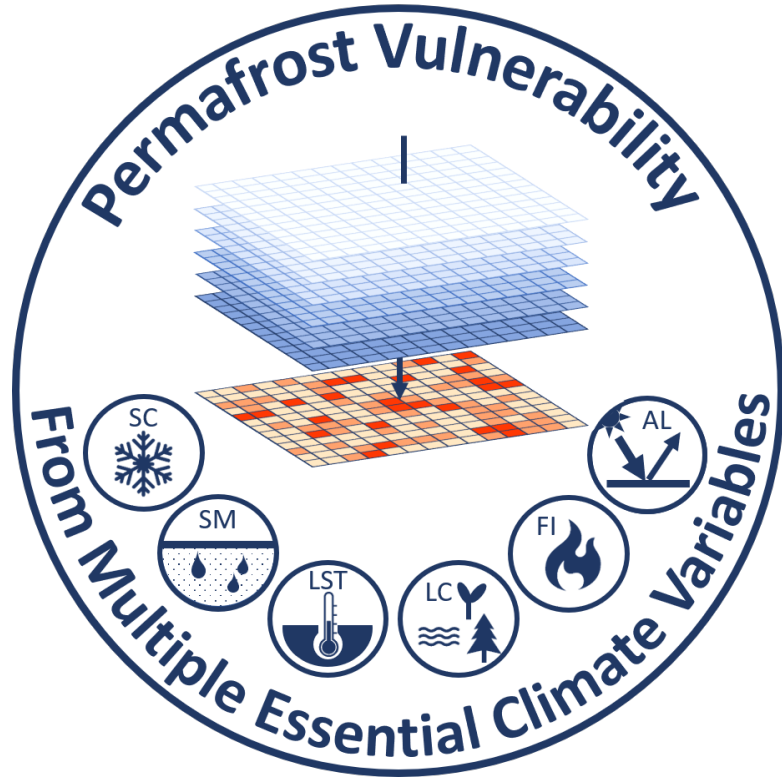
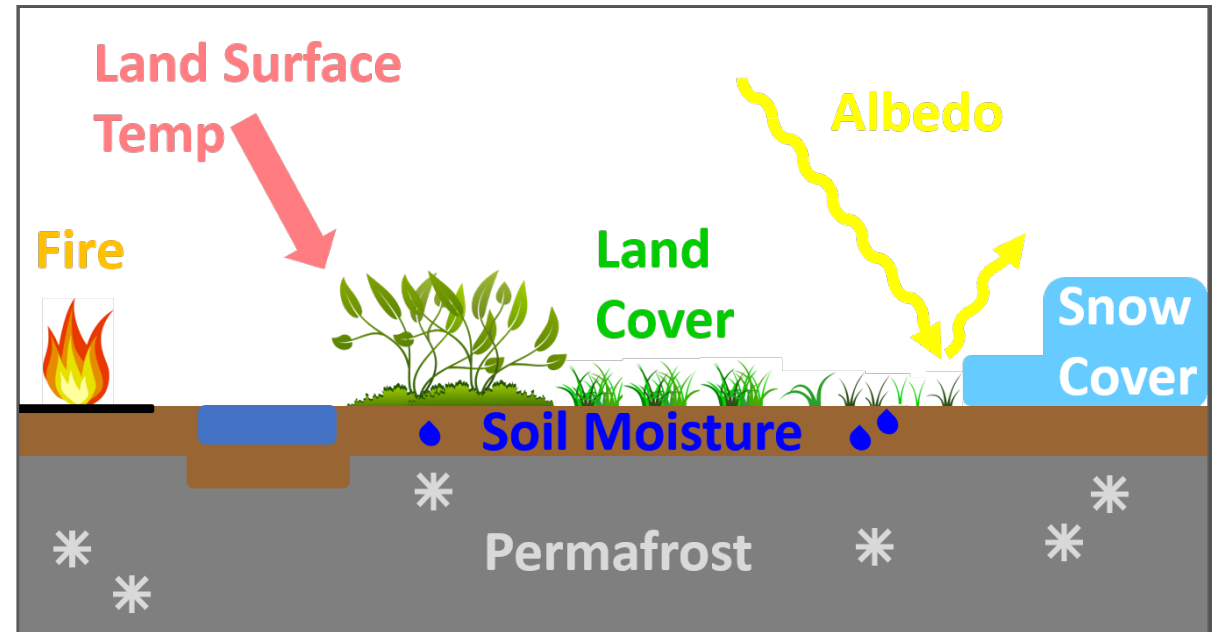


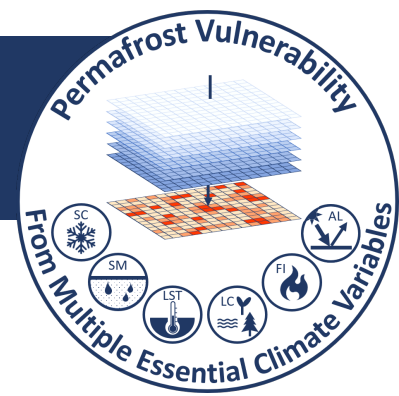
# Permafrost Vulnerability from multiple ECV



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# Spatiotemporal Variability Assessment



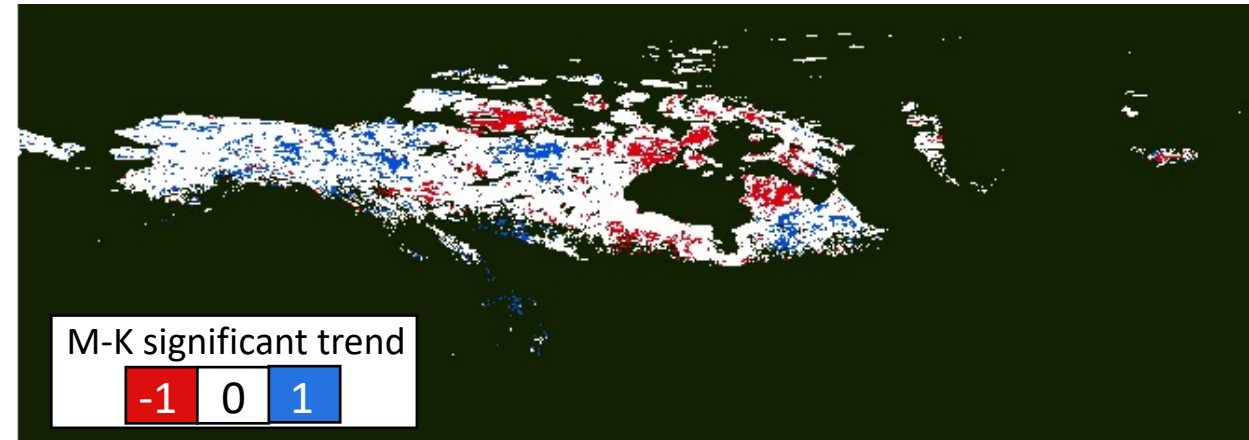
1. Annual averaging and statistical analysis

2. Spatial and decadal trend analysis

3. Temporal correlation analysis between ECVs



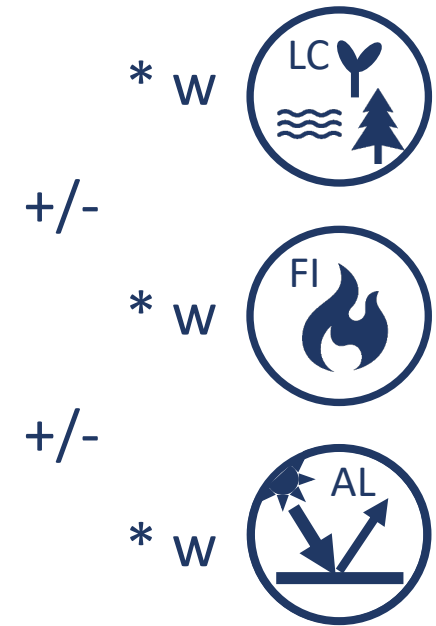
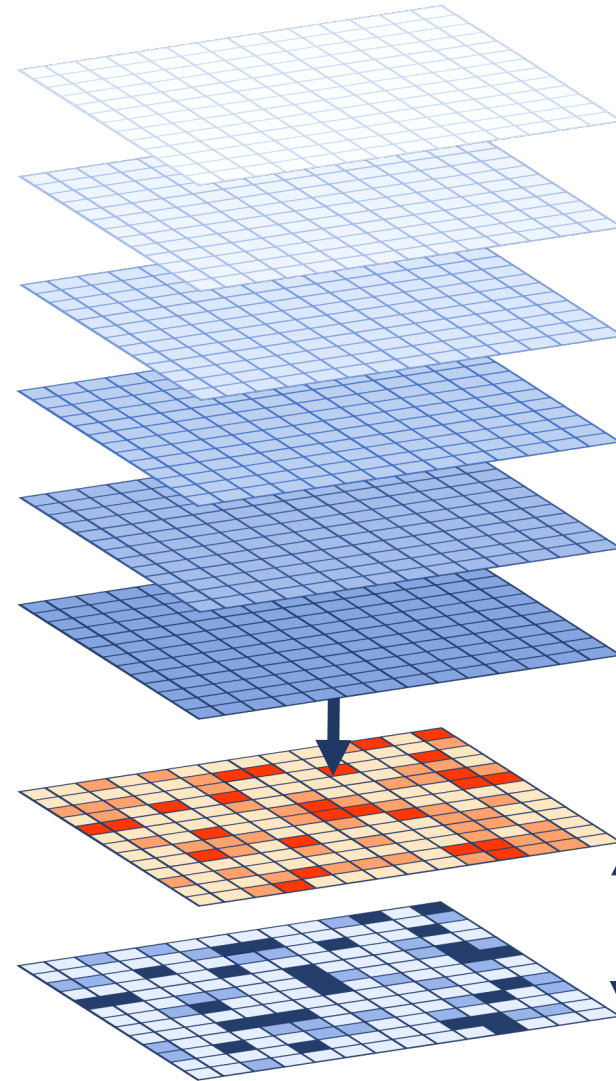
ESA CCI Soil Moisture (2000-2020)



# EO Permafrost Vulnerability Assessment



\* W  
+/-  
\* W  
+/-  
\* W  
+/-



\* W  
+/-  
\* W  
+/-  
\* W

Permafrost Vulnerability

permafrost\_cci: ALT, GT

w = weight

+/- = positive/negative feedback