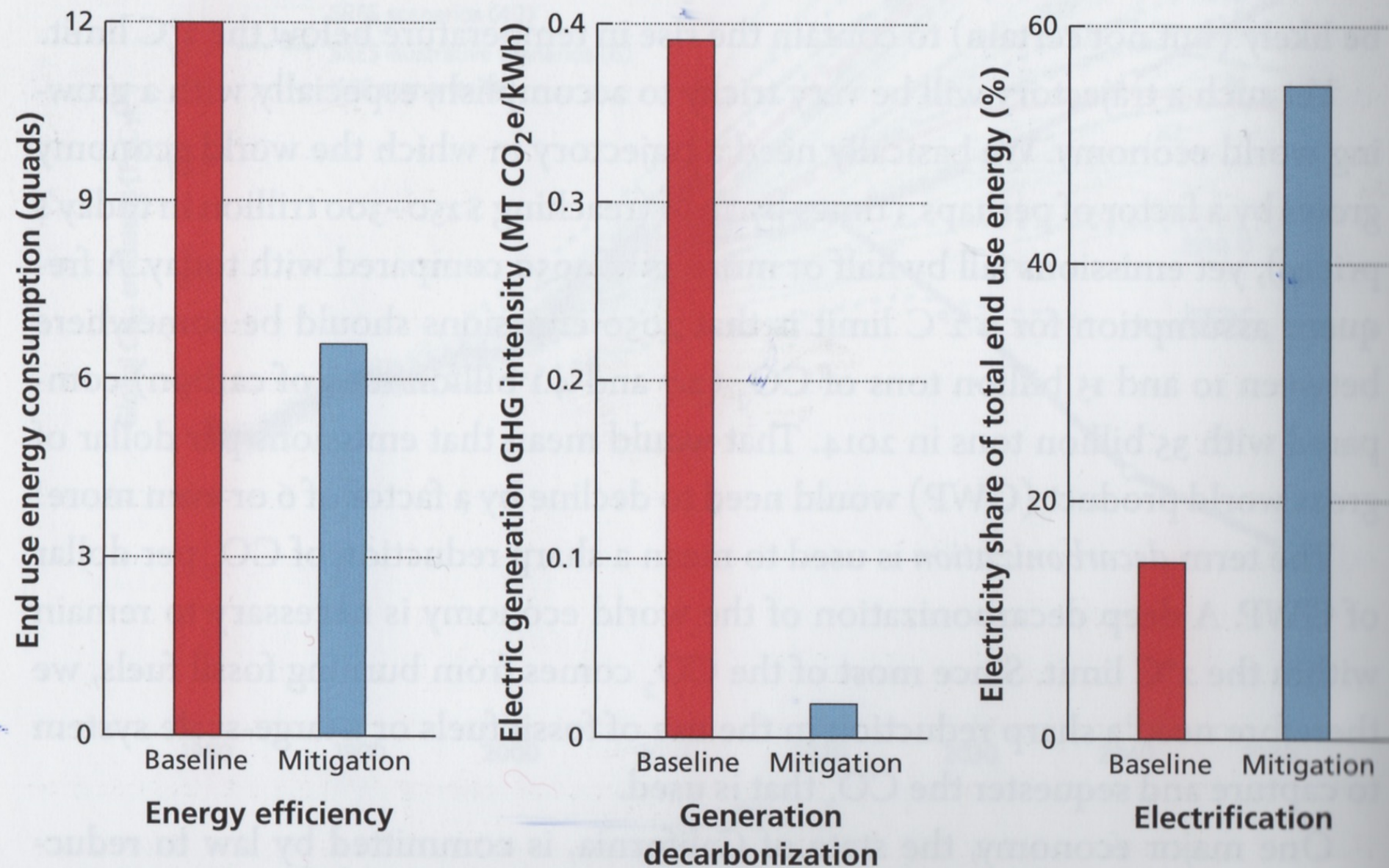




#### 12.14 Three energy transformations to reduce GHGs in California by 2050

Source: Williams, James H., Andrew DeBenedictis, Rebecca Ghanadan, Amber Mahone, Jack Moore, William R. Row III, Sneller Price et al. 2012. "The Technology Path to Deep Greenhouse Gas Emissions Cuts by 2050: Pivotal Role of Electricity." *Science* 335(6064): 53–59. Reprinted with permission from AAAS.



#### McCain-Lieberman Vote

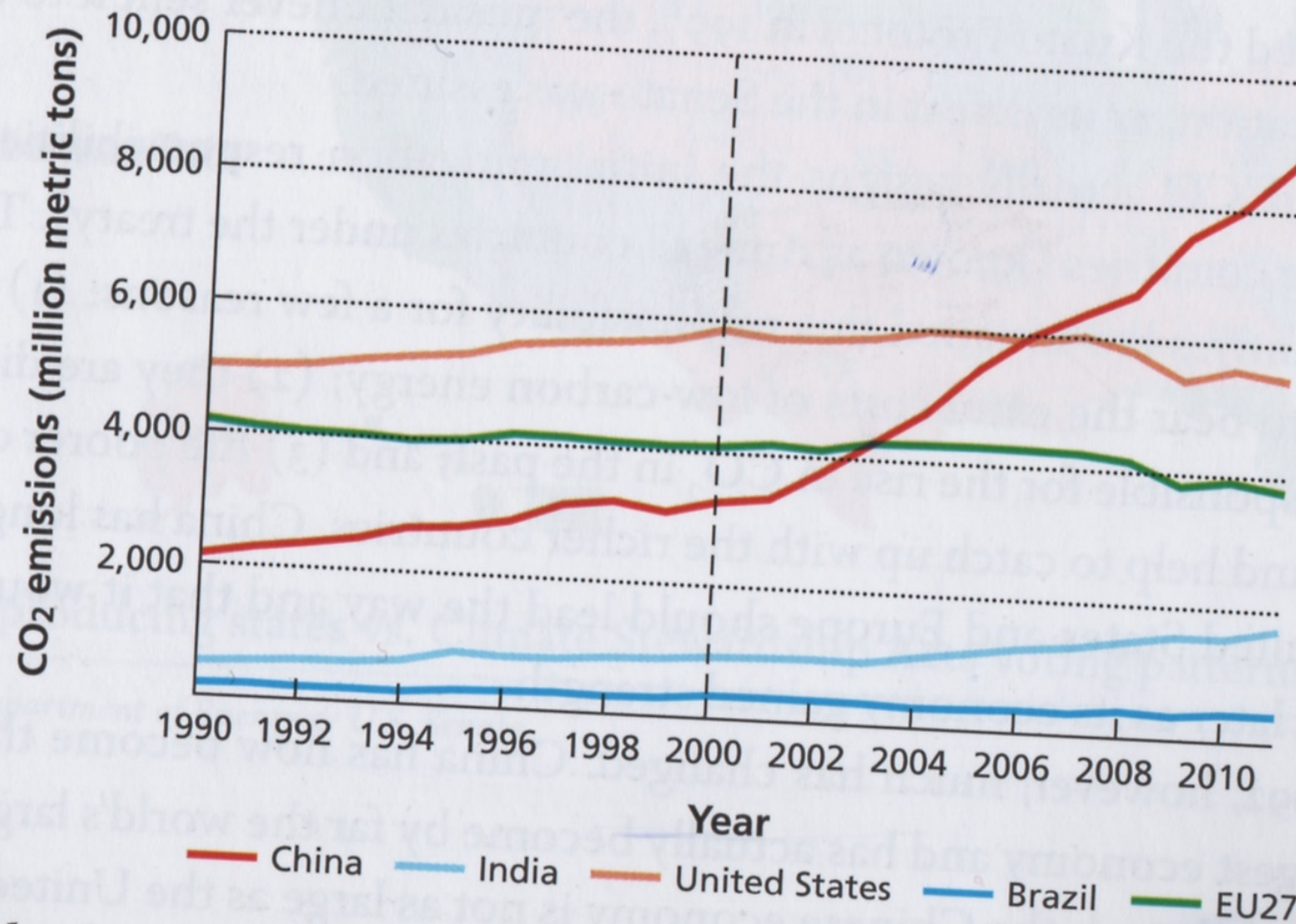
■ For  
■ Opposed  
■ Divided



12.90 Coal producing states vs. Climate Stewardship Acts voting patterns

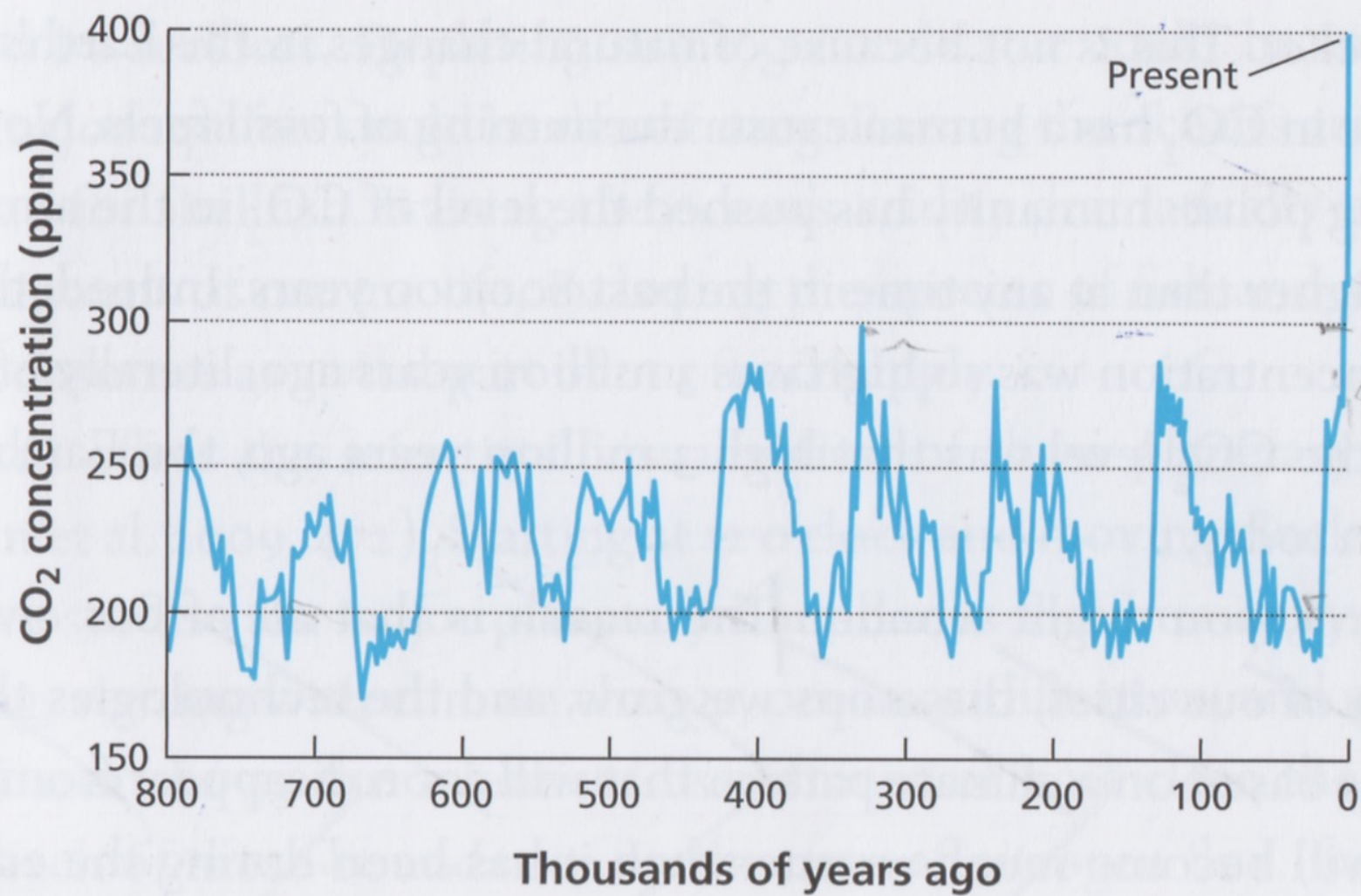
Source: U.S. Department of Energy & U.S. Senate.





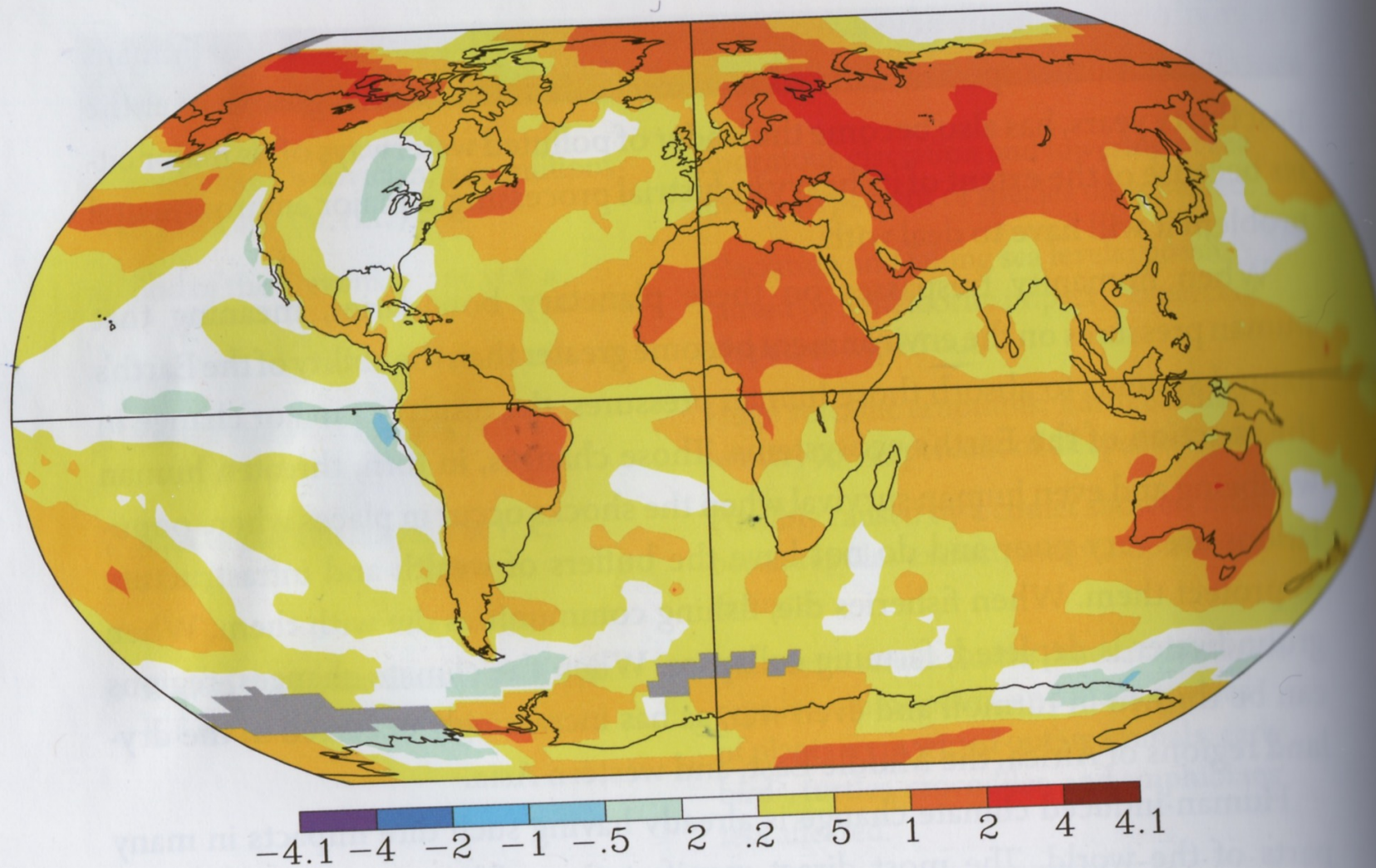
12.31 Top absolute fossil fuel emitters: China becomes world's largest emitter

Source: The Policy Climate. 2013. San Francisco: Climate Policy Initiative.



1.15 CO<sub>2</sub> in the atmosphere over the past 800,000 years



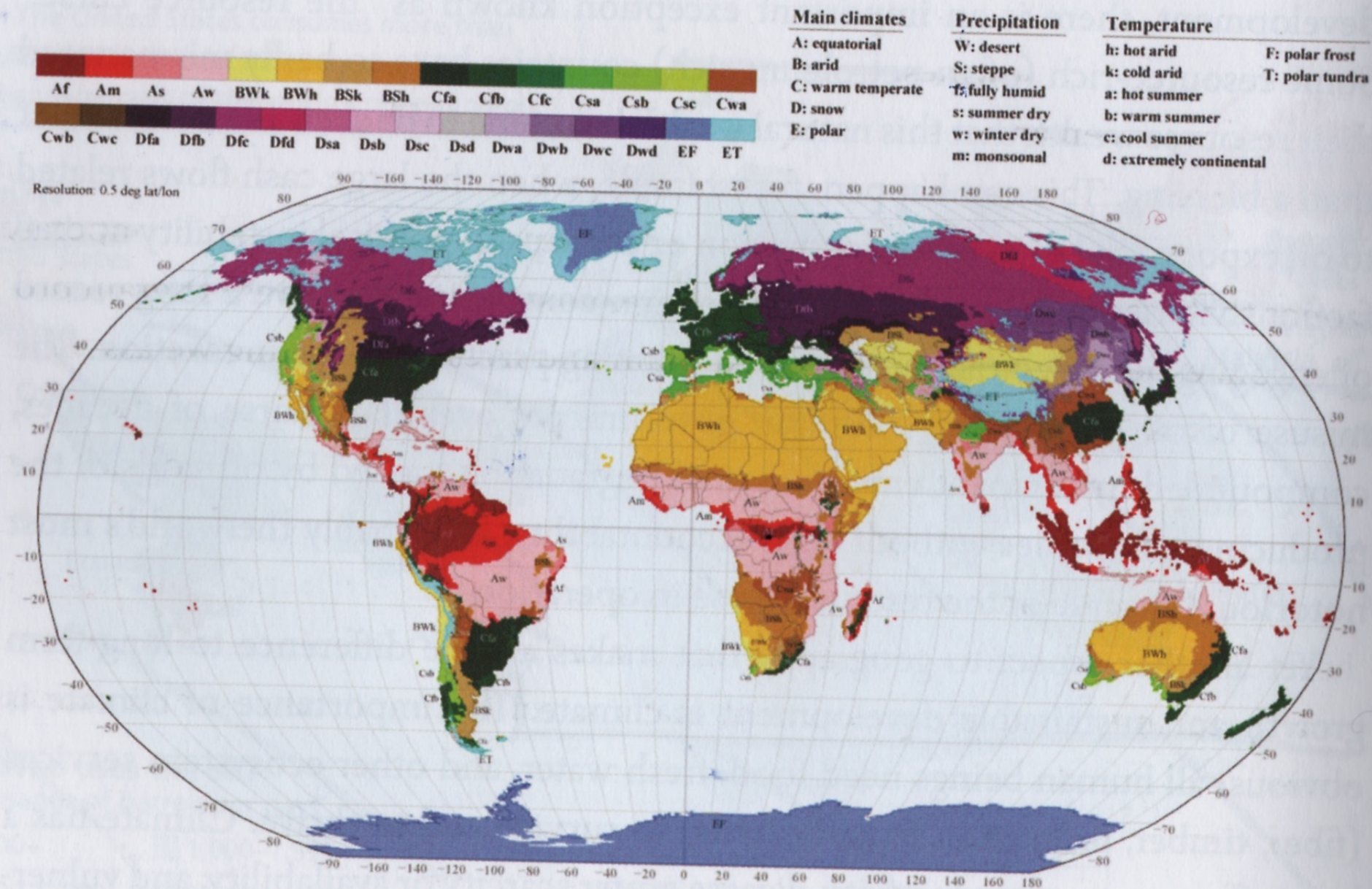


### 6.6 Surface temperatures in 2013 compared with 1951–80

Source: Calculated at [http://data.giss.nasa.gov/cgi-bin/gistemp/nmaps.cgi?sat=4&sst=3&type=anoms&mean\\_gen=0112&year1=2013&year2=2013&base1=1951&base2=1980&radius=1200&pol=rob](http://data.giss.nasa.gov/cgi-bin/gistemp/nmaps.cgi?sat=4&sst=3&type=anoms&mean_gen=0112&year1=2013&year2=2013&base1=1951&base2=1980&radius=1200&pol=rob).

times per 1,000 days in the 1950s are now occurring at a frequency of 50–100 times per 1,000 days in our time.



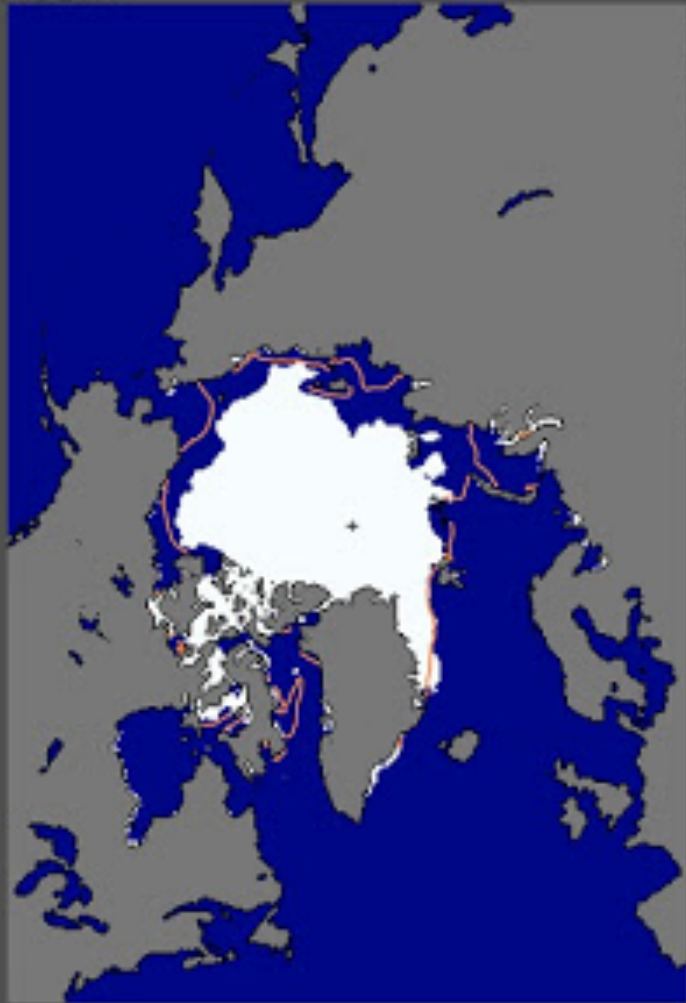


#### 4.6 Global Köppen-Geiger climate classification

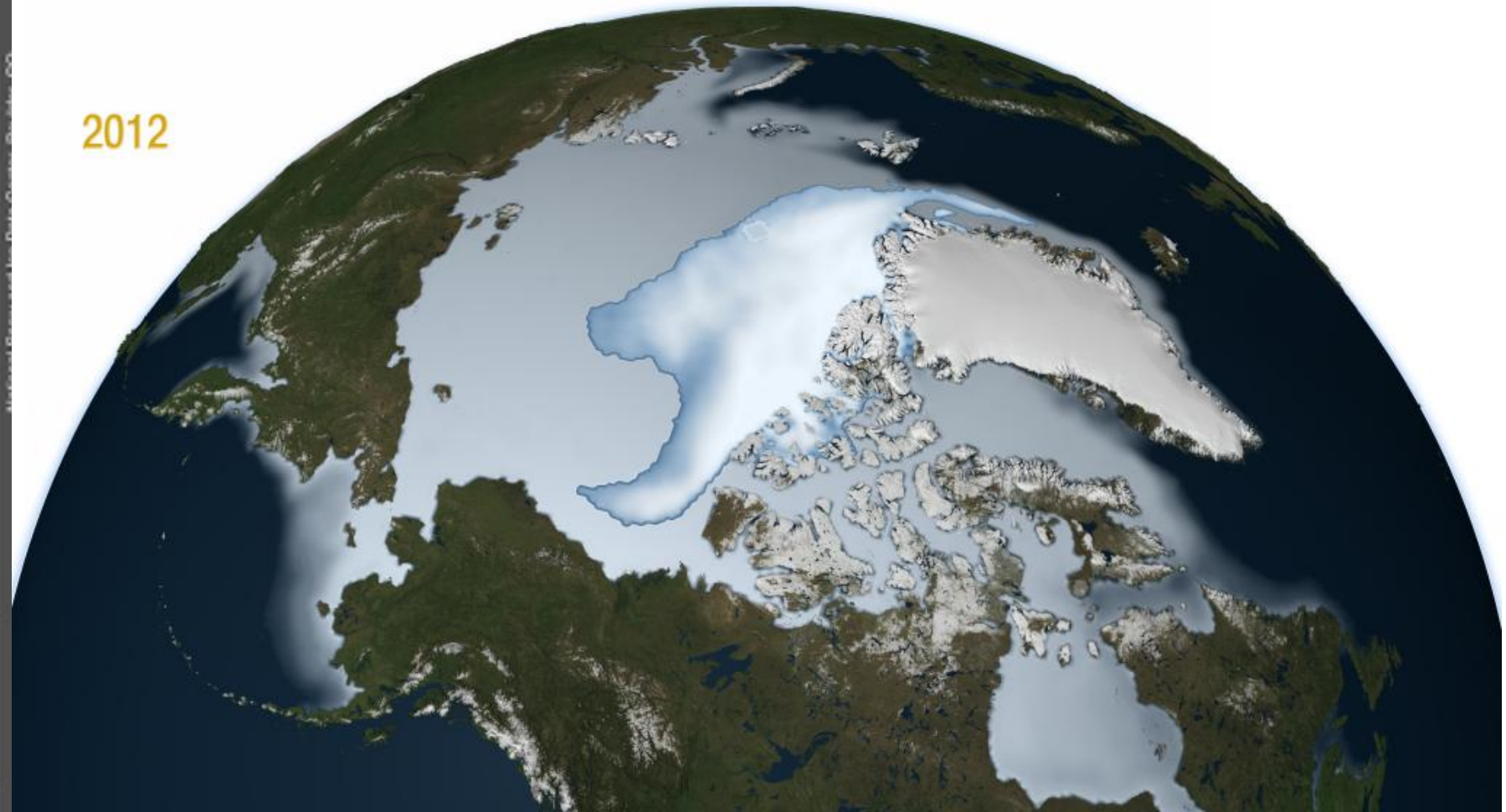
Kottek, M., J. Grieser, C. Beck, B. Rudolf, and F. Rubel. 2006. "World Map of the Köppen-Geiger Climate Classification Updated." *Meteorol. Z.* 15(3): 259–263. doi: 10.1127/0941-2948/2006/0130.



Sea Ice Extent  
08/02/2011



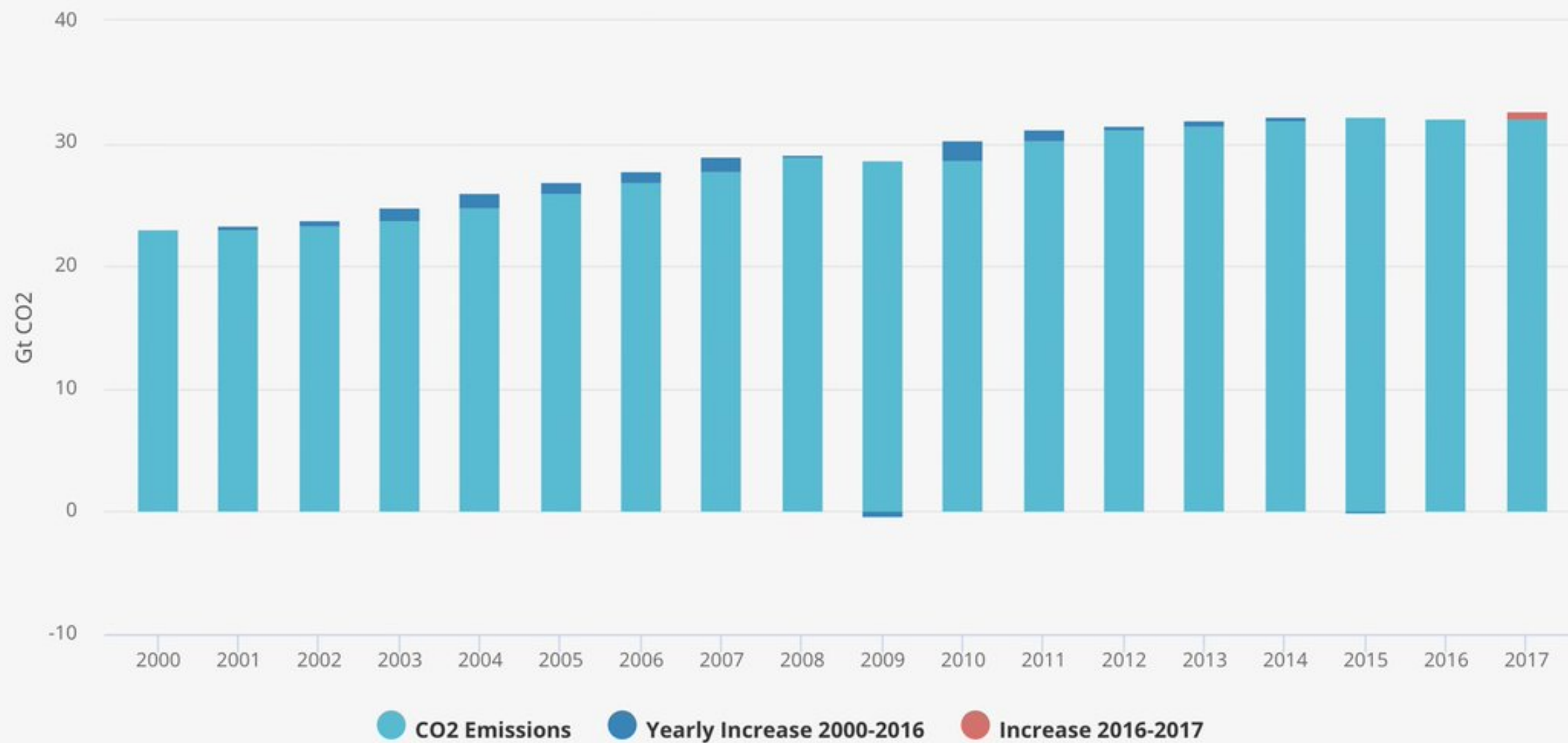
2012



median  
1979-2000

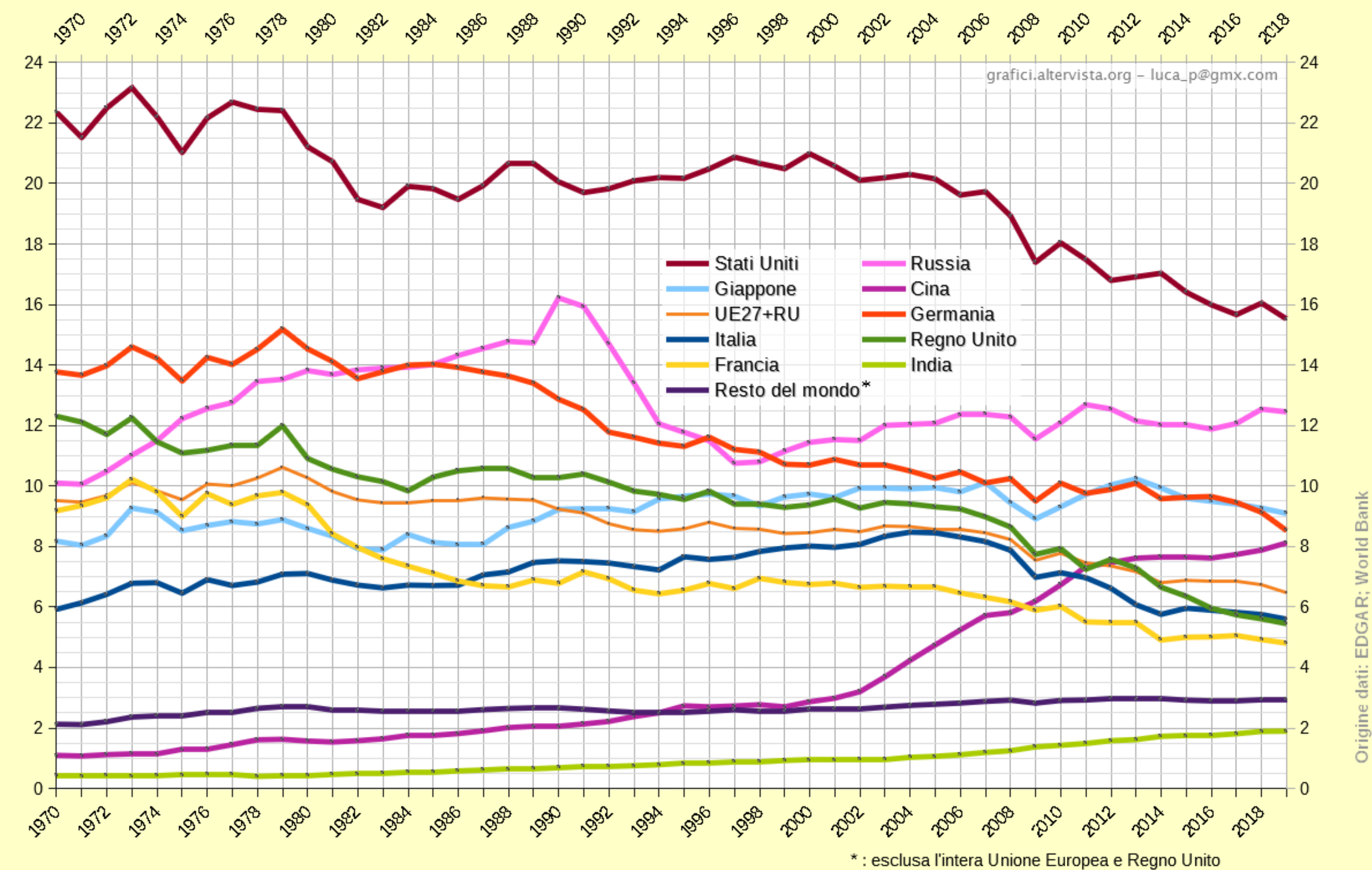
# Global energy-related CO2 emissions

Global Energy & CO2 Status Report

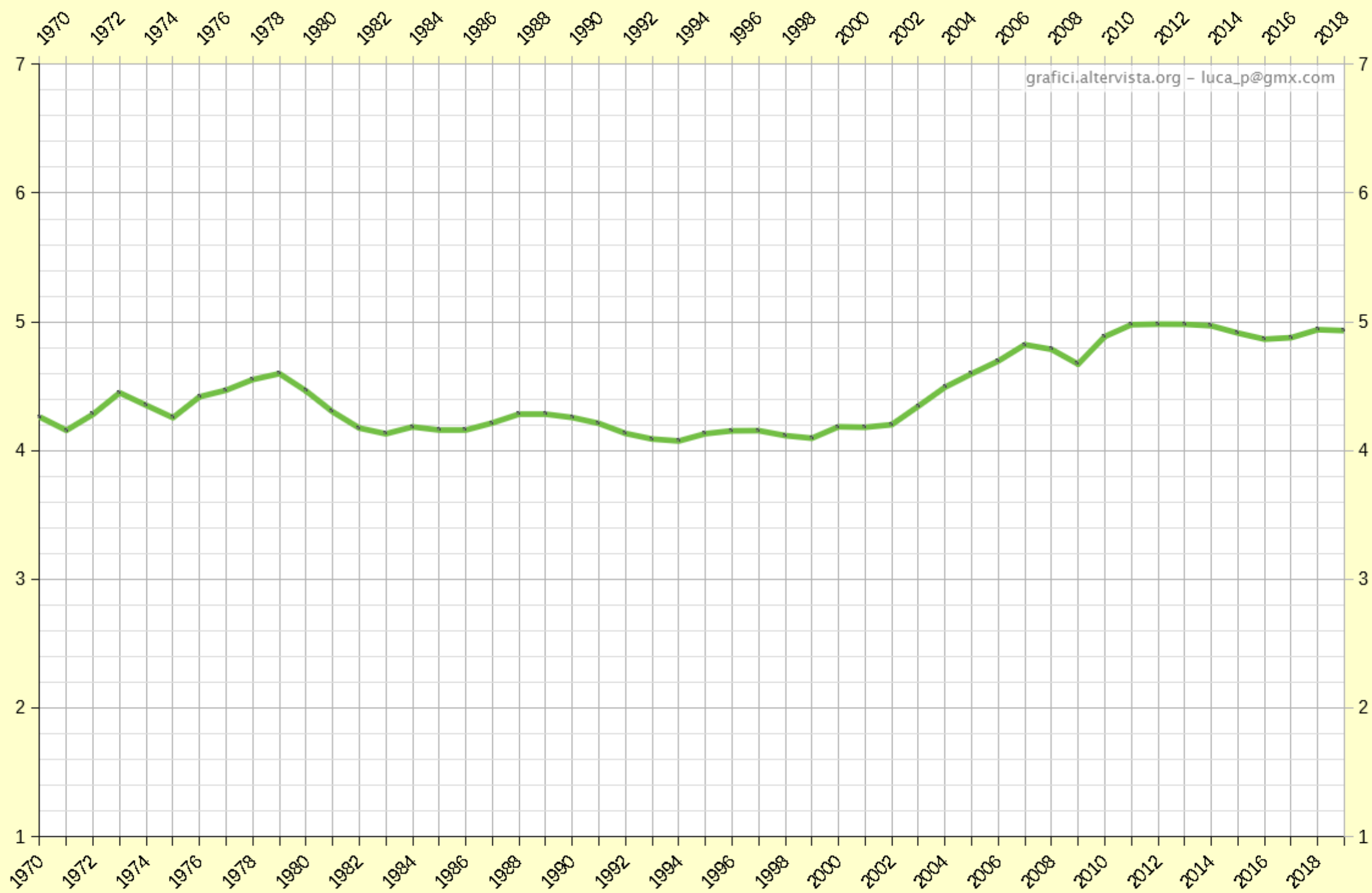




# missioni di CO2 pro capite in Italia e altri paesi (tonnellate)

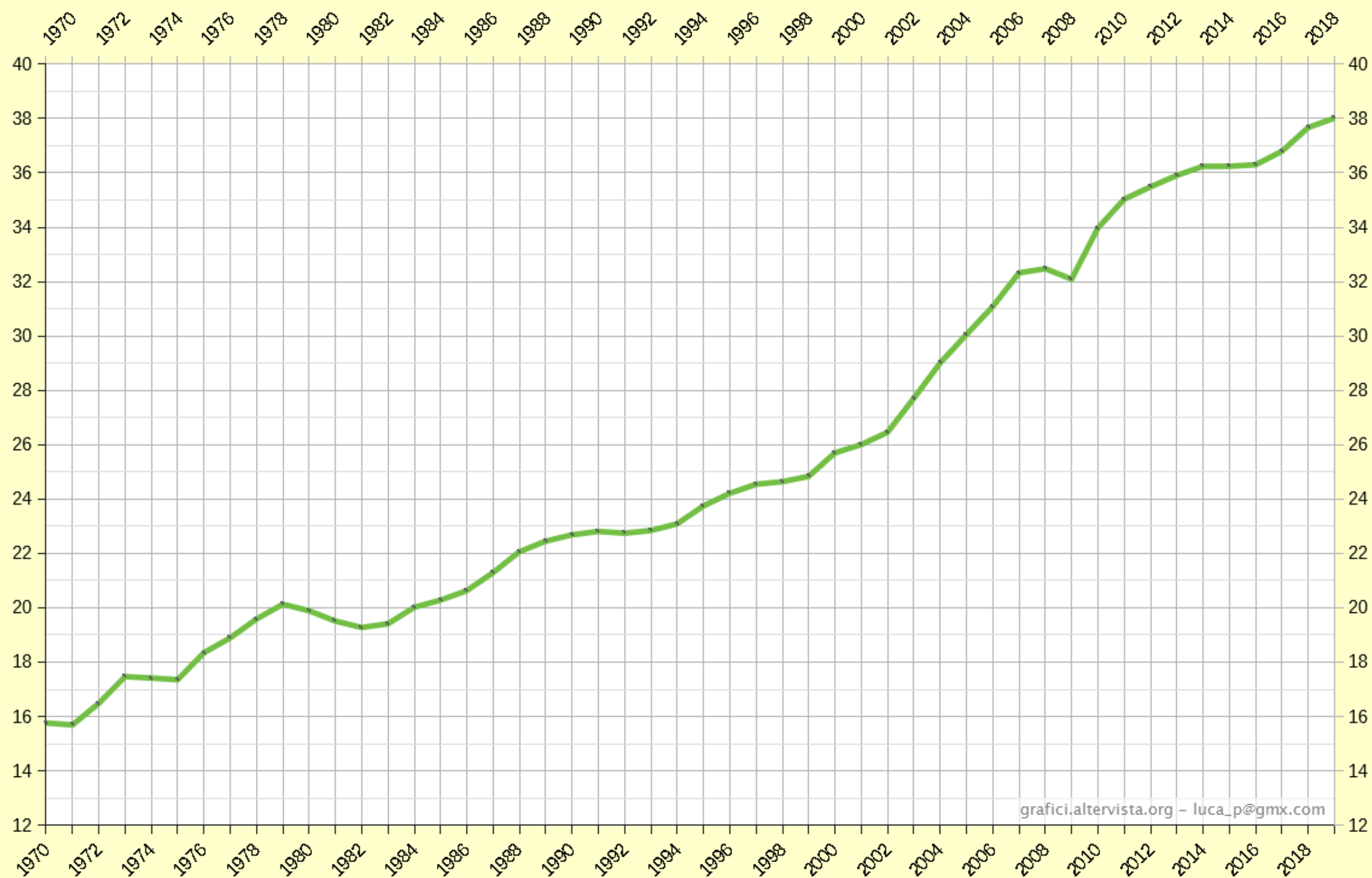


## Emissioni mondiali di CO2 pro capite (tonnellate)





## Emissioni mondiali di CO2 (miliardi di tonnellate)



grafici.altervista.org - luca\_p@gmx.com

Origine dati: EDGAR