



The Global Terrestrial Network for Glaciers: an overview of recent activities

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The Global Terrestrial Network for Glaciers (GTN-G) is an organizational framework for three operational bodies dedicated to global mapping and monitoring of glacier changes. In this talk I will provide an overview of recent progress made by the World Glacier Monitoring Service (WGMS), the National Snow and Ice Data Center (NSIDC) and the Global Land Ice Measurements from Space (GLIMS) toward distribution and analysis of global in-situ and remotely sensed glacier observations. I will highlight new initiatives aimed at database integration, modernization of internet-based tools, and enhanced community outreach. These activities are helping to generate new discoveries in cryospheric studies, which I will illustrate through several example applications. Finally, I will outline a vision for future GTN-G efforts that will enable rapid response to anticipated glacier variations resulting from climate variability.