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Connectivity changes between slopes and Umiujaq River, Nunavik, Canada

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UMIUJAQ WATERSHED: CONTEXT AND OBJECTIVES



Umiujaq River watershed is located in subarctic Nunavik, on the eastern shore of Hudson Bay. With a surface of 27 km², the watershed drains rocky surfaces as well as sandy sediments from the inherited glacio-fluviomarine terraces formed at the end of the last glacial period. The village of Umiujaq, and associated infrastructures, develops along the downstream third of the river. We propose a multiscalar approach, from the watershed to the site, to explore connectivity dynamics. That documents the potential slopes-to-channel sediment fluxes that might modify the watershed socio-ecosystem.





