Geodiversity-biodiversity relationships in alpine environments: a biogeomorphic perspective

1 Geomorphologic diversity

Process

Landform

Material

Biogeomorphic feedbacks

2 Ecological diversity

Ecological processes

Niches ↔ Species numbers

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3 Lateral moraines

- High/Moderate
- Low
- Stable

Min: 3, Max: 24

4 Turf-banked solifluction lobes

- Within-landform species diversity: landform elements

5 Mueller glacier foreland (NZ)

- Species diversity change in time: Biogeomorphic succession with ecosystem engineering

Additional (bio)geomorphic Essential Geodiversity Variables (EGVs)?

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More information on biogeomorphic feedbacks in alpine environments

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