Quantification of biogeomorphic feedbacks in high mountain environments

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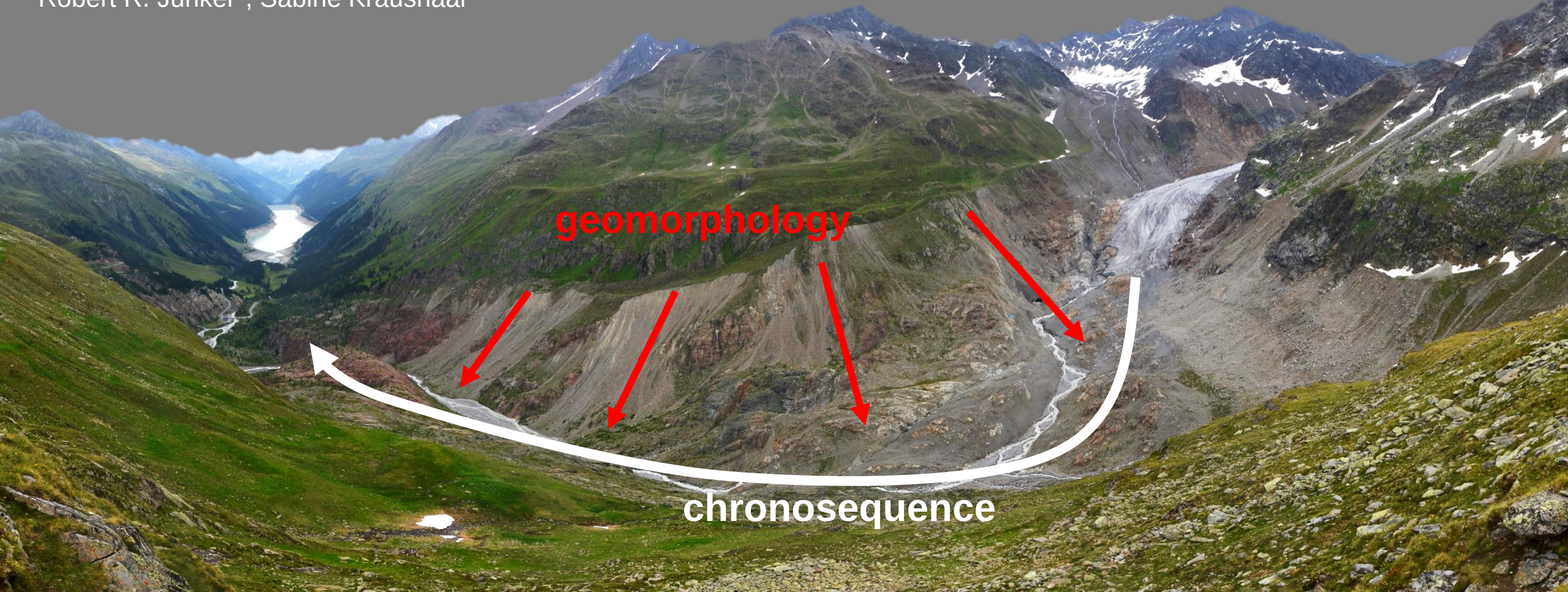
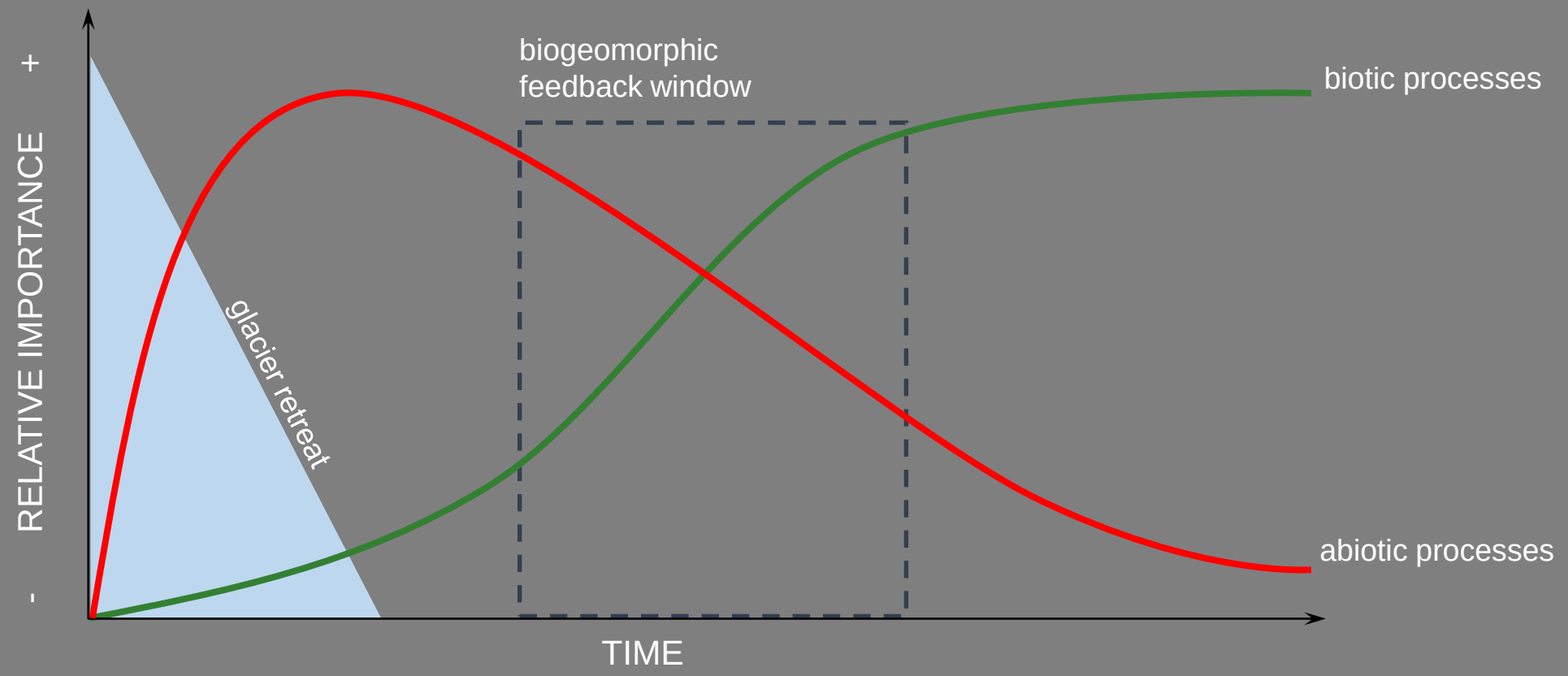


A conceptual look at the glacier foreland



adapted conceptual model (Matthews 1991, Viles 2008, Corenblit 2011, Balke 2014, Eichel 2016)

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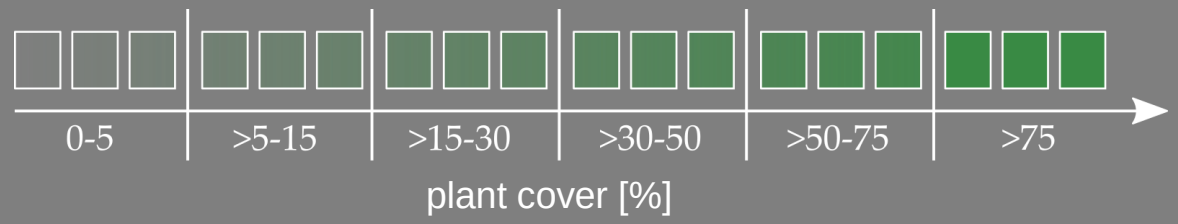
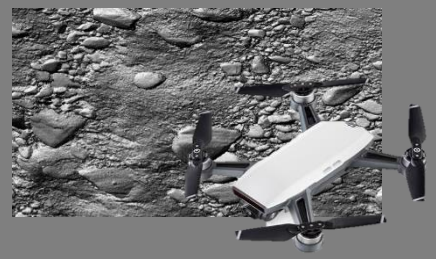
Research Design

- 60 plots (2x3m) for vegetation survey and measurement of geomorphic activity





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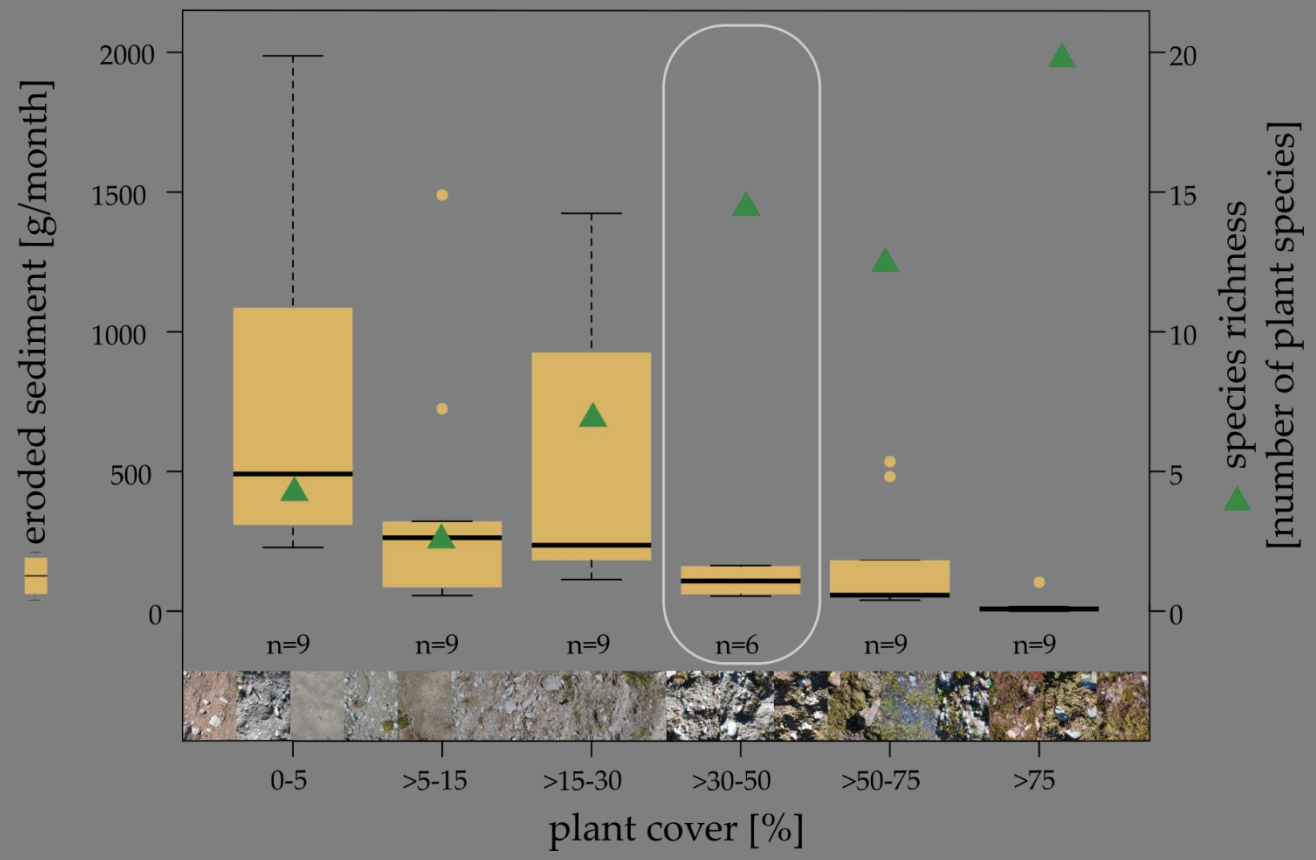
First Results and Outlook



- **„Disturbance instead of time“ →** as descriptor of community structure/development
- **„Beyond plant cover“ →** Influence of community structure and functional diversity on geomorphic activity