

GNSS Monitoring Kilchenstock

Monitoring of terrain displacement with autonomous GNSS stations



- 📍 Glarus, Switzerland
- 👤 Glarus South municipality
- 🕒 2017 - ...

Services

- ◆ Installation, commissioning and operation of GNSS sensors
- ◆ Automatic monitoring in a 24-hour cycle
- ◆ Online access to current measurement data on the web-based, password-protected customer portal

Technologies

- ◆ 5 TEDAMOS GNSS sensors
- ◆ Web-based, password-protected customer portal with 24/7 access

The movement speeds and directions in a glide area in the municipality of Glarus Süd in the Swiss Alps are being monitored over the long term using five autonomous, solar-powered single-frequency GNSS stations.

To this end, existing measurement sites of the ETH Zurich were taken over and equipped with new TEDAMOS single-frequency GNSS sensors in 2017.