

Studiamo l'Ambiente per
Comprendere Passato, Presente e
Future

**OPEN
DAY**

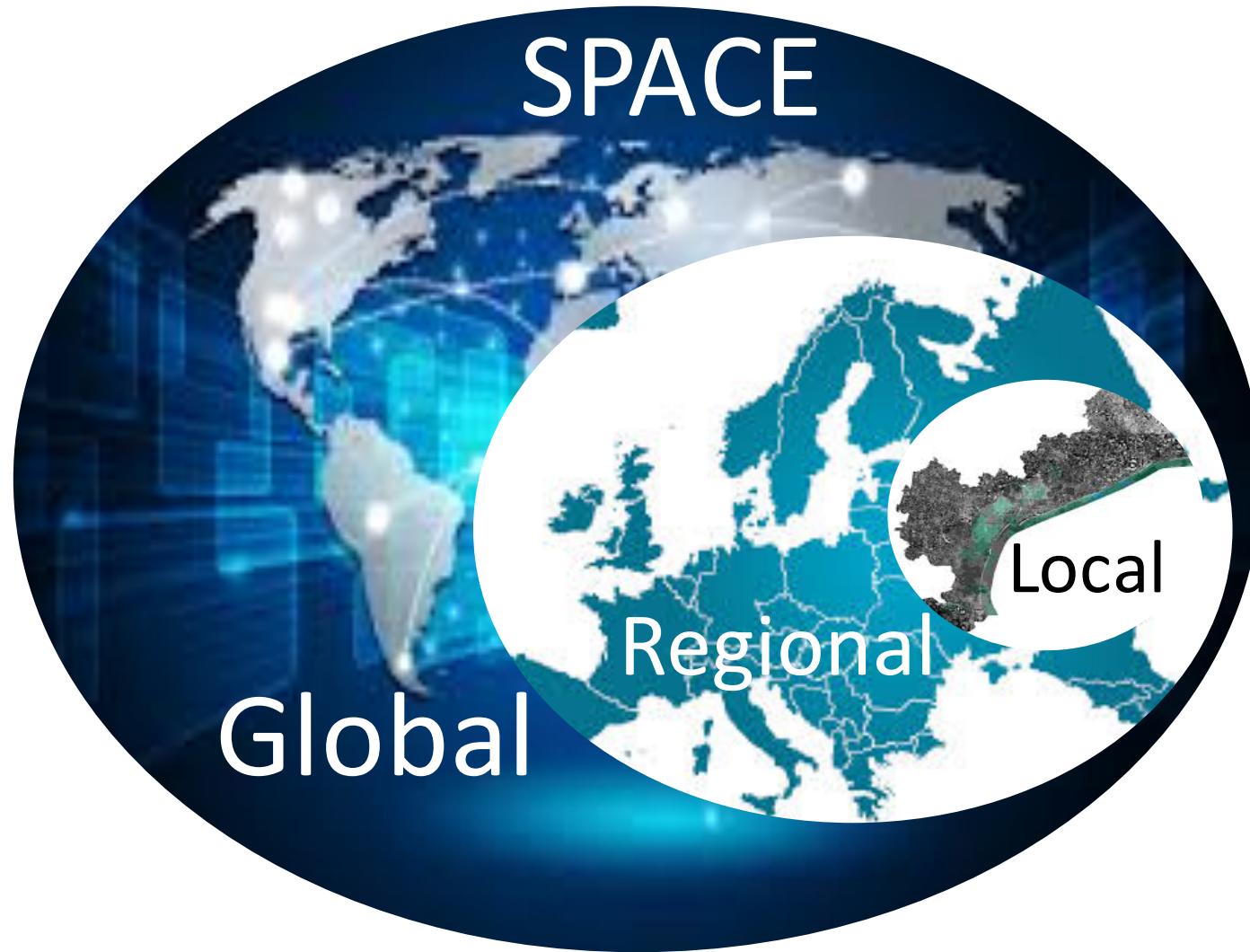


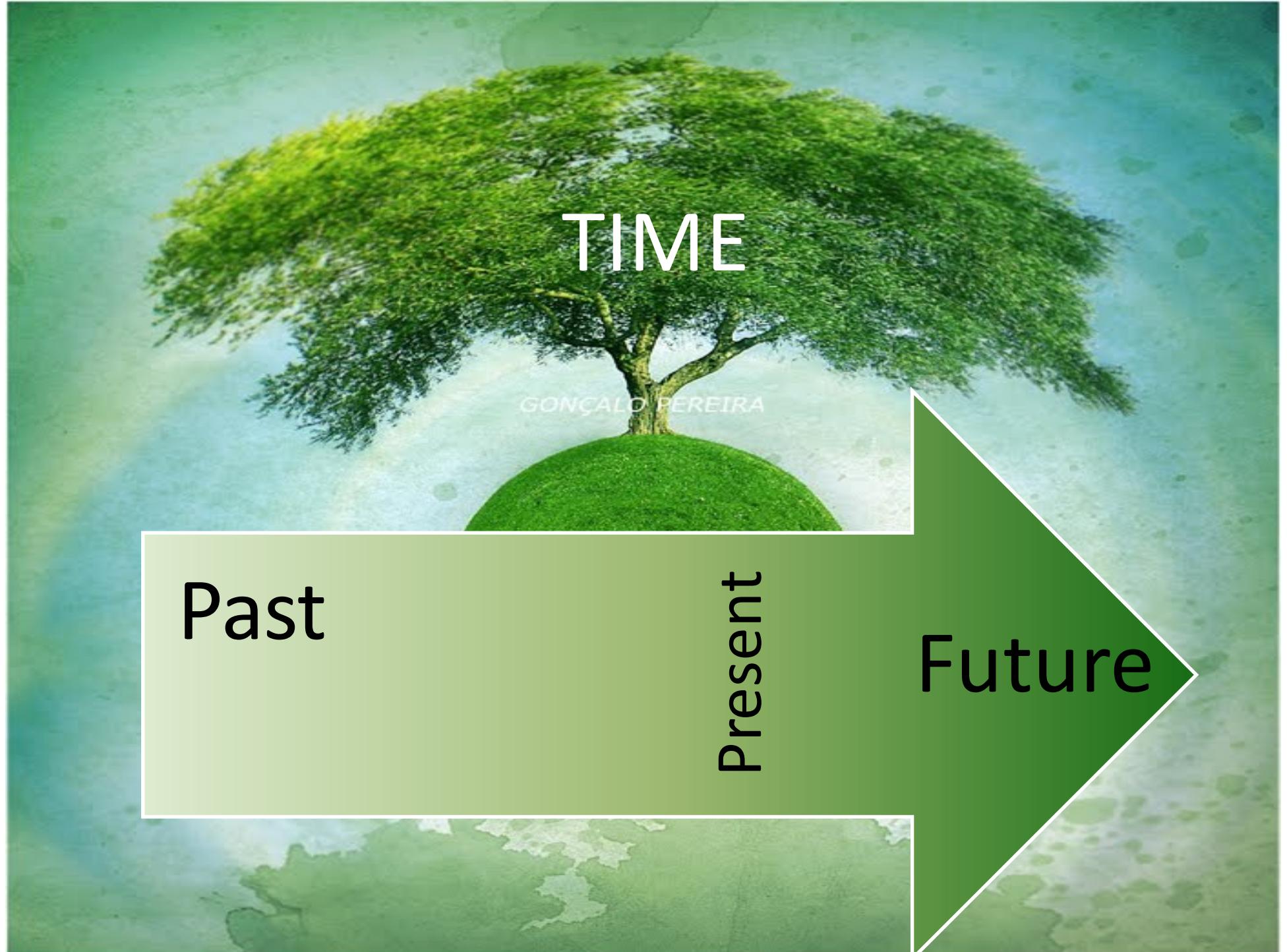
Dario Battistel

7-8 Aprile 2017

AMBIENTE E CLIMA





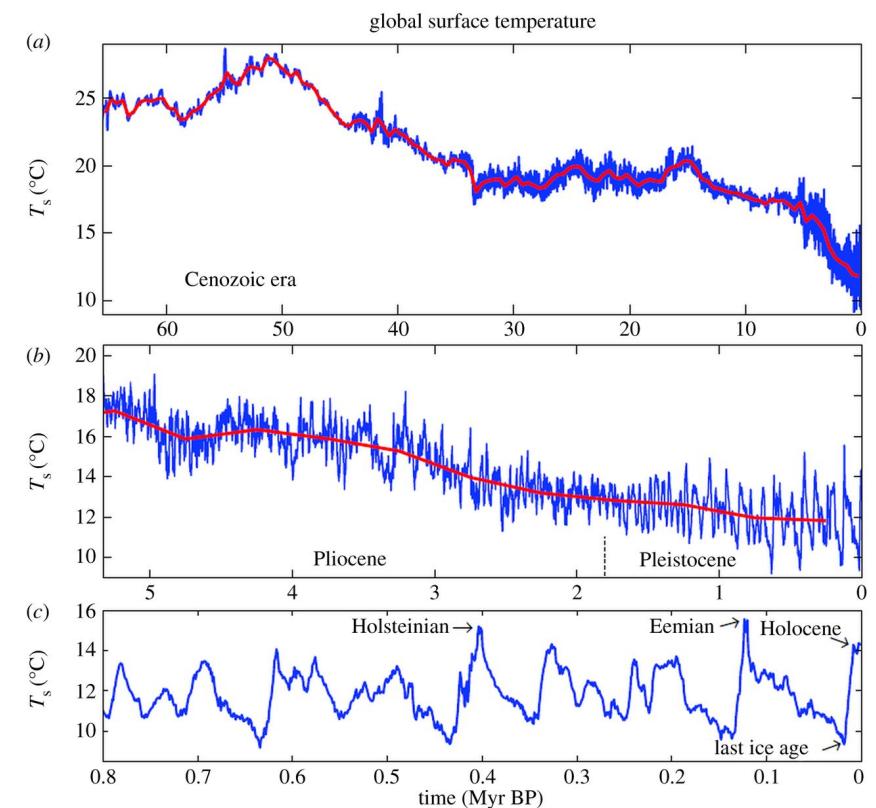
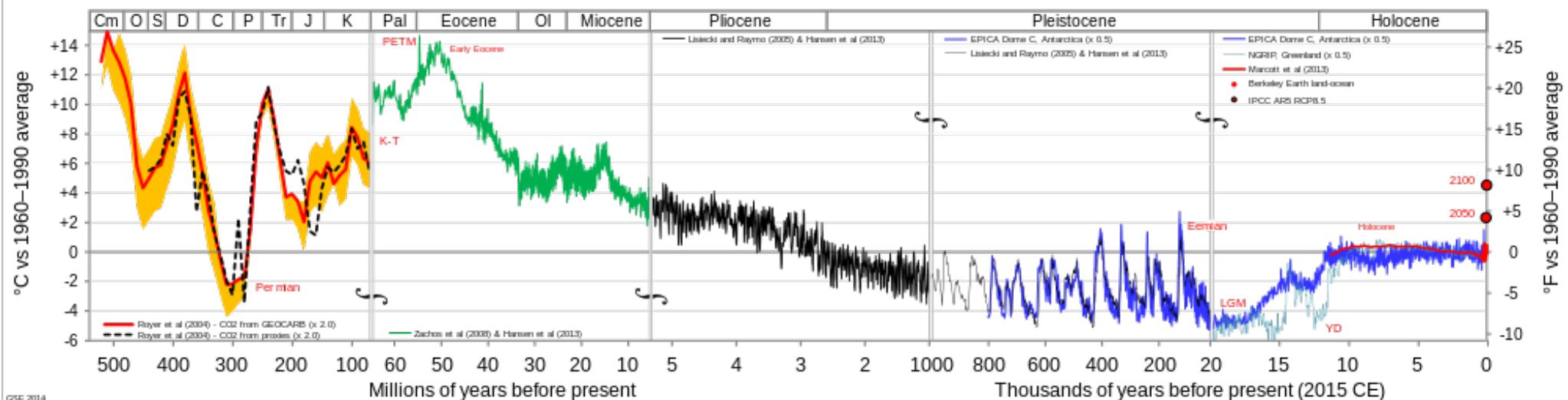


Past

Present

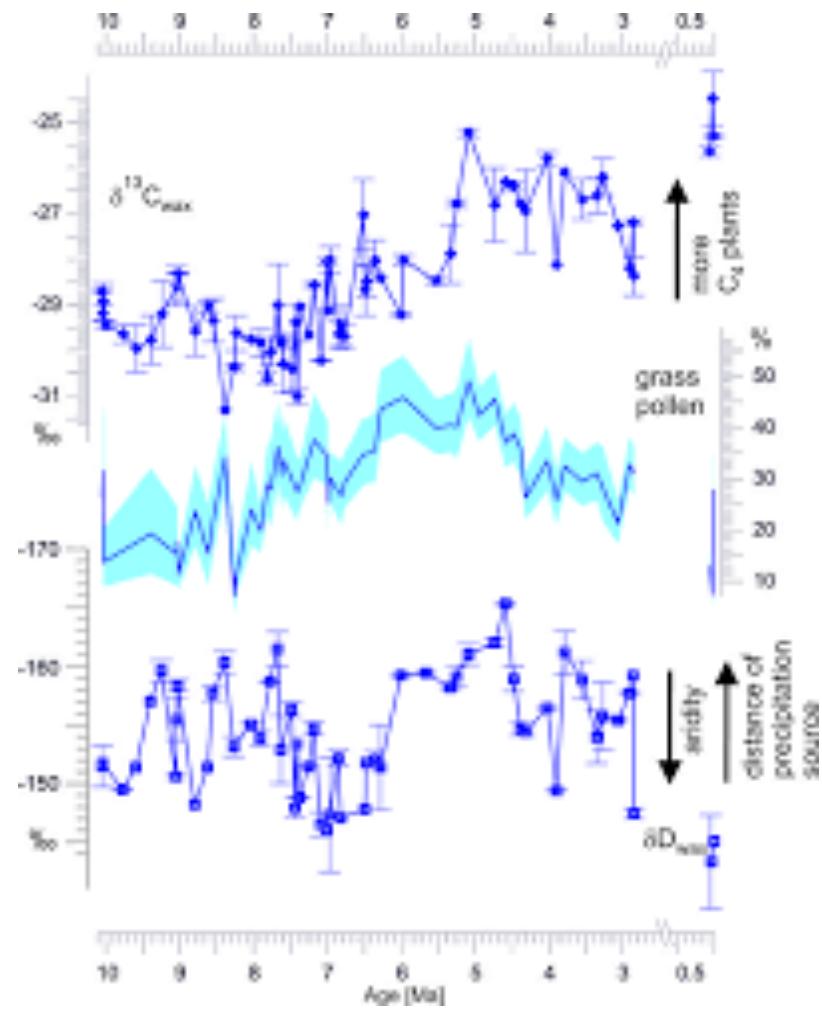
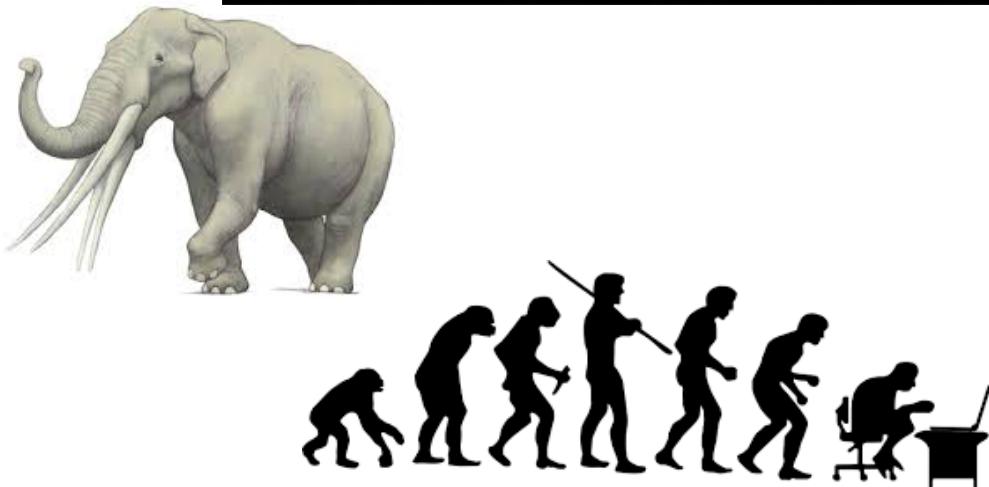
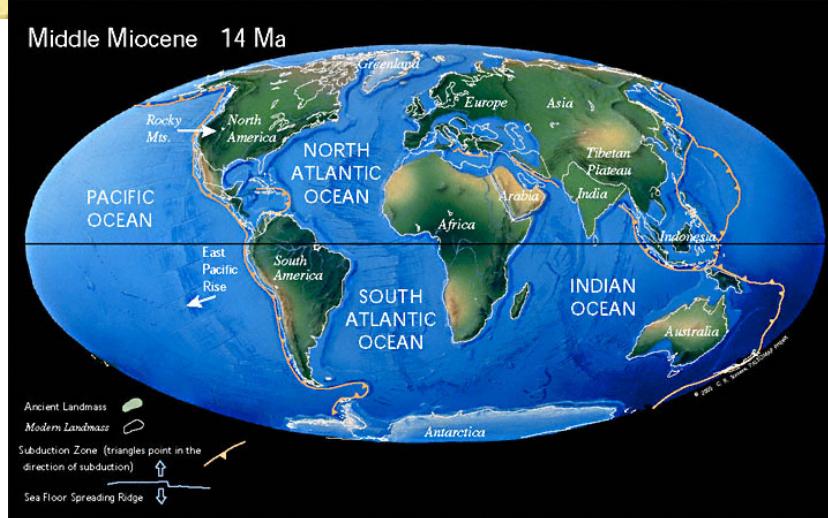
Future

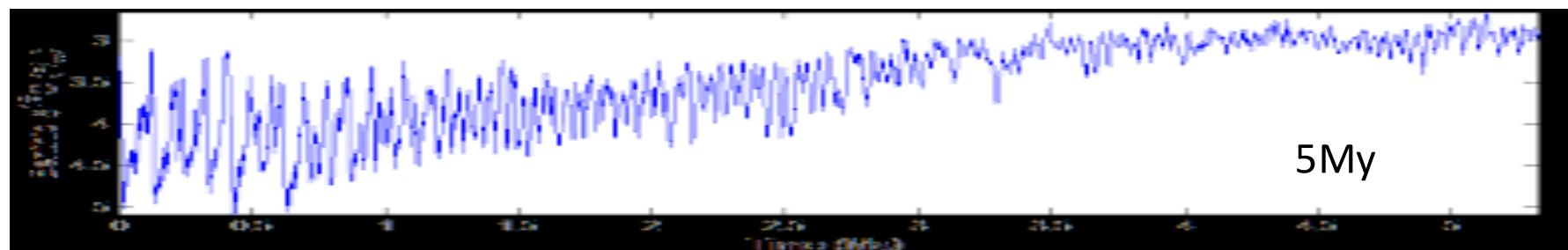
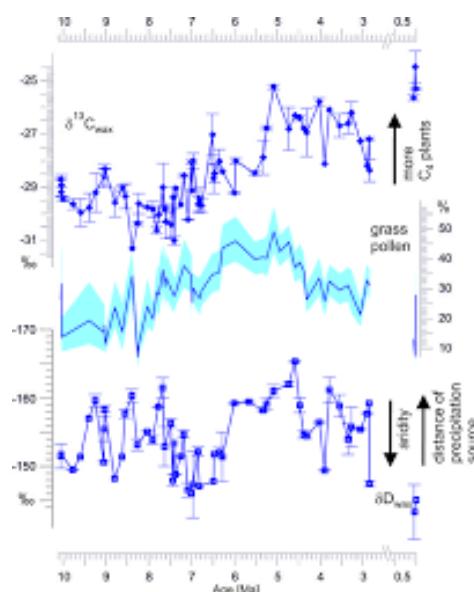
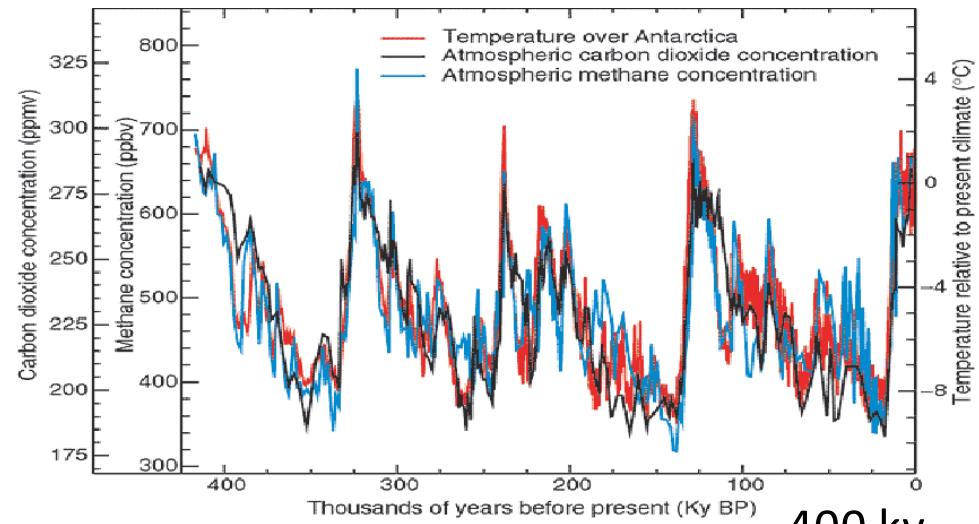
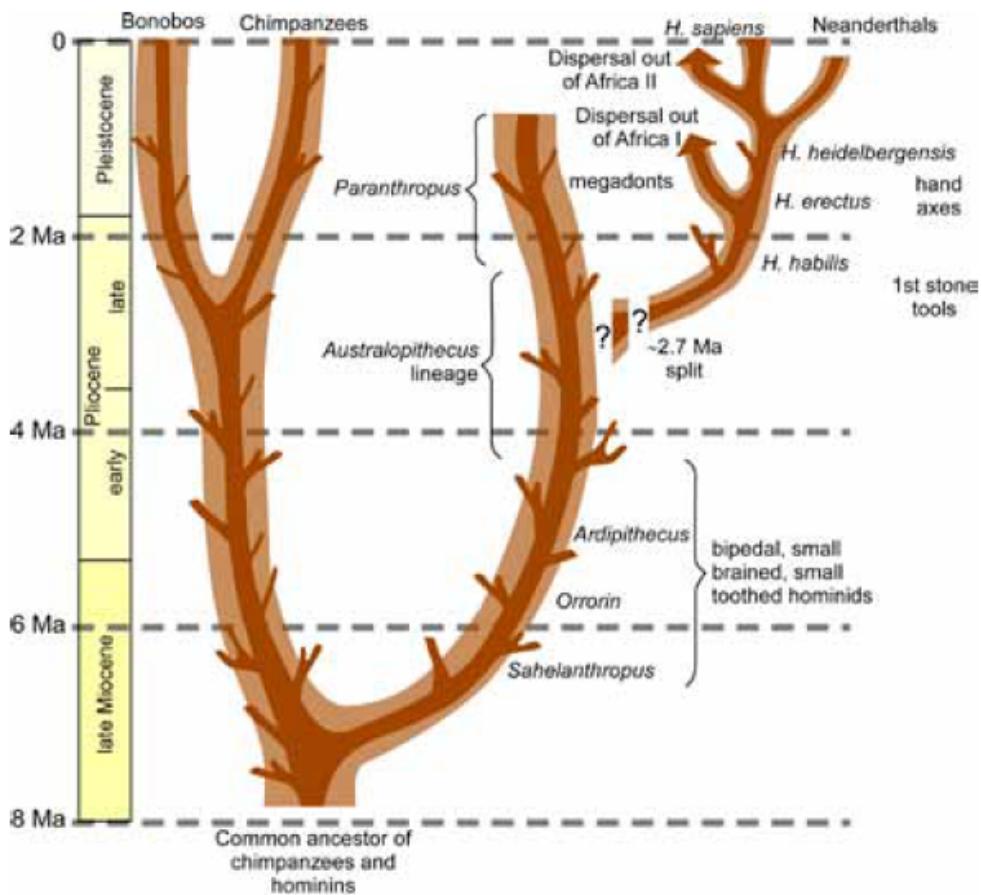
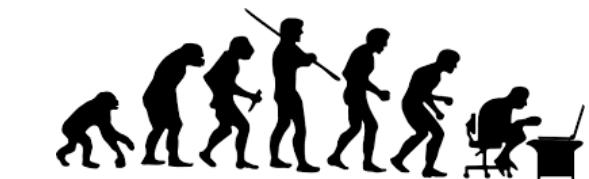
Temperature of Planet Earth

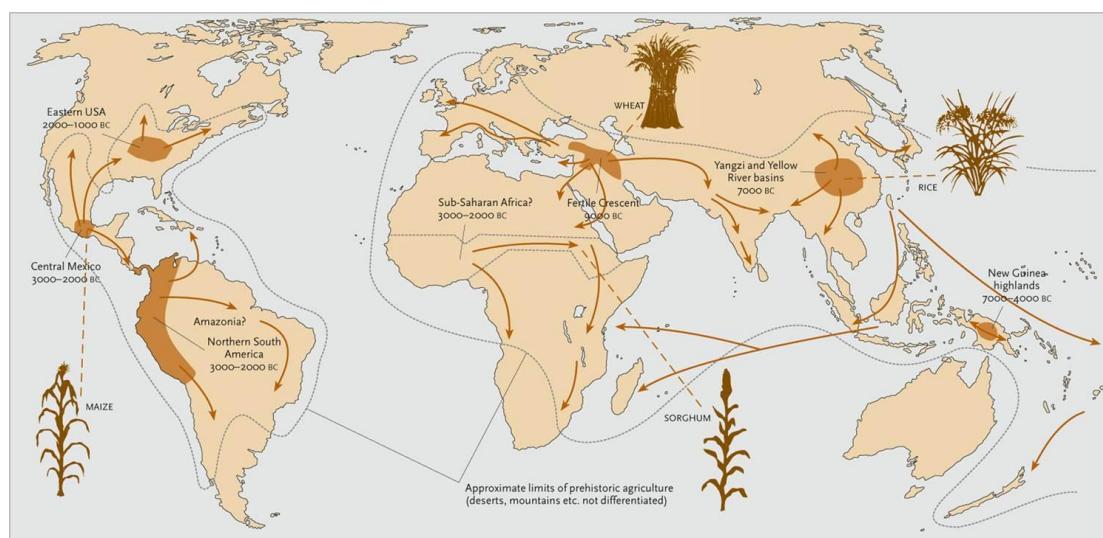
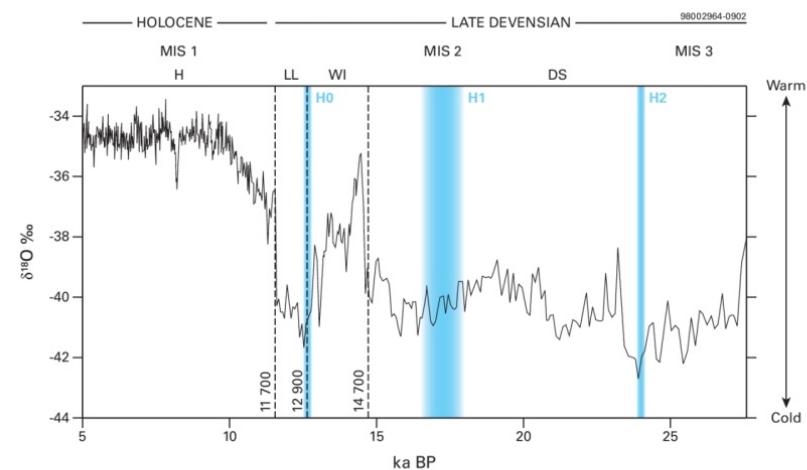
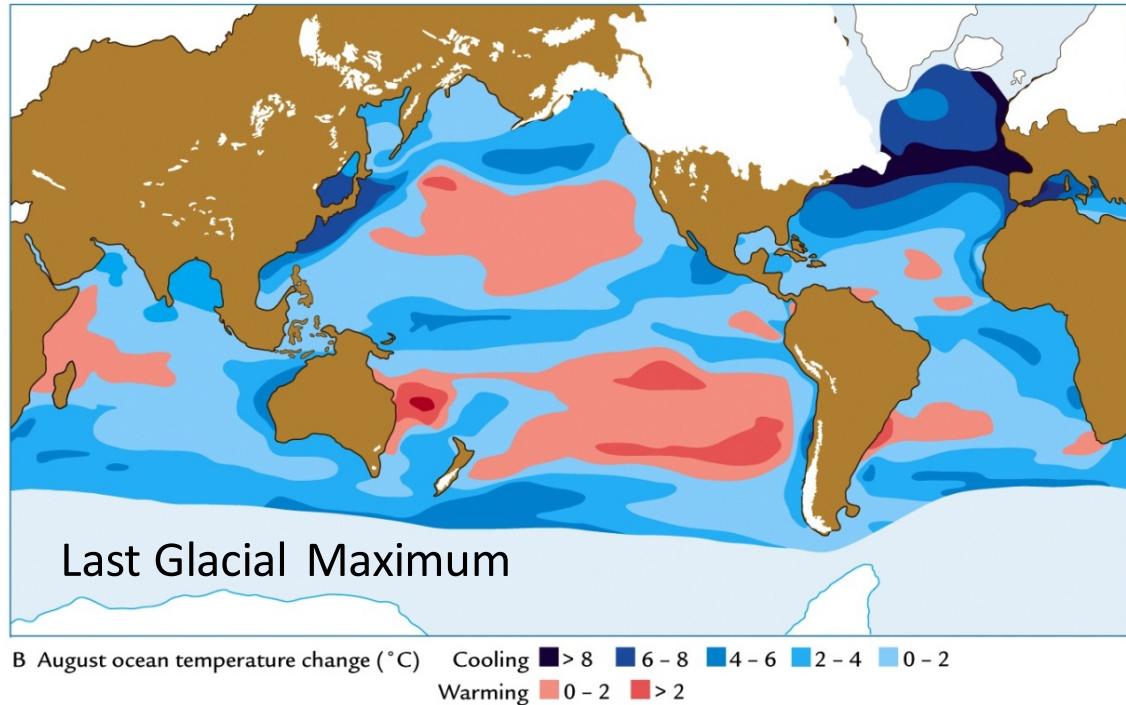


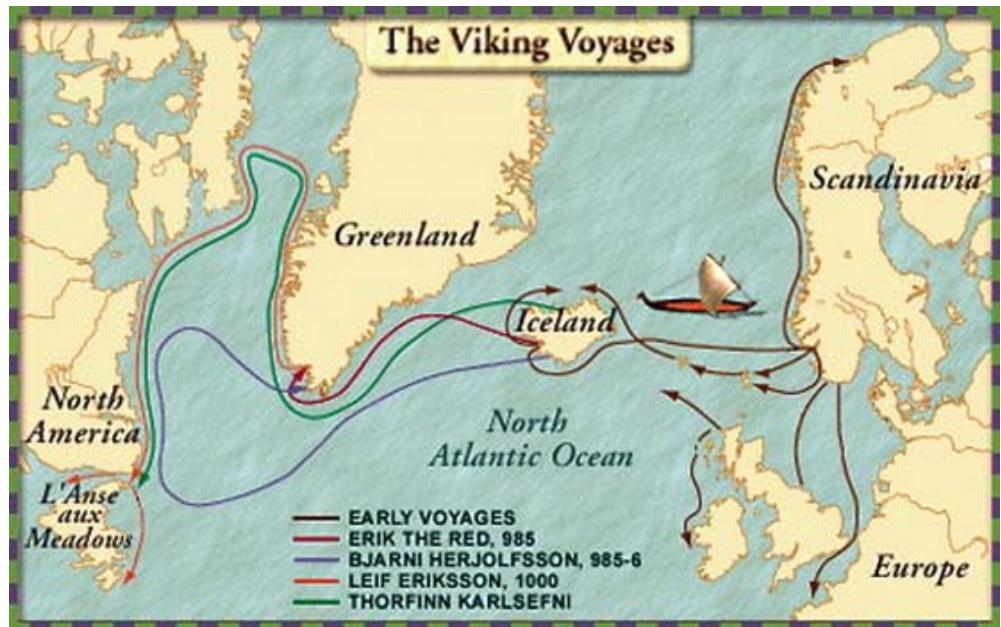


Cambiamento Climatico ⇒ Cambiamento Ambientale

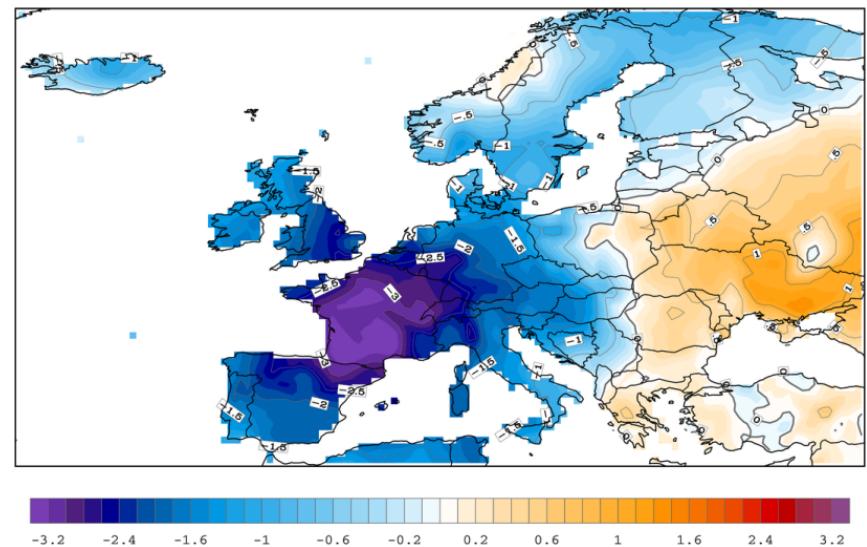




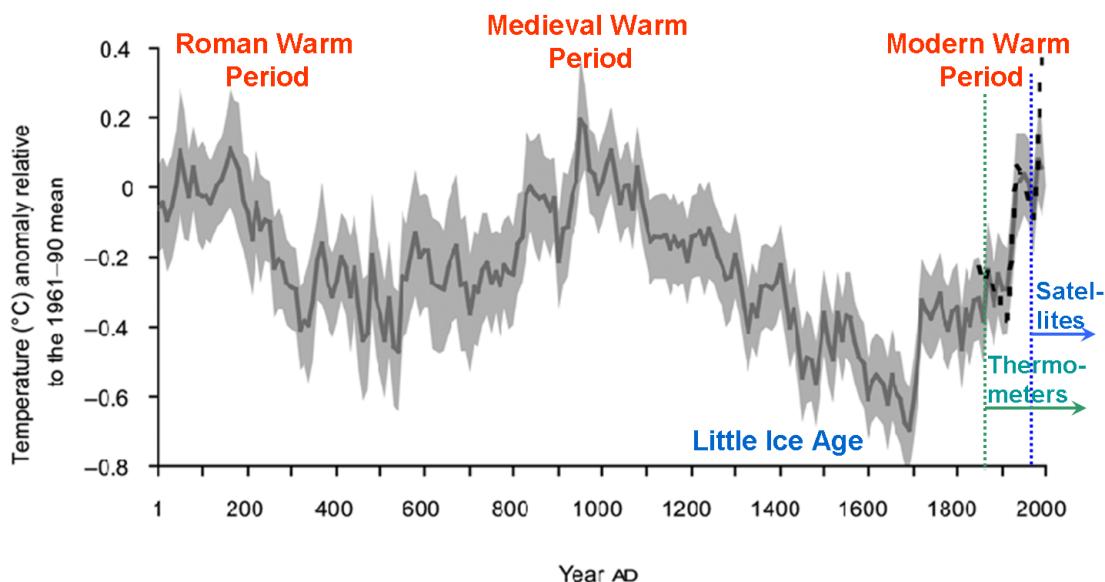




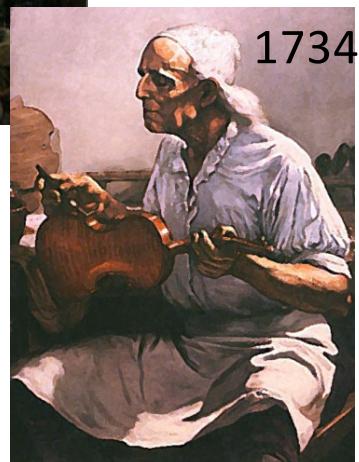
1816 Summer temperature anomaly

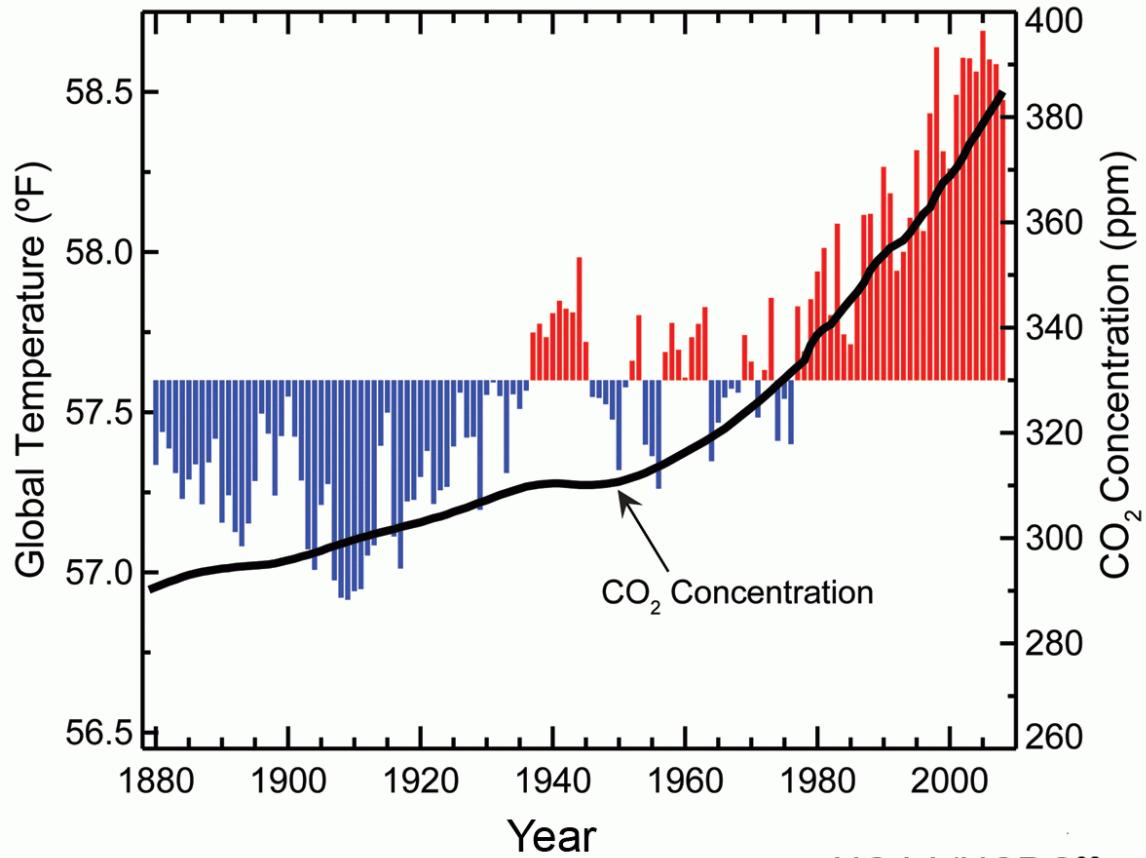


Temperature Reconstruction* for N. Hemisphere, 1 - 2000 AD Shows Modern Warm Period Not Exceptional

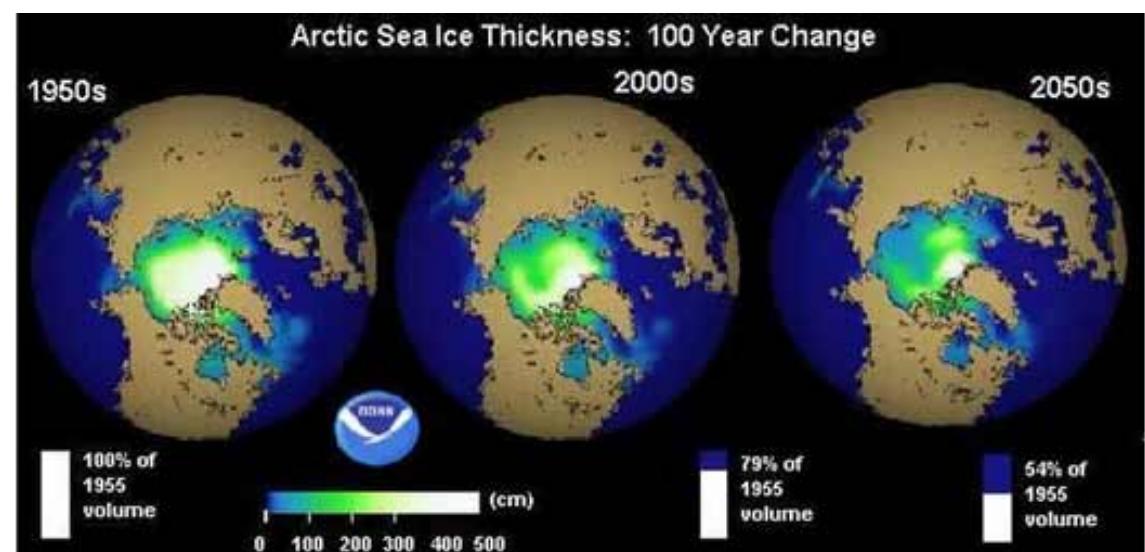
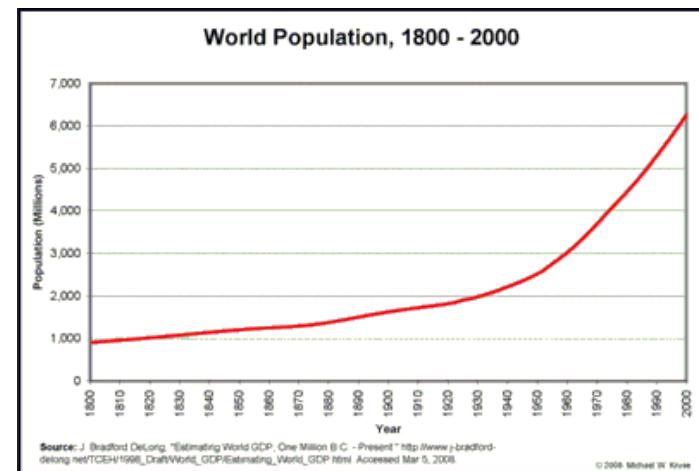


*Ljungqvist, F.C. 2010. A new reconstruction of temperature variability in the extra-tropical Northern Hemisphere during the last two millennia. *Geografiska Annaler: Physical Geography*, Vol. 92 A(3), pp. 339-351, September 2010. DOI: 10.1111/j.1468-0459.2010.00399.x





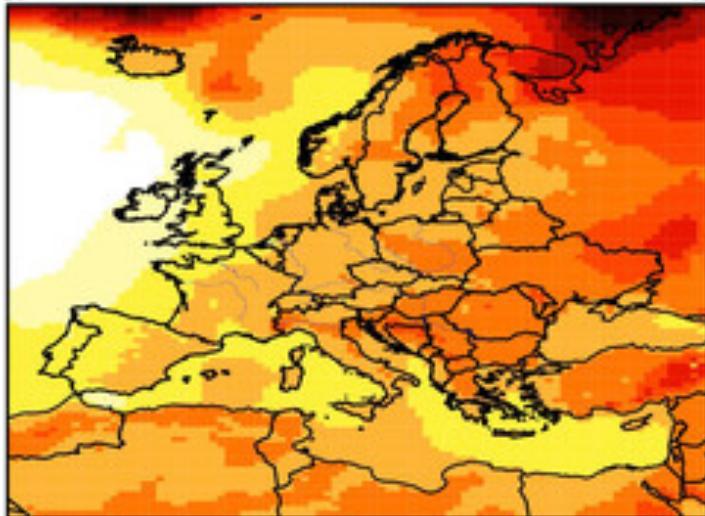
NOAA/NCDC³²



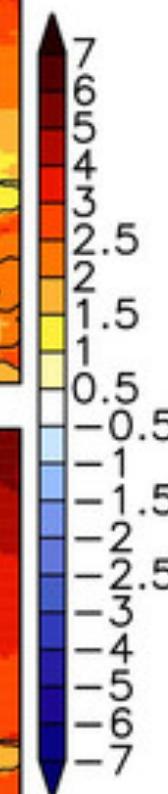
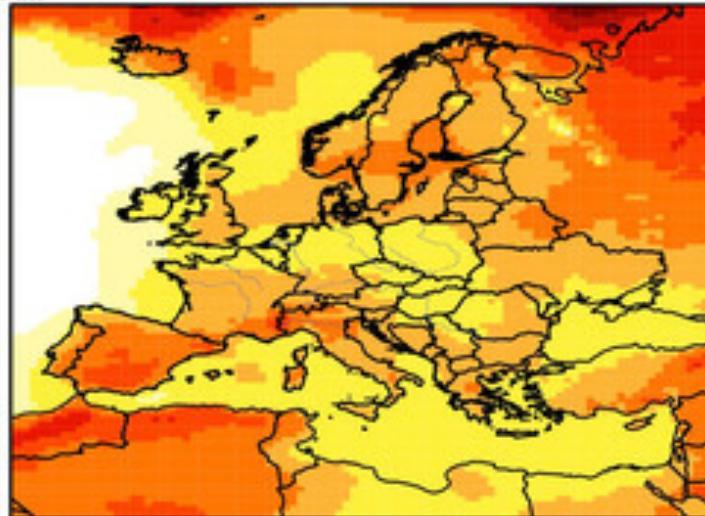
Run Experiment_IPCC_A1B: 2m Air-Temperature [°C]
climate seasonal mean 2041–2050

2041-2050

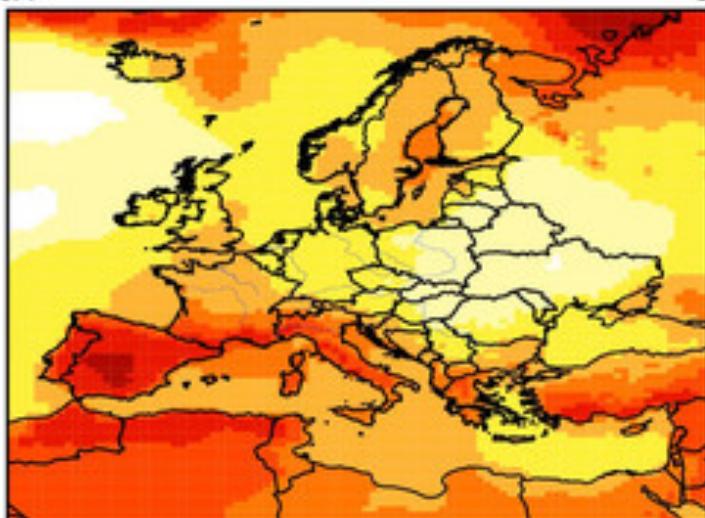
DJF



MAM



JJA



SON

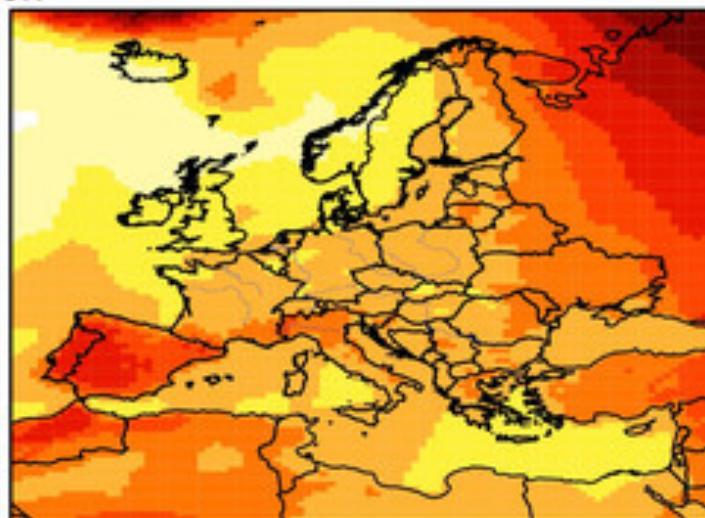


Fig. 1: Surface air temperature changes (C°) in the decade 2041-2050 compared to the reference period 1961-1990 for winter (DJF), spring (MAM), summer (JJA) and autumn (SON)

Run Experiment_IPCC_A1B: Precipitation [%]
climate seasonal mean 2041–2050

2041-2050

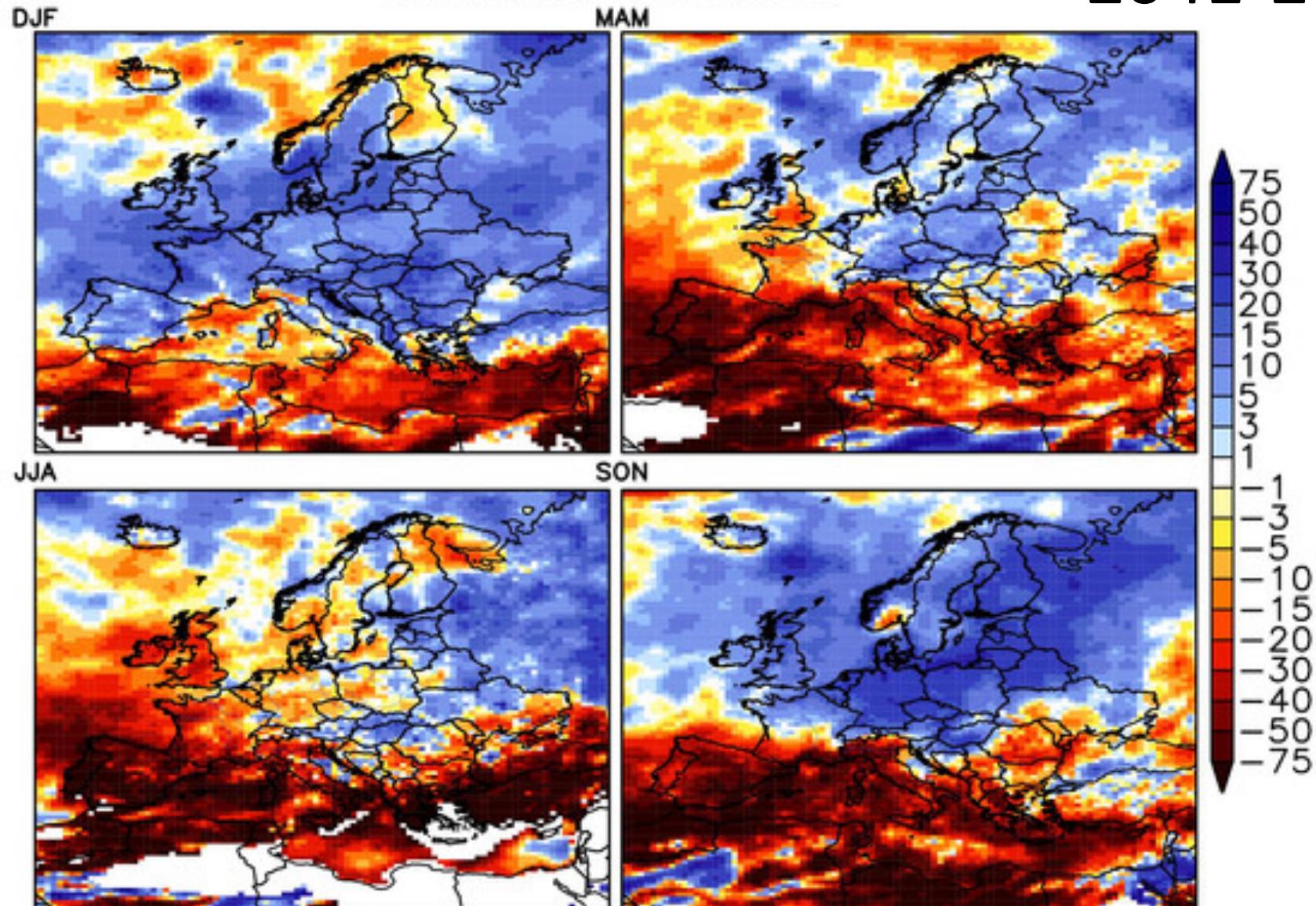


Fig. 2: Precipitation changes (%) in the decade 2041-2050 compared to the reference period 1961-1990 for winter (DJF), spring (MAM), summer (JJA) and autumn (SON)

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Domande

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