

Training course: rockfall hazard assessment using Rockyfor3D

Date(s): Tuesday 16 & Wednesday 17 May 2017

Place: Hotel Prealpina, Route de Préalpina 3, 1071 Chexbres (VD), Switzerland

Tuesday 16 May 2017

8:15	Welcome coffee
8:30	Introduction of the course & presentation of the participants
9:00	Presentation on Rockyfor3D and work flow for rockfall modelling - part I
10:30	Coffee break
10:45	Presentation on Rockyfor3D and work flow for rockfall modelling - part I
12:00	Lunch in Hotel Prealpina
13:45	Transport to Mont-Pélerin ¹
14:00	Terrain visit and preliminary analysis of the rockfall hazard
14:30	Explication and discussion of the terrain recording sheet for Rockyfor3D
15:00	Exercise terrain recording
16:00	Feedback on the field exercise / other questions
16:30	End of day 1

Wednesday 17 May 2017

8:30	Presentation on parameter sensitivity in Rockyfor3D
9:00	Trajectory modelling for hazard maps – using results of Rockyfor3D
10:00	Coffee break
10:30	Use of SAGA –GIS Scripts and exercise with Rockyfor3D
12:00	Lunch in Hotel Prealpina
13:30	Presentation on the integration of protective measures (forests, nets, dams)
14:00	Exercise Rockyfor3D with forest and nets
15:00	Remaining questions of participants
15:45	Feedback of participants and synthesis
16:00	End of the training course

Things to bring :

- A laptop with administrator rights and the programmes SAGA-GIS 4.0.1 (downloadable from www.saga-gis.org), Rockyfor3D and QGIS (www.qgis.org) installed. If you have ArcGIS, QGIS is not strictly necessary, but might be helpful.
- Field clothing and shoes
- Field material (folding ruler, pencils, mapping support, camera, ...)

For more information:

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¹ Transport by car; please inform us whether you will be coming by car and how many places you have available to organise the terrain visit as efficiently as possible.