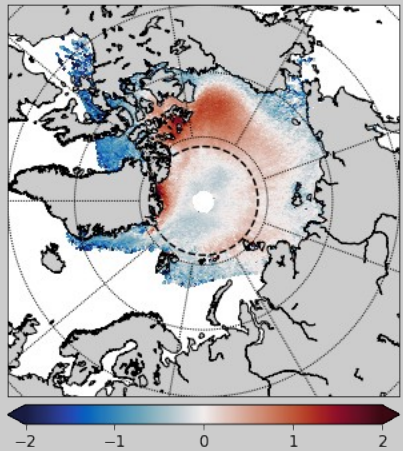
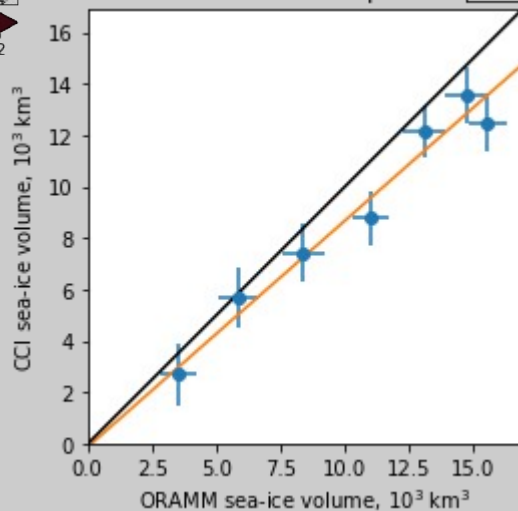


# Evolution of sea-ice volume is a major uncertainty of the Earth system

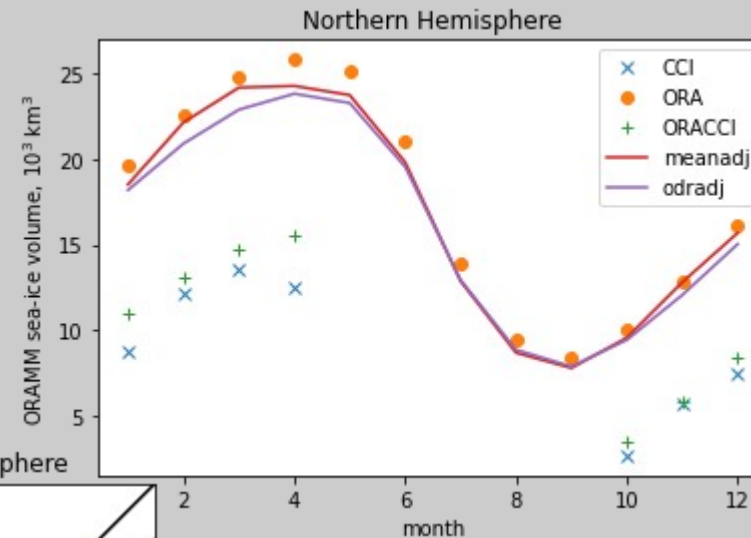
Four ocean reanalyses (ORAs) and ESA CCI satellite observations are used to construct 30-year mean-adjusted Arctic sea-ice volume time series and its uncertainty for the entire Arctic Ocean and sub-basins.



## 2. Explored differences between ORA and CCI sea-ice volumes



## 1. Calculated ORA and CCI sea-ice volumes from thicknesses



## 3. Adjusted ORA sea-ice volume climatology towards the CCI one

## 4. Added climatologies to ORA sea-ice volume anomalies

