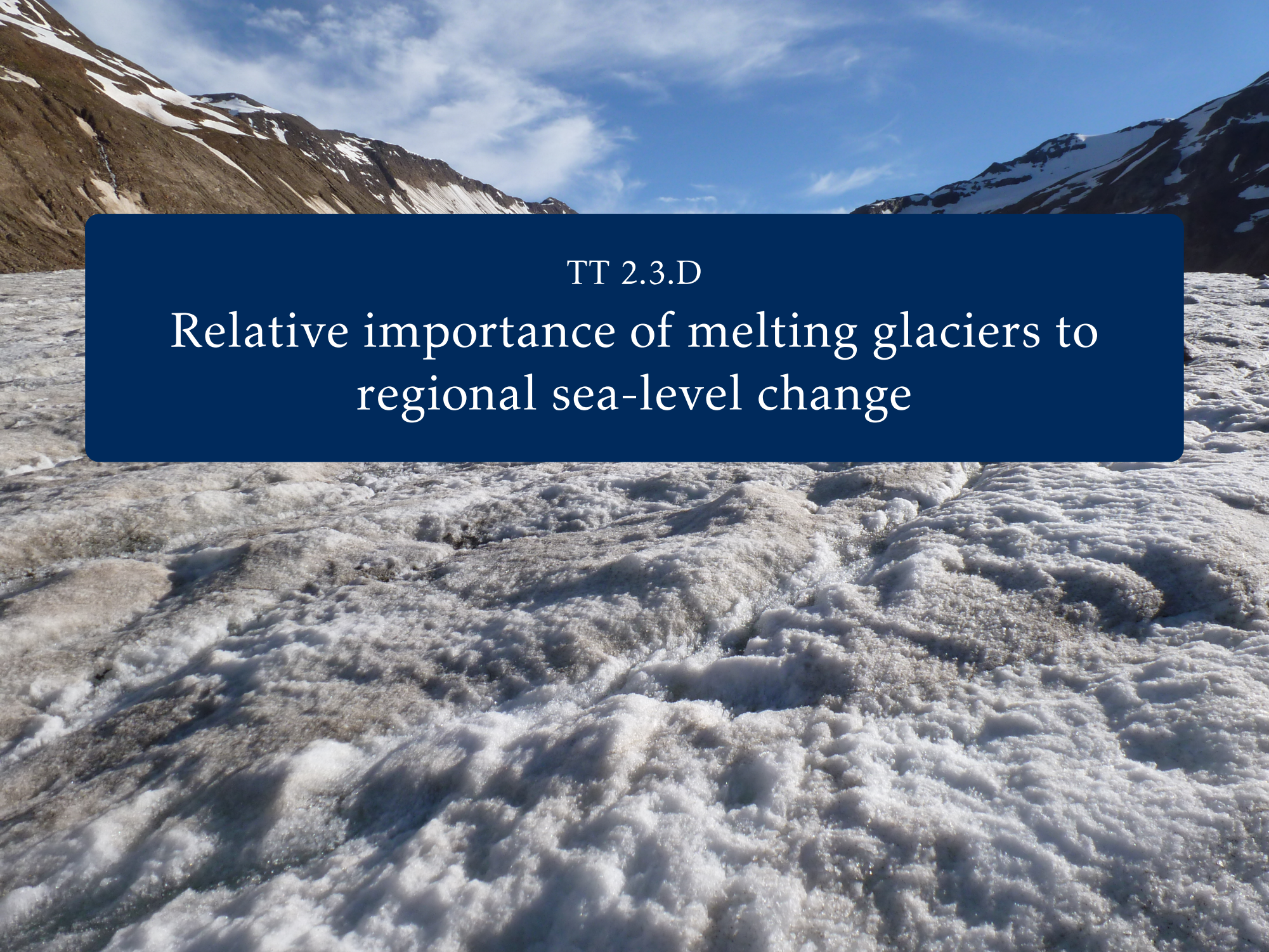


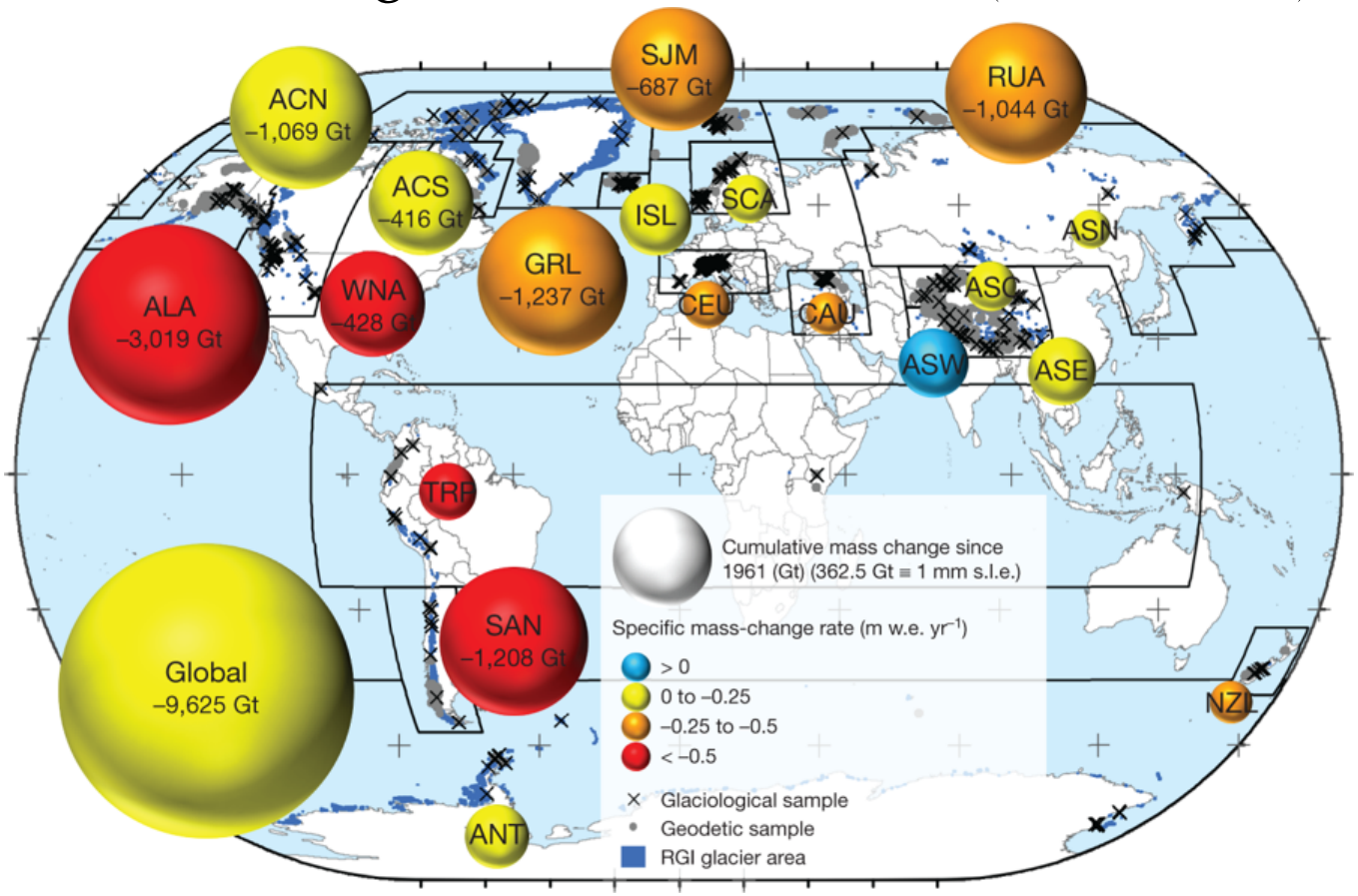
TT 2.3.D

# Relative importance of melting glaciers to regional sea-level change

Antarctica: 58 m
Greenland: 7 m
glaciers: < 0.4 m

# Glaciers are loosing mass

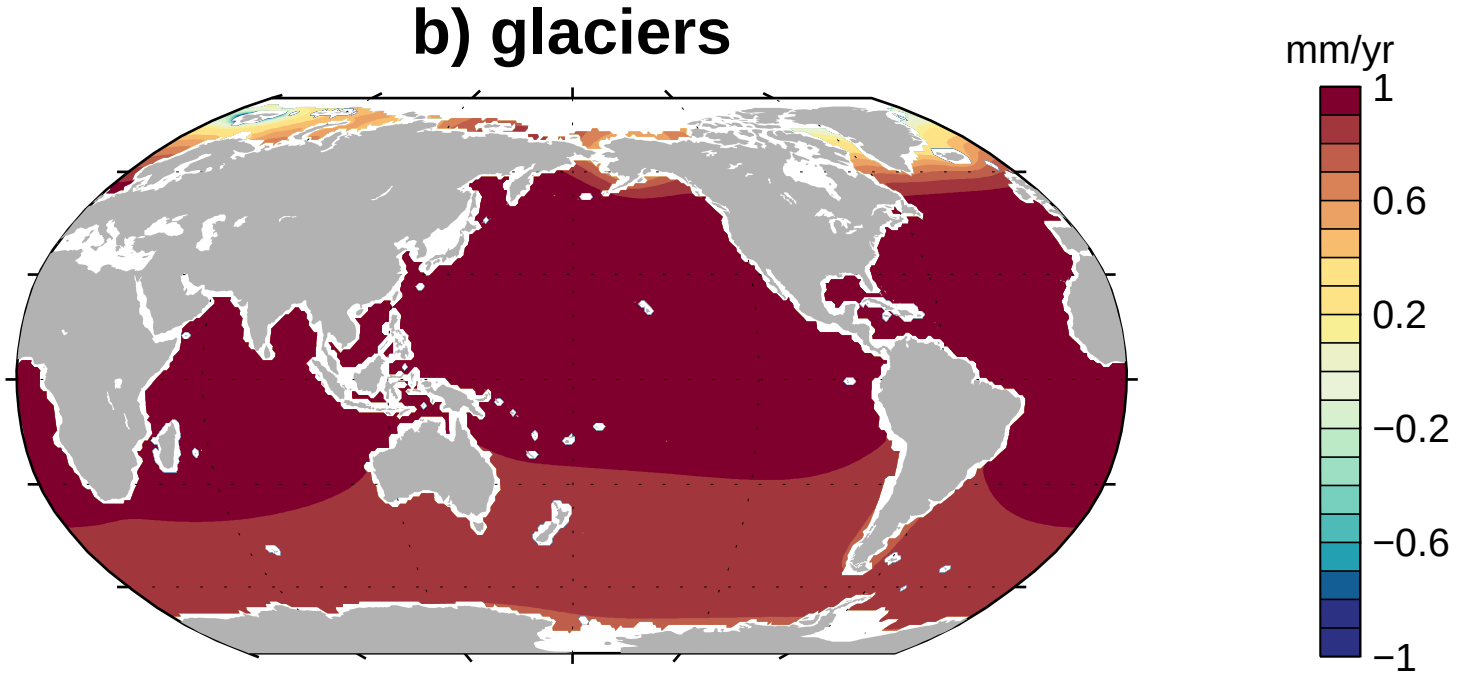
World-wide glacier mass loss in Gt (1961–2016)




Zemp et al. (2019)

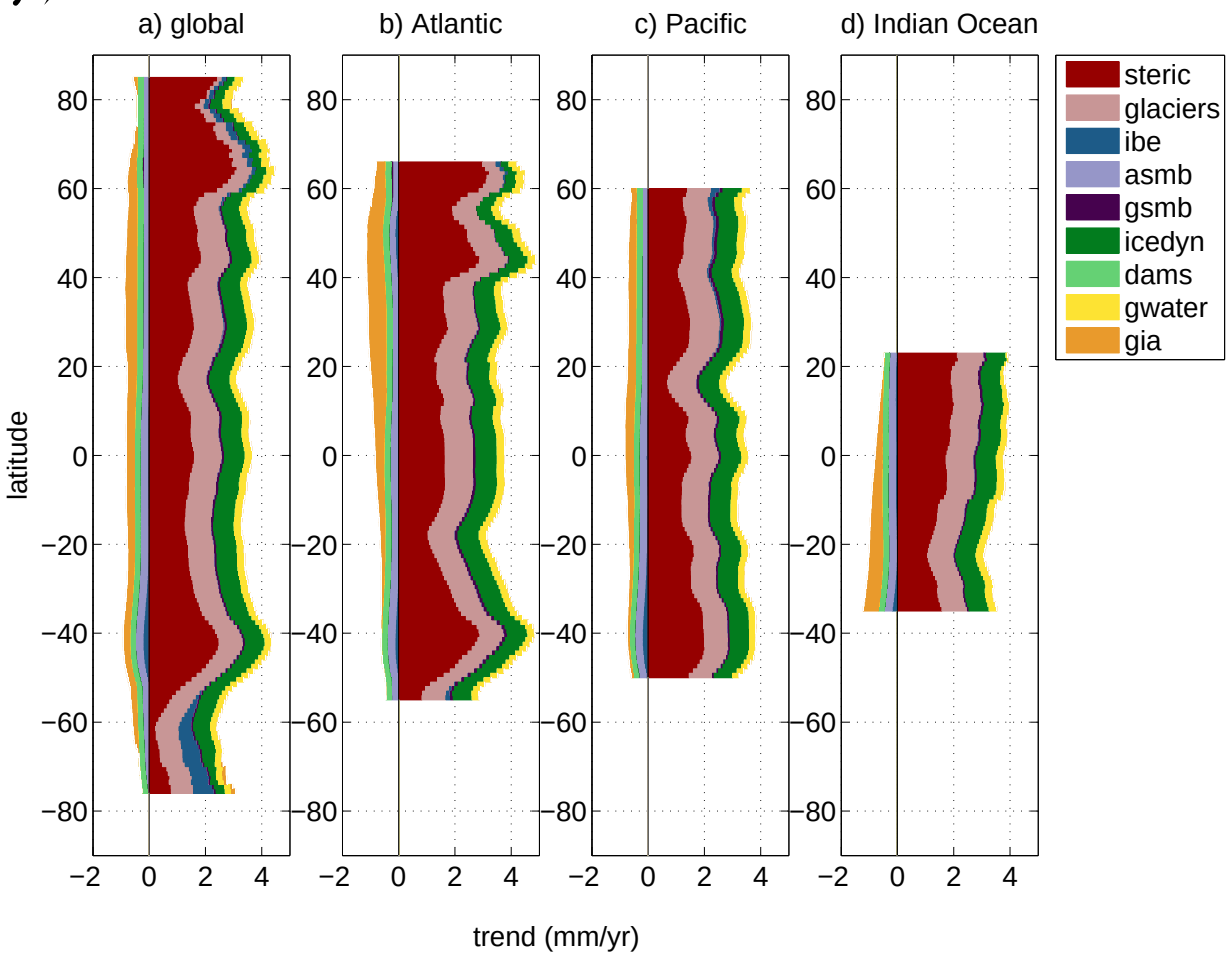
# Simulated contribution to sea-level rise 1993–2015

Regional sea-level change due to world-wide glacier mass change



# Simulated contributions 1993–2015: zonal averages

Glaciers are the second largest contributor to sea-level change after the sterodynamic contribution (1.5 and 0.9 mm/yr, respectively).



Antarctica: 58 m
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