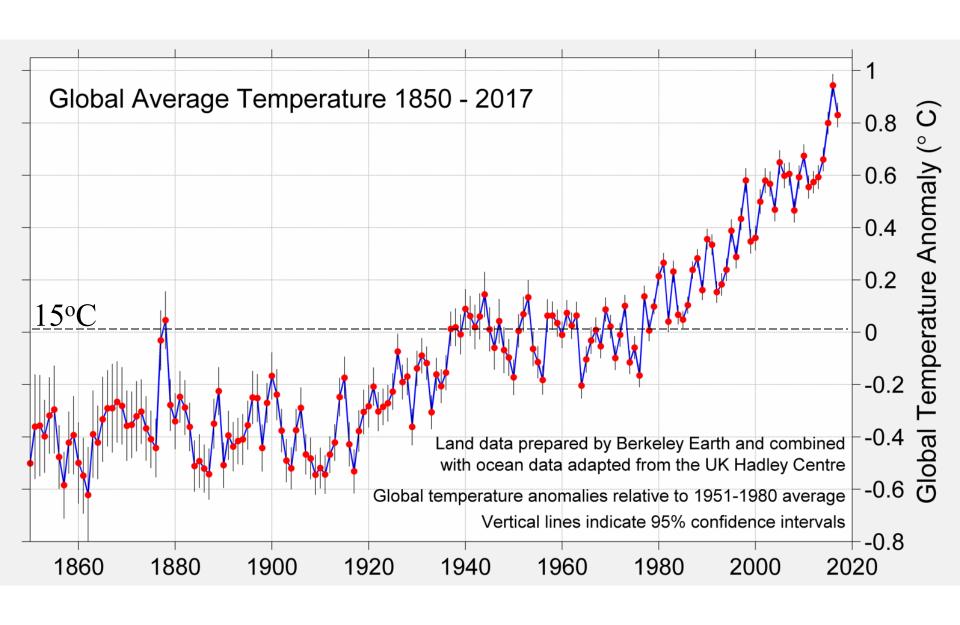
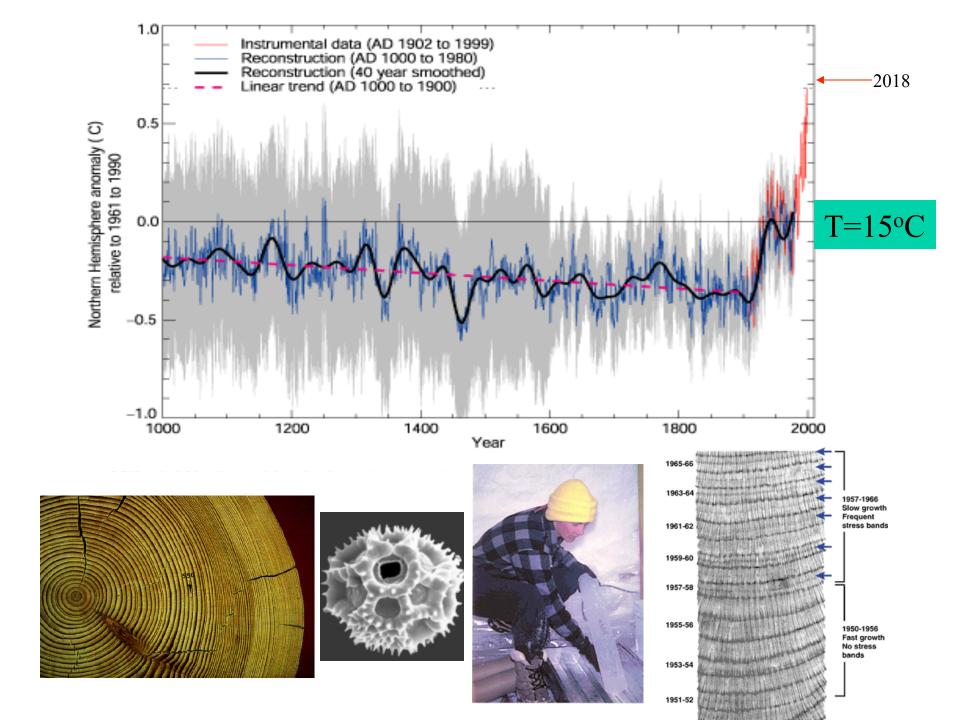


cprice@flash.tau.ac.il



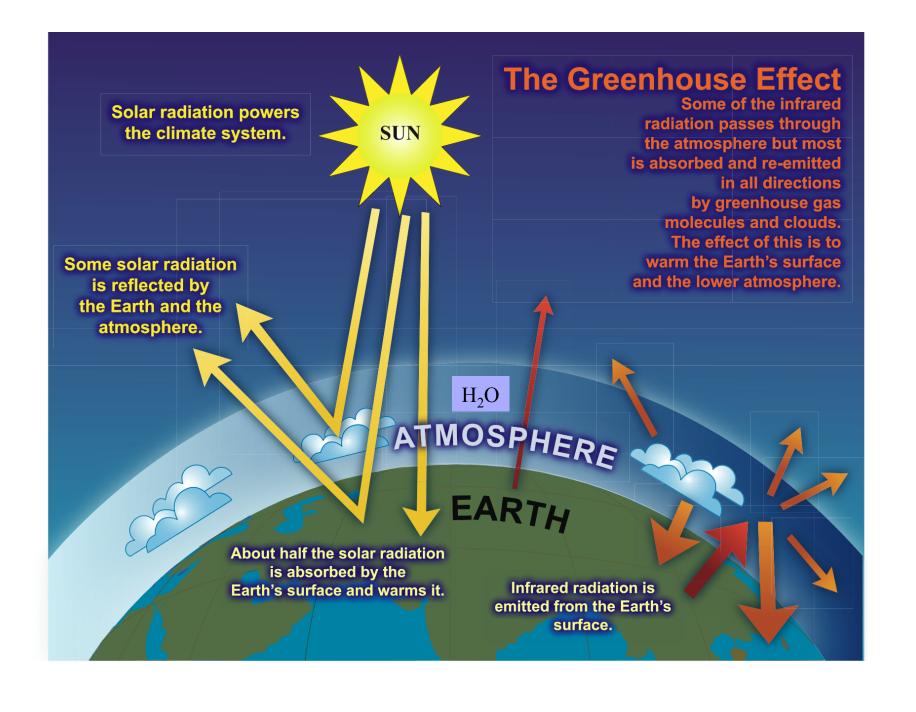


McCarty Glacier - Alaska

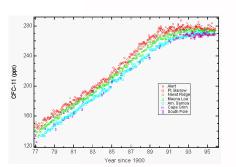


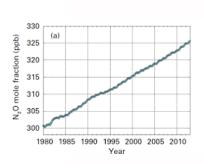


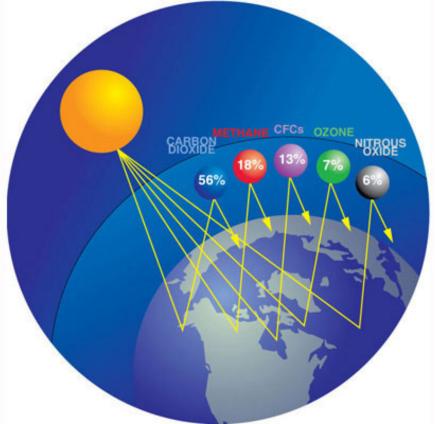


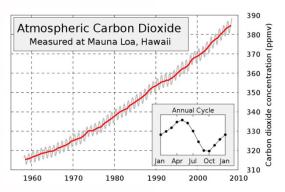


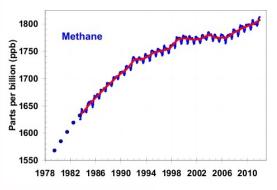
Human-induced Global Warming











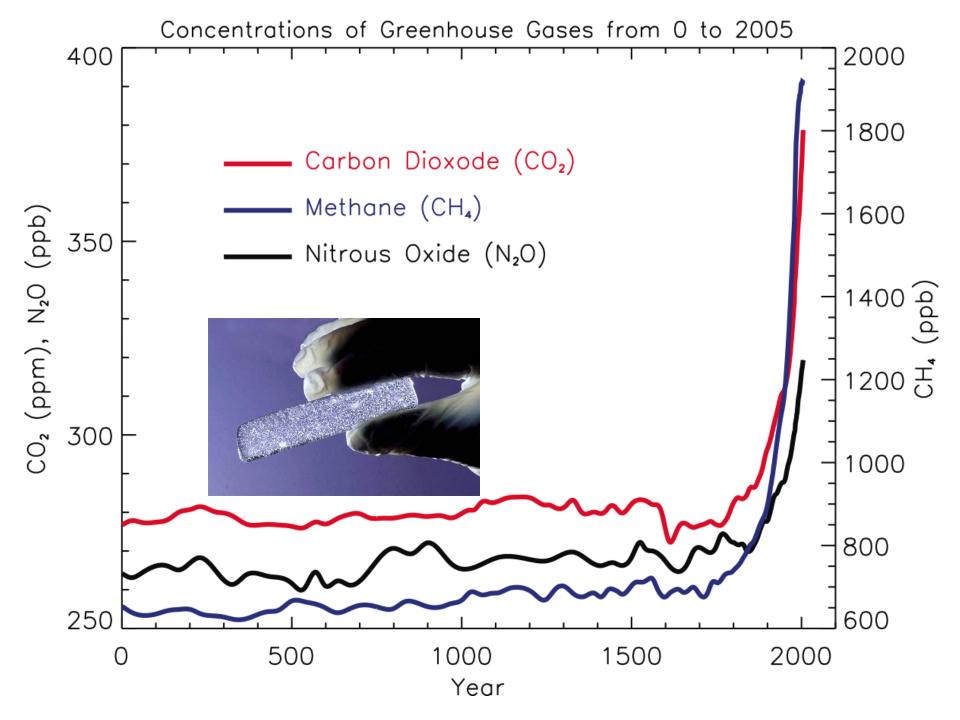


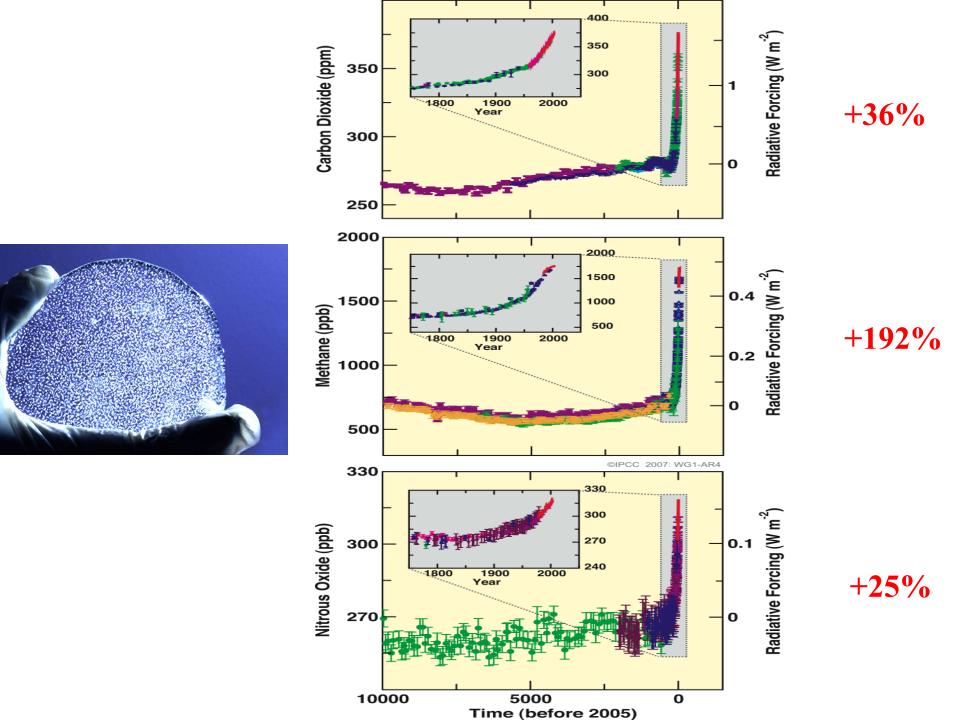




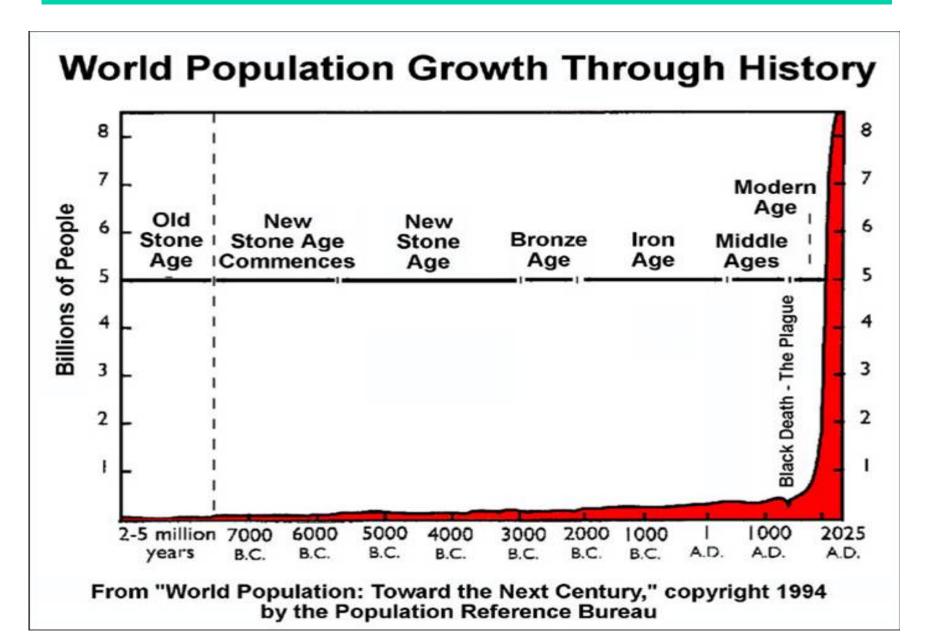
Do we know the concentrations 10,000 years ago?



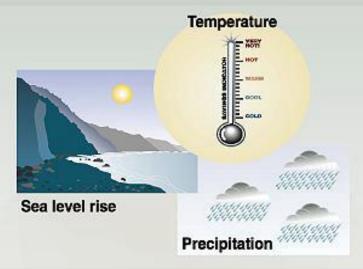




What's causing this rise in greenhouse gases?



Potential climate changes impact



Impacts on...

Health



Weather-related mortality Infectious diseases Air-quality respiratory illnesses

Agriculture



Crop yields Irrigation demands

Forest



Forest composition Geographic range of forest Forest health and productivity

Water resources



Water supply Water quality Competition for water

coastal areas



Erosion of beaches Inundation of coastal lands additional costs to protect coastal communities

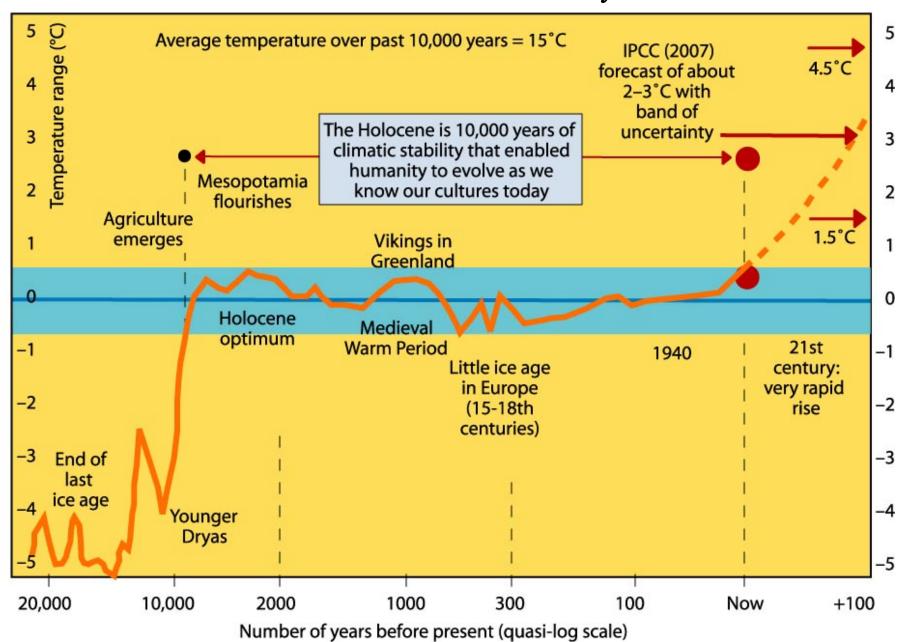
Species and natural areas



Loss of habitat and species Cryosphere: diminishing glaciers



Our civilizations have developed in the last 10,000 year.... when our climate was relatively stable



Are there solutions?

