

ESS11: CLIMATE CHANGE AND POLICY

Homework # 7

(due Tuesday - 16 March)

1. The global CO2 budget. By what factor have fossil fuel CO2 emissions risen between the 1930s and the 1980s? Of the total amount of CO2 emitted from fossil fuels, how much stays in the atmosphere? where does the rest go?
2. The U.N. Framework Convention on Climate Change (FCCC) attracts its Conference of the Parties (COP) based on its primary objective. In what article does the objective appear? What, in your opinion, are the most important dozen words of the objective? What are the commitments made by the signatories? Which countries have the greatest responsibilities? which have the least?
2. The Kyoto Protocol to the UN FCCC is not yet in force. What will it take to make the Kyoto Protocol "enter into force" for its signatories? What greenhouse gases and aerosols are listed under Kyoto? What is the typical reduction in greenhouse gas emissions from 1990 to 2010 that is expected for Annex I countries?