Uncertainties

Present-day mass exchange:

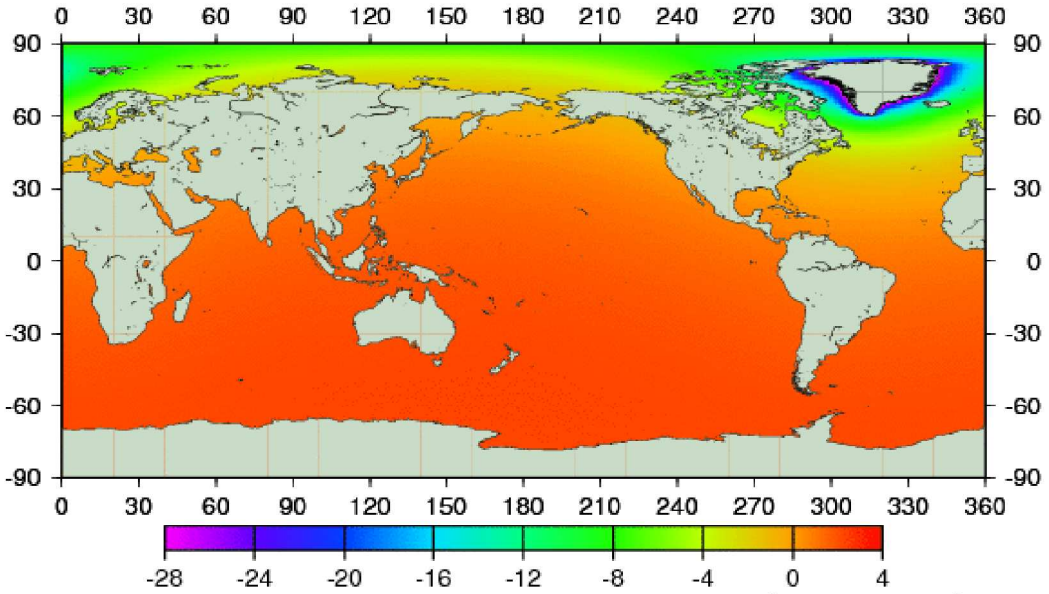
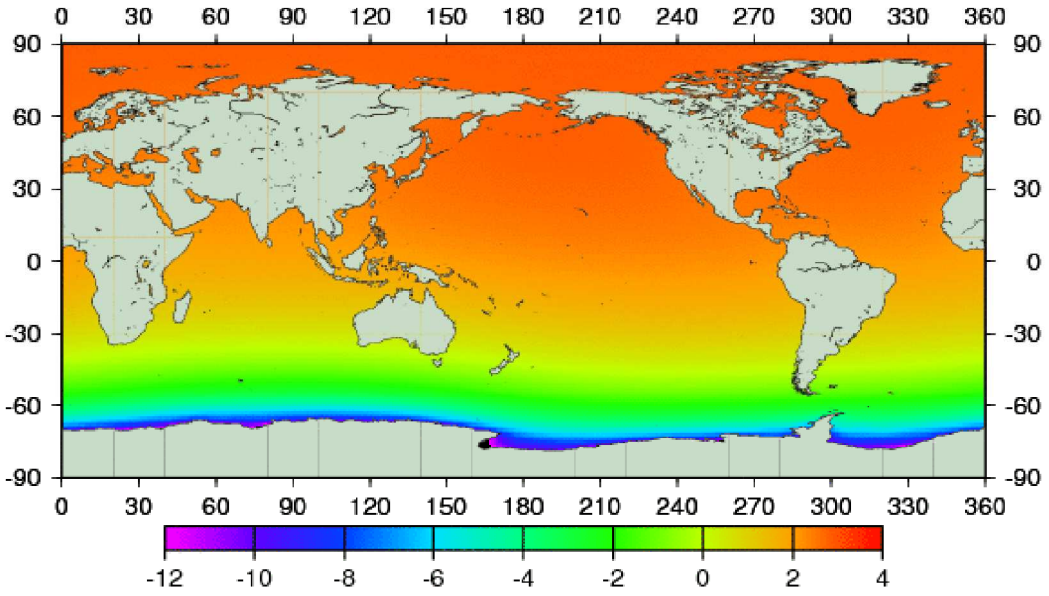
- Ice sheets
- Glaciers
- Land water storage

For known mass changes: Solution of the static sea level equation

Simplifications:
- spherically symmetric Earth model
- elastic (up to century time scales)

Fingerprint admittance functions:
describe the effect of a unit ice mass change in a given area on sea level.

Greenland



Antarctica