

ESS11: CLIMATE CHANGE AND POLICY

Homework # 8

(due Tuesday - 23 March)

1. What does the Summary for Policymakers say about the observed global changes (in the past 50-100 years) in the following atmospheric and oceanic fields: (a) lower stratospheric temperature, (b) global surface temperature, (c) global sea level height, (d) precipitation pattern, (e) snow cover, and (f) El Niño activity.
2. Since 1750, what have happened to the atmospheric concentrations of (a) CO₂, (b) methane, (c) N₂O, (d) lower stratospheric ozone, and (4) tropospheric ozone?
3. What does the Summary for Policymakers predict for the future changes of (a) global surface temperature, (b) global sea level height, (c) thermohaline circulation, and (d) global precipitation.