

WEGGIS, SPARE ROCK WALL

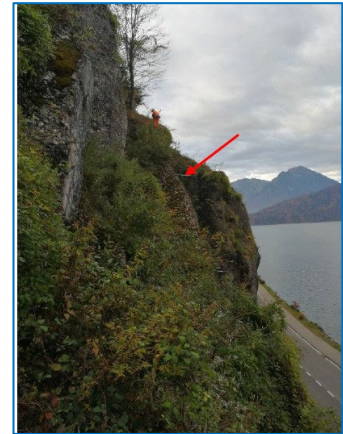
The Spare Nagelfluh rock wall is located above the busy connecting road between Weggis and Vitznau, which runs along Lake Lucerne in Switzerland.

THE PROJECT

In front of the wall stand individual large blocks, some of them detached from the wall, which are monitored by Huggenberger-measurement

THE SYSTEM

Rock displacements are monitored using 20 Telejointmeters and a laser distance meter. In addition, 3 air temperature sensors are installed to determine the effects of temperature to the rock displacement. Also here the WRLog system is also used. The Telejointmeters are connected in groups to 4-channel radio modules. The nodes continuously send their measured values to the gateway via radio data transmission. These measured values are immediately transferred to the Huggenberger monitor data platform and are available as tables or in diagrams on an overview photo.



THE OUTCOME

Also here the WRLog system is also used. The Telejointmeters are connected in groups to 4-channel radio modules. The nodes continuously send their measured values to the gateway via radio data transmission. These measured values are immediately transferred to the Huggenberger monitor data platform and are available as tables or in diagrams on an overview photo.

