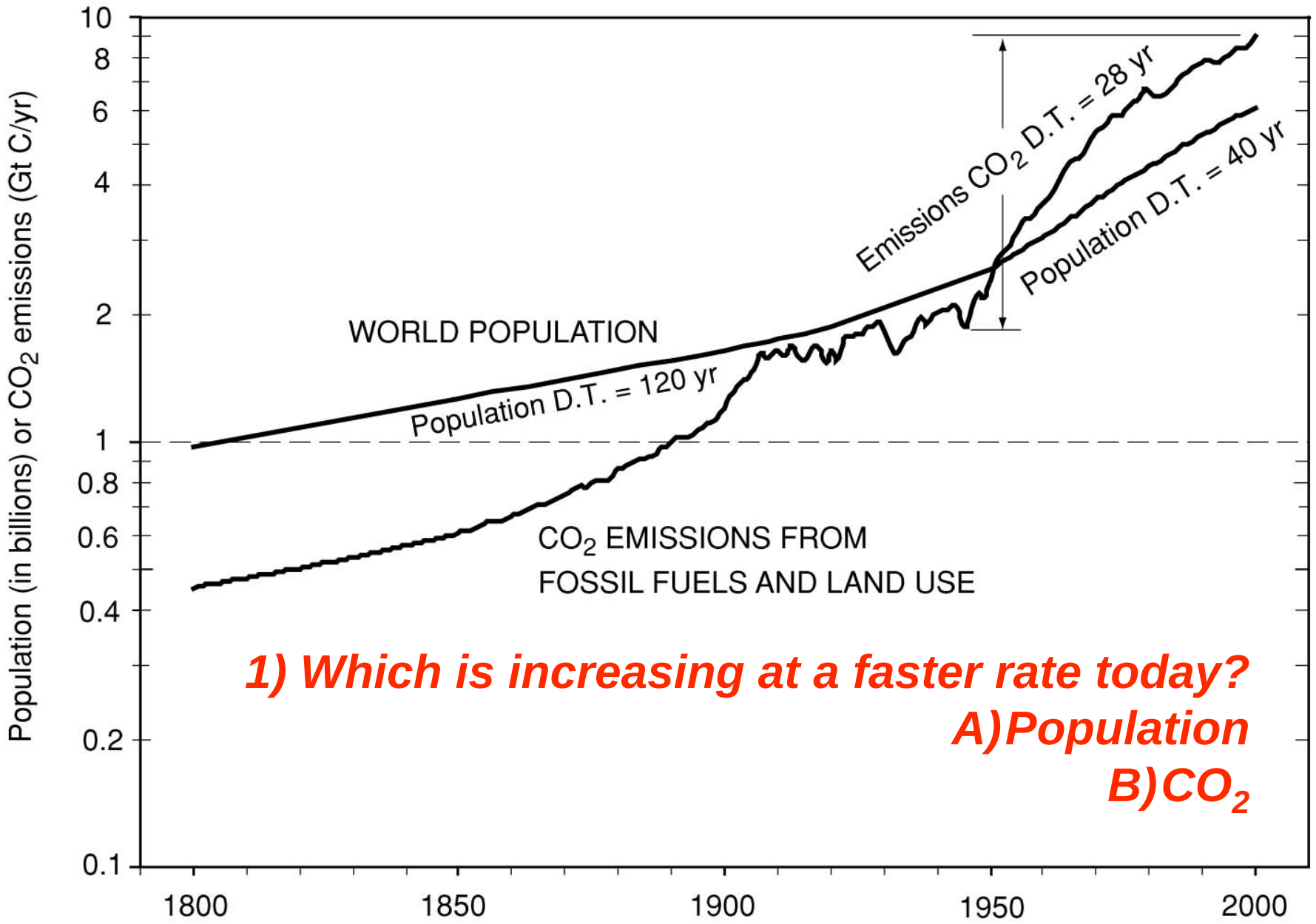
# Historic world population and $CO_2$ emissions




***1) Which is increasing at a faster rate today?***

***A)Population***

***B)$CO_2$***



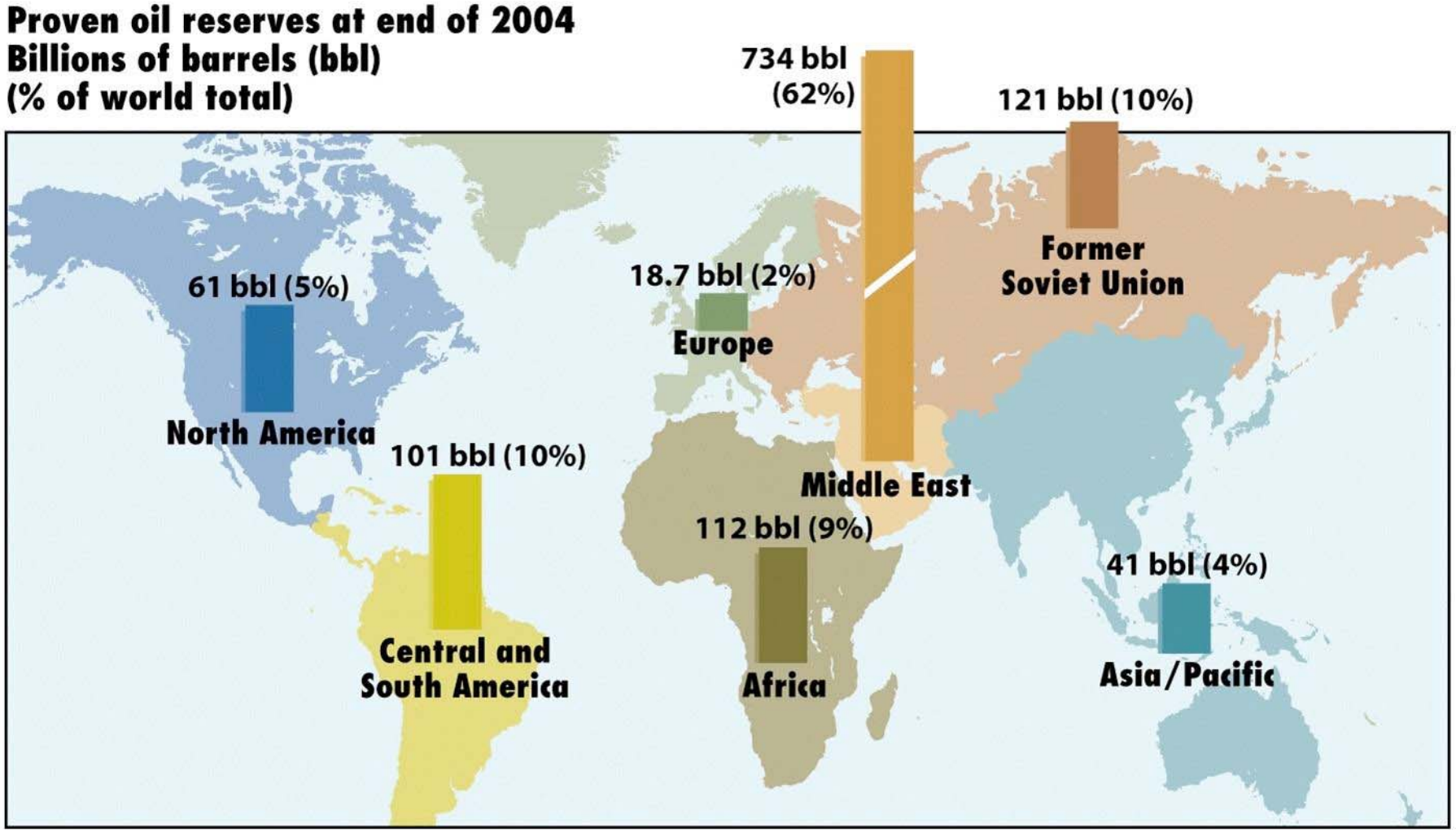


**2) What is the primary source of $CO_2$ today?**
**A) Land clearance**
**B) Fossil fuels**

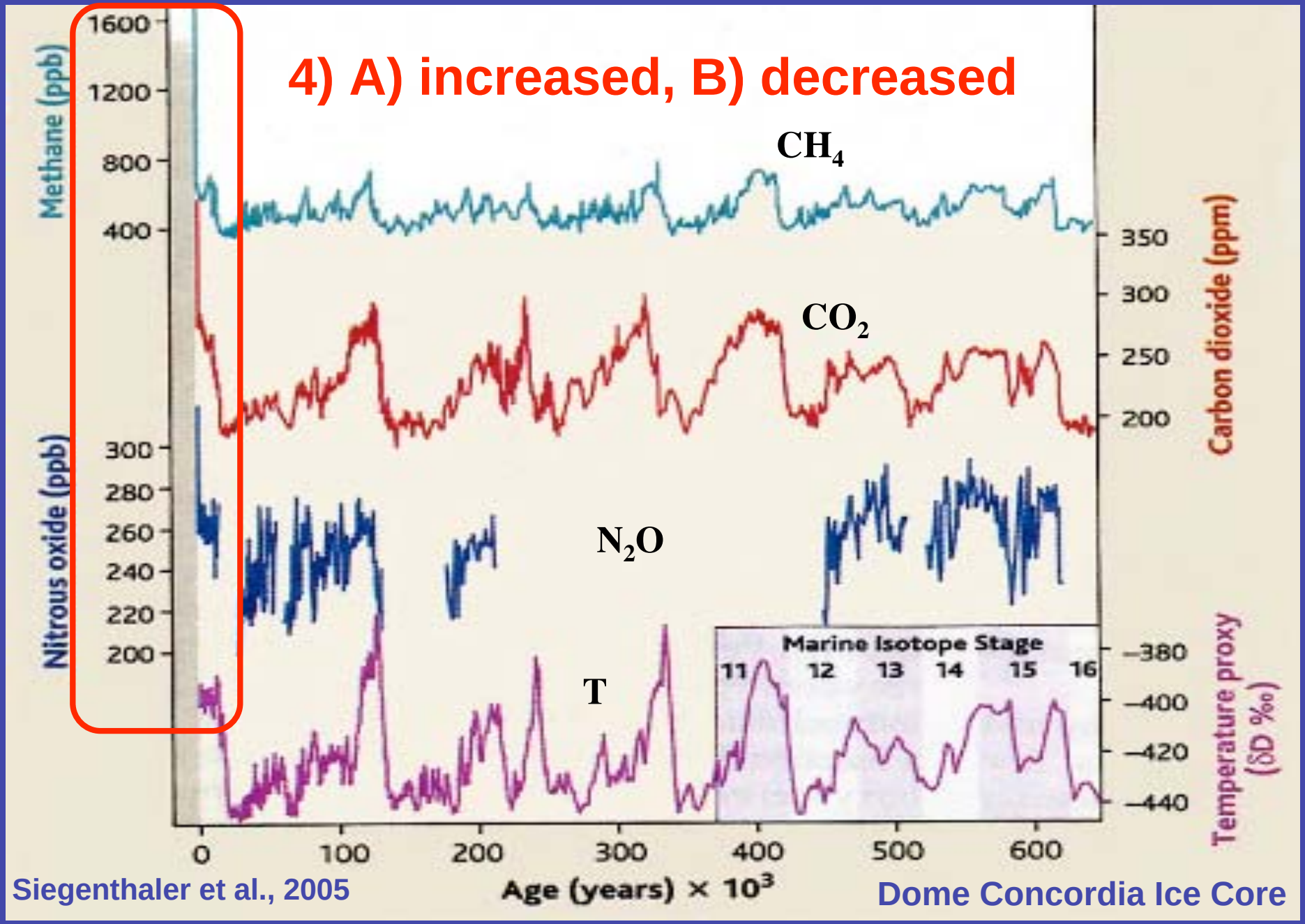
**Is this going to change?**

# 3) Who controls the world's oil?

## A) N. America, B) C.&S. America, C) Africa, D) Middle East, E) Fmr USSR



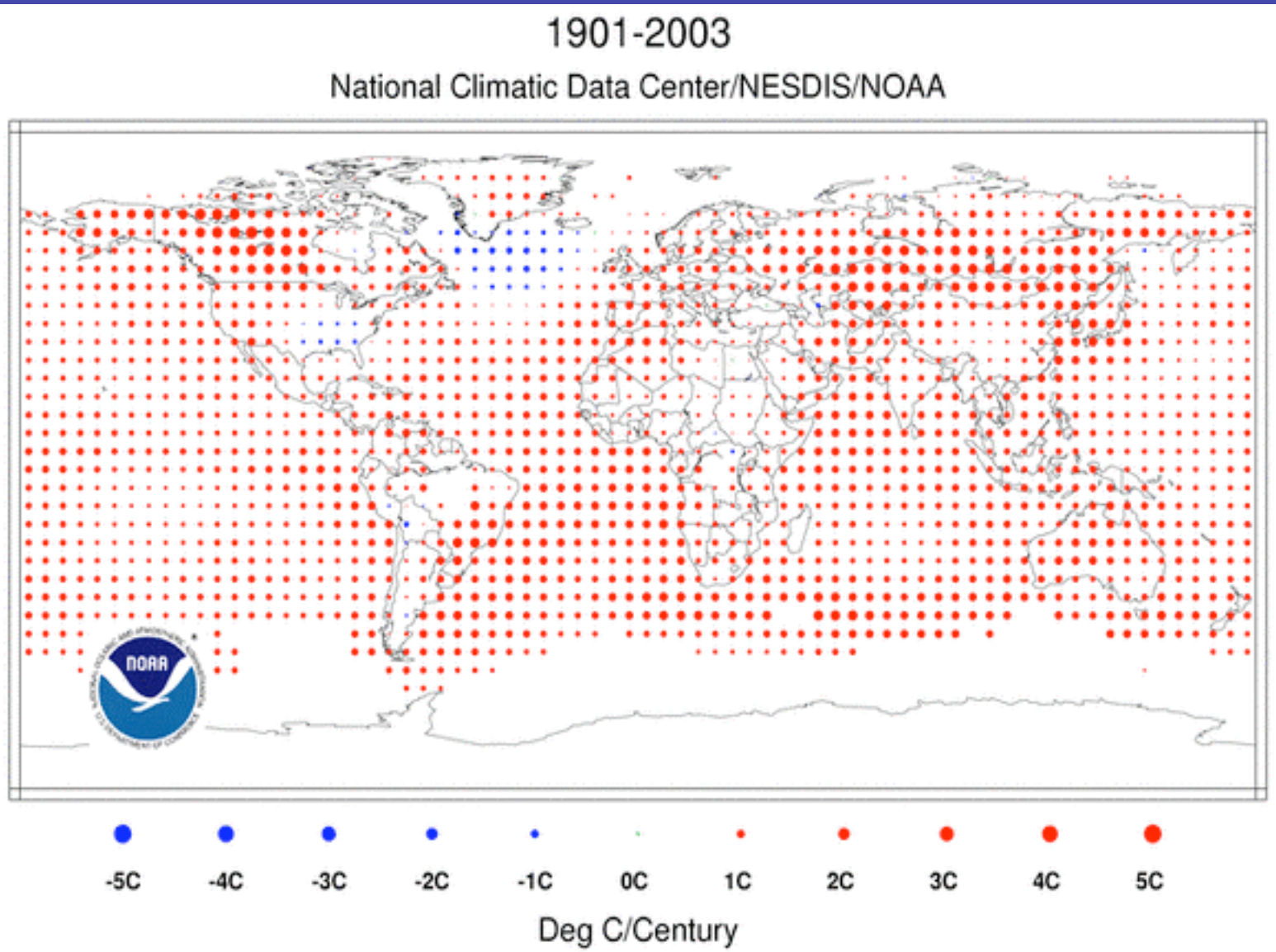
# Greenhouse gas concentrations in atmosphere have recently:



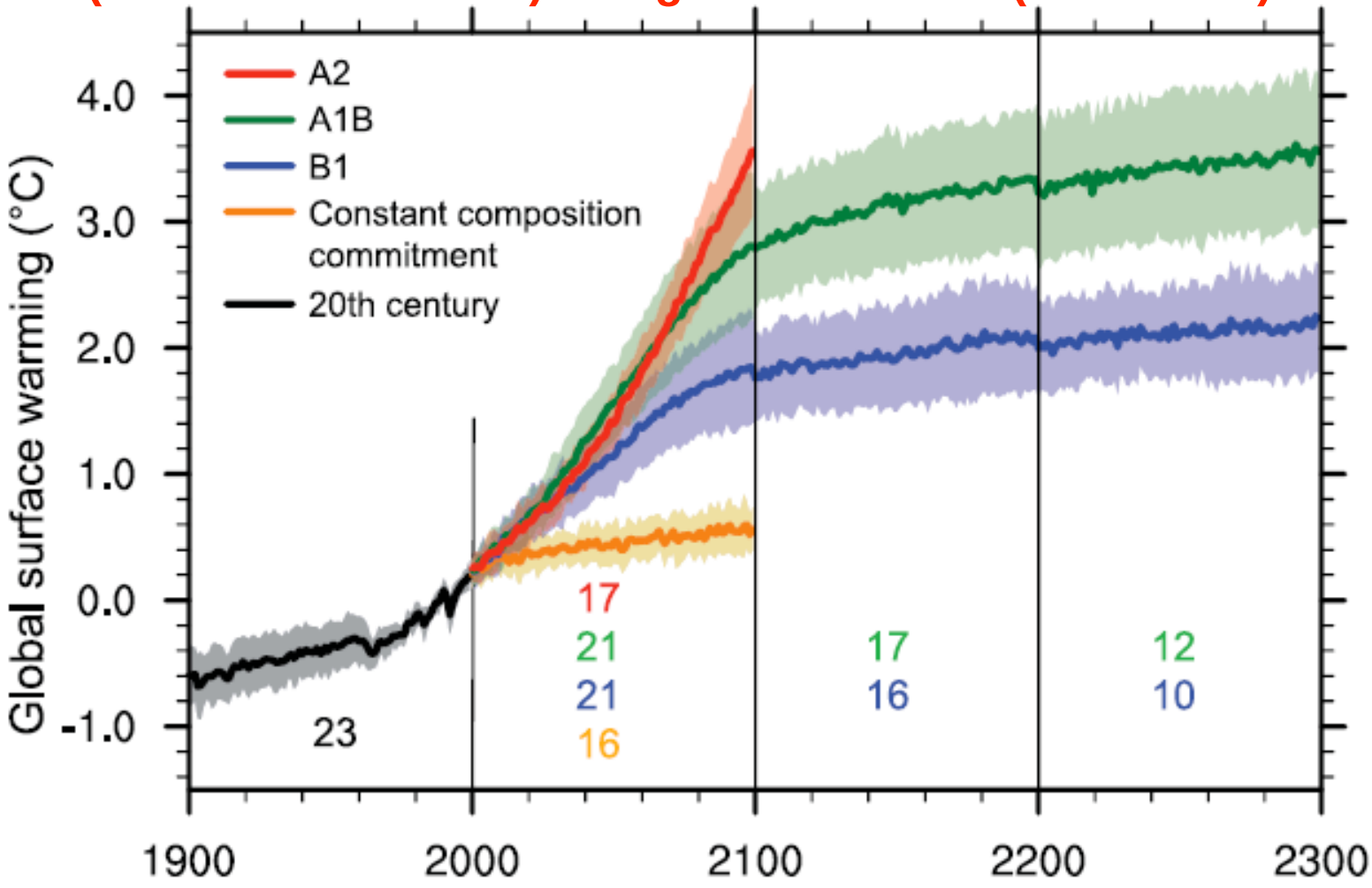

Siegenthaler et al., 2005

Dome Concordia Ice Core

# 5) What is 100-year trend in annual temperature?
# A) increase, B) decrease



**6) How much is temperature projected to change in our lifetimes (between 2000-2060) using A1B scenario (IPCC 2007)?**




**A) 0.0°C, B) 0.5°C, C) 1.5°C, D) 2.0°C, E) 3.0°C**

**7) What is the hottest year on record since 1890?**

**A) 2005**
**B) 2007**
**C) 1998**
**D) 2002**
**E) 2003**

