

Field-Day 2024 – Risk Assessment Floods

Date and Place

- Start: 29th August; 18.55h, train station, Langnau i.E.
- End: 30th August; 17.30h, train station, Langnau i.E.

Programme

Thursday, 11 th July		
18.55	Welcome of participants	Train Station, Langnau i.E.
19.15	Dinner	Gasthof Bären, Langnau
20.30	Introduction to the Field-Day	Hotel Hirschen, Langnau
21.45	Overnight Stay	Hotel Hirschen, Langnau
Friday, 12 th July		
07.30	Breakfast	Hotel Hirschen, Langnau
08.25	Transport to Field-Site	Hotel Hirschen, Train Station, Langnau
08.45	<u>Hazard Assessment</u> - Transect Walk: measure of cross-section and inclination - Hydrology determination (AUGUR), scenario building - Transect Walk: determination of weak points and flood flow	Field Site
12.30	Lunch	Field-Site
13:30	<u>Hazard Assessment and Risk Analysis</u> - Intensity mapping and hazard map, definition of critical sites - Definition of mitigation measures - Hazard Mapping considering the mitigation measures - Risk and Cost-Benefit Analysis of the mitigation measures - Concluding discussion	Field-Site
17.40	Transport to train station, Langnau	
17.50	(approx.) Departure	Train station, Langnau i.E.

Meeting Points

- 29.8., 18.55h, Train Station in Langnau
- 29.8., 20.30h, Hotel Hirschen in Langnau
- 30.8., 08.25h, Train Station in Langnau

Field-Day 2024 – Risk and Cost-Benefit Analysis Floods

Preparation

- The field-day is part of the Learning Journey Hazard and Risk Assessment, recapitulating of the hazard assessment done in 2023 and putting into practice the learning of the webinar modules on risk assessment conducted in the first half of 2024.
- Please have a look at the webinars, if you have not participated at the webinar modules, particularly:
 - [Module 1 – Introduction to risk assessment](#)
 - [Module 2 – Quantitative risk assessment](#)
 - [Module 3 – Quantitative risk assessment using MiResiliencia](#)

What to bring

- Adequate clothing as we are working mostly outside (waterproof boots).
- Writing pad and felt-tip pens/pencils in different colours.
- Notebook: please install the programme MiResiliencia that can be downloaded from the SRC website [Hazard and Risk Guidelines](#). Alternatively, you may use the excel for cost-benefit analysis that can be downloaded from the same site.
- Water bottle and snack as needed.

Confirmation of Field-Day / alternative date

- Please note that we will conduct the field-day only if the weather allows for it. If heavy or long-lasting rain is forecasted, we will postpone the event.
- We will inform with a confirmation email on the 10th of July.
- An alternative date will be looked for in late August or early September, same timing.

Facilitator

- Georg Heim, Head of Water Engineering for Emmental Region, former SRC DRR Advisor

Further information / emergency contact

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