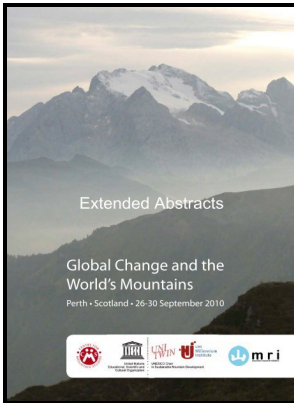


Meltwater generation and drainage within a small glacierized basin in the French Pyrénées

University of Birmingham - Meltwater



Description: -

-Meltwater generation and drainage within a small glacierized basin in the French Pyrénées

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Staff

The studies of and concerning the Upper Langtang and the Dudh Koshi basin, respectively, showed that most of the winter outflow surges from soil, channel, surface, and englacial storage changes, which is consistent with our results. Whereas glaciofluvial deposits are formed by meltwater, glaciolacustrine accumulate at the margins and bottoms of glacial lakes and ponds.

Particle size characteristics of suspended sediment transported in meltwater from the Gangotri Glacier, central Himalaya — An indicator of subglacial sediment evacuation

This evidence comes from studies of fossils found in deep-sea sediment cores, and what they tell us about ocean surface temperatures in the past. ENSO and Seasonal Snow The El Niño — Southern Oscillation phenomenon, and the associated ocean-atmosphere conditions in the tropical Pacific, constitute major factors modulating the interannual variability of the solid and liquid precipitation that reaches the Andes. However, the high level of noise usually challenges this assumption, causing a phase difference exceeding π and bringing challenges to unwrapping.

A conceptual, linear reservoir runoff model to investigate melt season changes in cirque glacier hydrology

Variations in the microclimates of the valleys of the St Elias Mountains are responsible for the varying stages of degradation of the ice-cored moraines. Figure illustrates the two definitions of the different contributions to outflows.

Particle size characteristics of suspended sediment transported in meltwater from the Gangotri Glacier, central Himalaya — An indicator of subglacial sediment evacuation

The age of these moraines is unknown but, since many of them lie well outside the established maximum Neoglacial positions, the possibility that they reflect a return to glacial climates during the Younger Dryas Chronozone or Antarctic Cold Reversal cannot be discounted. Images with high or low coherence, images with or without ground motion and images with smooth or less smooth ionosphere will be tested, the results analysed and compared with the theoretical expectations.

Meltwater

The WS interferograms for the inversion of rate map were contaminated by co-seismic and postseismic deformation of Mw7. The Dusty Glacier Lake was impounded by glacier surges and had a duration of only a few years after each surge.

Lake

Coherence is usually computed using a boxcar coherence kernel.

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