, monitoring and data collection in hazard prevention <i>Do we use specific models or specific monitoring tools for remote areas? What are the operational and research challenges in the forecasting model and in the monitoring? Which are the challenges in data collection in remote areas?</i>	All
11:15	12:00	Demonstration: The use of xgeo.no in the daily hazard assessment, the case of Gyda / Warning room	NVE
13:00	13:15	Wrap up from Breakout session #3	All
		Part 4 – Bringing the northern European countries together	
13:15	14:00	Plenary session: Creating a network <i>How to maintain communication and collaboration among us?</i>	All
14:00	14:30	Wrap-up and next steps	University of Strathclyde/NVE
14:30		Close	