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Biogeomorphic succession

Old terrain age

igh vegetation cover

Low geomorphic activity

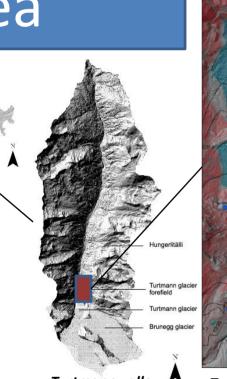
Research goal

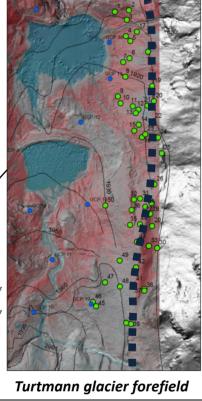
To understand the relationships between **biogeomorphic** interactions, patterns and succession dynamics on Little Ice Age lateral moraines by applying and developing biogeomorphic concepts.

Study area

Turtmann glacier forefield (Valais, Switzerland)

The Turtmann glacier forefield is located at the southern end of the Turtmann valley, which is a north-south oriented tributary to the Rhône valley. Its most mportant sediment storages are the Little Ice Age lateral moraines at the eastern valley side.





Biogeomorphic approach

Vegetation, geomorphic and soil paramaters were sampled in 50 permanent plots along the lateral moraines. Data was classified and statistically analysed to identify relationships between vegetation, geomorphic, soil and environmental properties.

