Chilean Lake sediments as archives for climate variability during the past 1000 years (CHILE1000) 
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Abstract:

This grant forms an essential contribution to the SNSF Ambizione project ‘**Cold-season climate variability in the Chilean Andes during the past millennium**’. This project aims to develop high-resolution, quantitative reconstructions of summer and winter temperature variability in the Chilean Andes during the past 1000 years based on novel methods; chrysophyte stomatocyst analysis and scanning in-situ reflectance spectrometry. These records will be used to put recent climatic changes in a long-term context, study changes in seasonal contrasts/extremes and to study forcing factors in the greater study area by comparison to GCM ensemble runs.

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