

Integrated glacier monitoring & capacity building within the Global Terrestrial Network for Glaciers

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GTN-G Executive Board

Justification:

The World Glacier Monitoring Service coordinates the worldwide collection of standardized glacier data. As such it provides base data for future glacier and climate change projections and for assessing impacts on the environment, economy and society.

Innovation:

The WGMS promotes innovative application and strategies of ground- and remote sensing-based monitoring to observe ongoing, and to assess past and possible future changes and impacts in mountain systems. The WGMS makes data freely available and analyses the needs for sustainable (long-term) glacier monitoring in target regions. This includes the generation of country profiles in South America and in Asia. Based on those profiles, targeted capacity building and twinning activities are planned.

Geographical coverage:

The WGMS maintains a well-established scientific network of local investigators and national correspondents in all the countries involved in glacier monitoring.