



Source-to-Sink-Fluxes in Undisturbed Cold Environments (Hardback)

By -

CAMBRIDGE UNIVERSITY PRESS, United Kingdom, 2016. Hardback. Book Condition: New. 276 x 219 mm. Language: English . Brand New Book. Amplified climate change and ecological sensitivity of polar and cold climate environments are key global environment issues. Understanding how projected climate change will alter surface environments in these regions is only possible when present day source-to-sink fluxes can be quantified. The book provides the first global synthesis and integrated analysis of environmental drivers and quantitative rates of solute and sedimentary fluxes in cold environments, and the likely impact of projected climate change. The focus on largely undisturbed cold environments allows ongoing climate change effects to be detected and, moreover, distinguished from anthropogenic impacts. A novel approach for co-ordinated and integrative process geomorphic research is introduced to enable better comparison between studies. This highly topical and multidisciplinary book, which includes case studies covering Arctic, Antarctic, and alpine environments, will be of interest to graduate students and researchers in the fields of geomorphology, sedimentology and global environmental change.



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