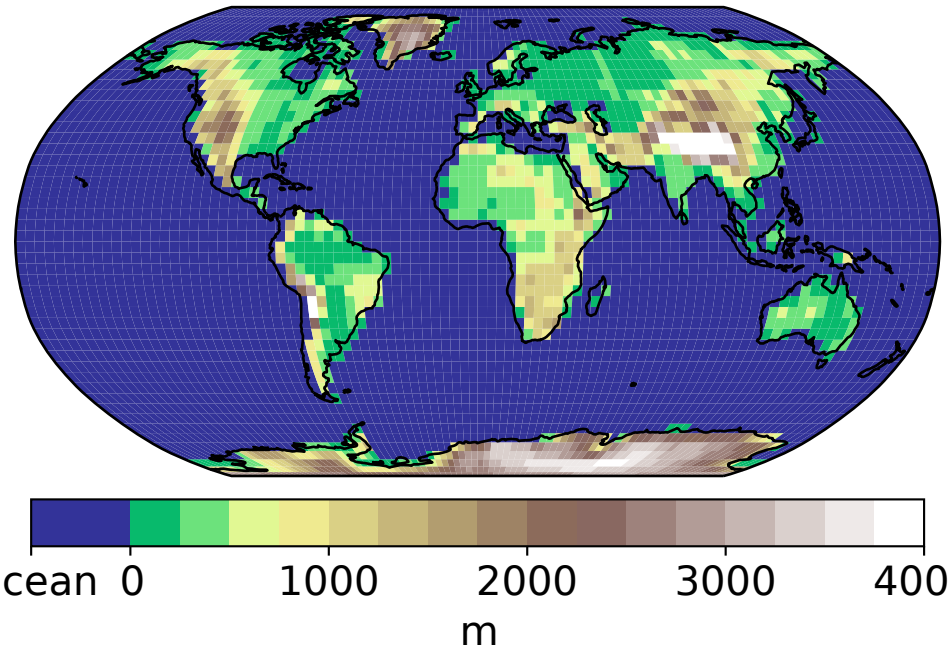
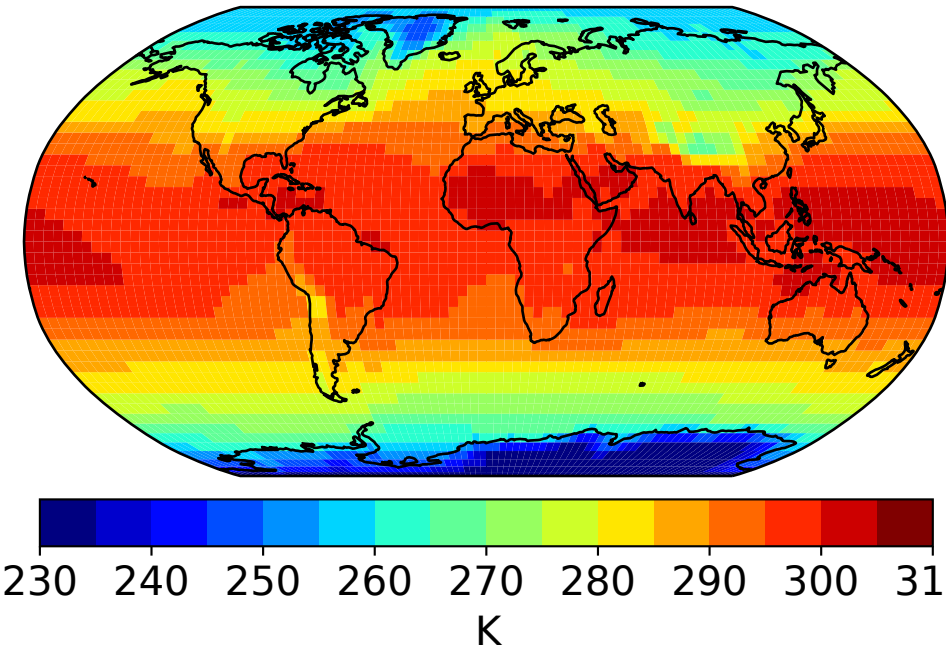
(a) GREB topography



Ocean 0 1000 2000 3000 4000

m

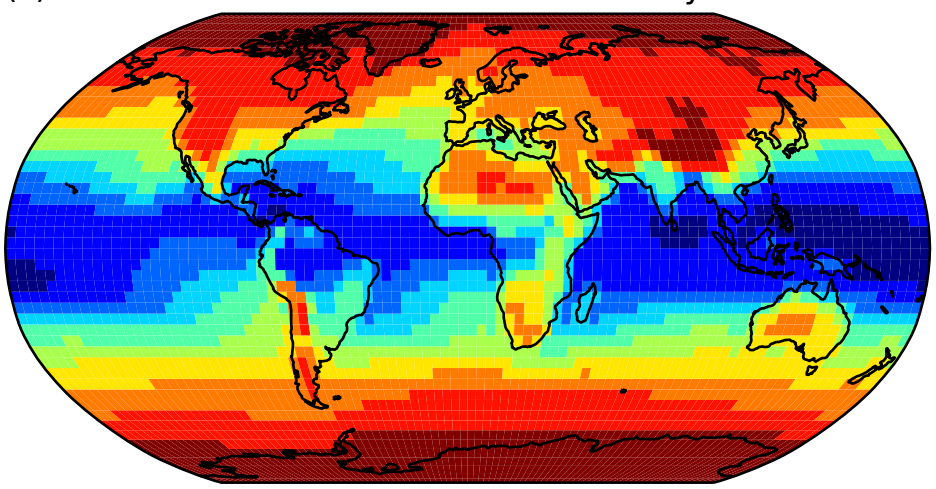
(b) ERA-Interim surface temperature



230 240 250 260 270 280 290 300 310

K

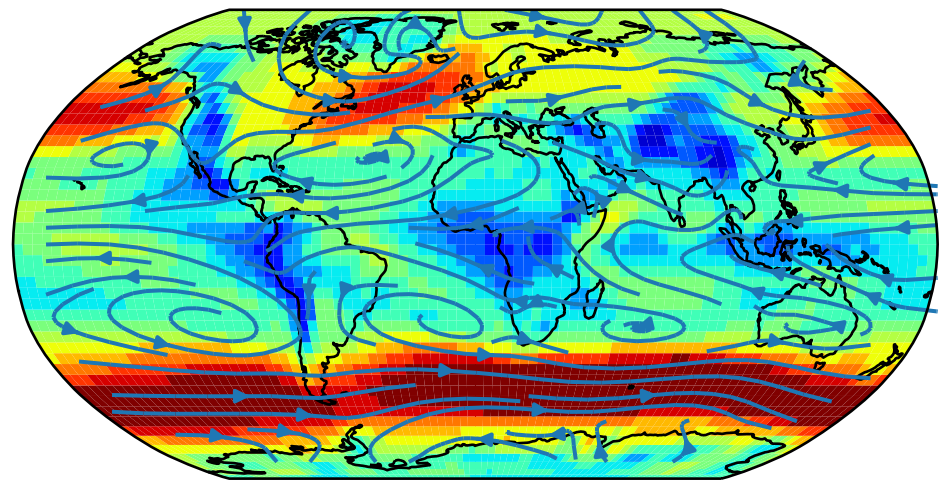
(c) ERA-Interim surface humidity



0.0 0.4 0.8 1.2 1.6 2.0

kg kg^{-1} 1e−2

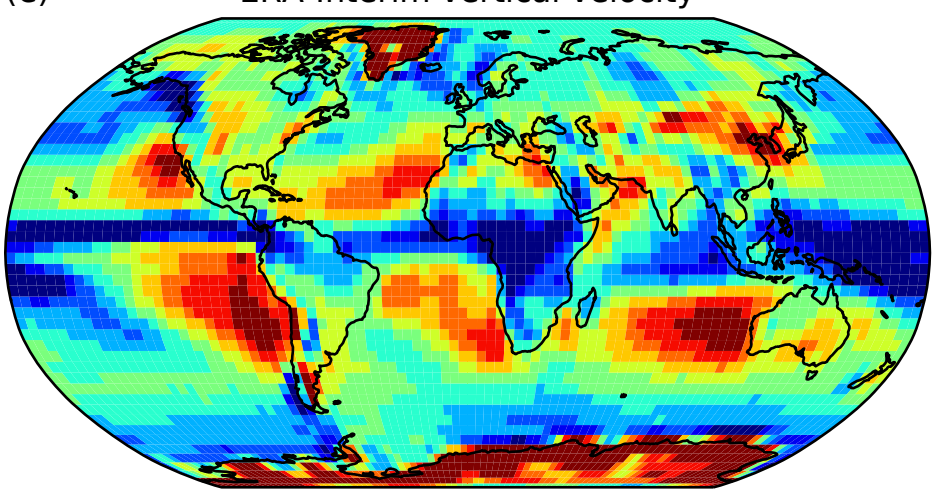
(d) ERA-Interim 850 hPa winds



0 2 4 6 8 10 12 14

m s^{-1}

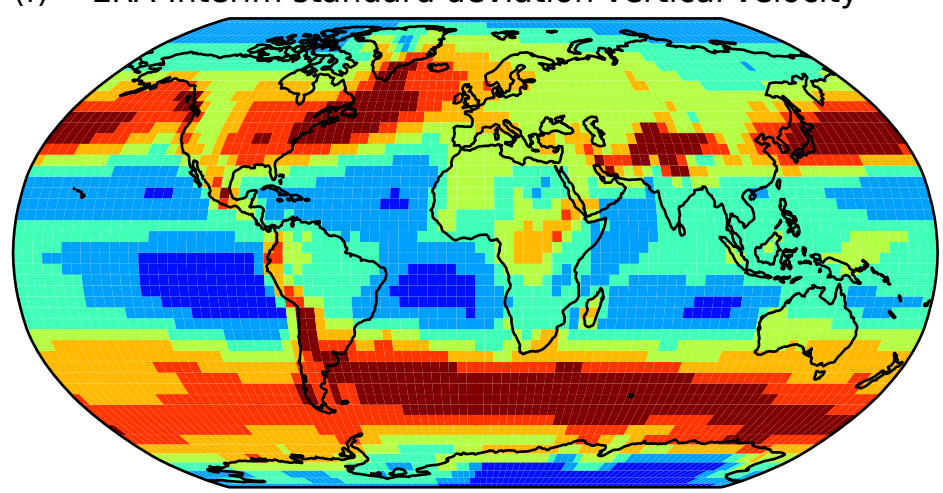
(e) ERA-Interim vertical velocity



−0.02 −0.01 0.00 0.01 0.02 0.03

Pa s^{-1}

(f) ERA-Interim standard deviation vertical velocity



0 0.01 0.02 0.03 0.04

Pa s^{-1}