

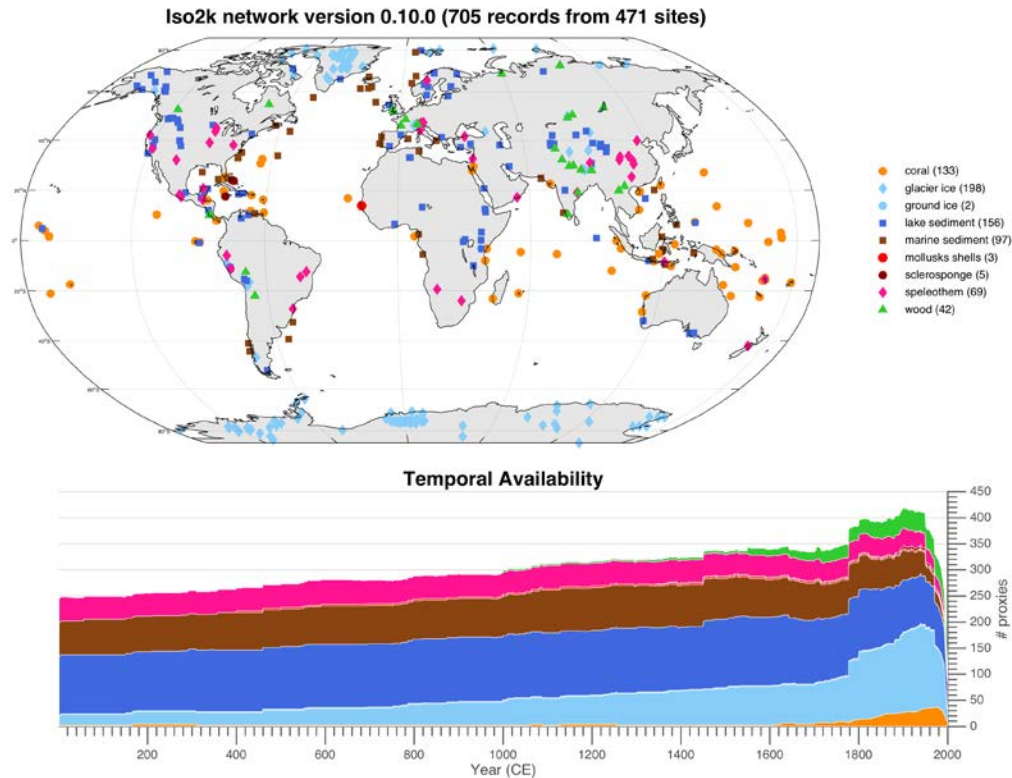
Palaeoclimate Dynamics

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Title: Climate change recorded in water isotopes during the last 2,000 years

Data: Climate model output & proxy records of $\delta^{18}\text{O}$

Climate change recorded in water isotopes during the last 2,000 years



Compilation of isotope records covering the past 2,000 years (figure by: PAGES Iso2k project)

Goal of thesis:

- detect and analyze climate changes as recorded in stable water isotopes over the last 2,000 years

Available data

- transient climate simulation including stable water isotope diagnostics covering the last two millennia
- various climate proxy records of $\delta^{18}\text{O}$ changes in precipitation from PAGES Iso2k project (e.g., ice cores, corals, speleothems, lake sediments)