Section 19: Carbon Cycle

Reading: Hannah Chapter 19

Resources other than Chapter 19:

https://www.carboncyclescience.us/state-carbon-cycle-report-soccr: State of the Carbon Cycle Report (SOCCR)

19.1 Introduction

19.2 The global carbon cycle

* 19.2.1 stocks/pools/reservoirs (has units of g C; contrast with fluxes)
* 19.2.2 fluxes (cycling, transfers) (has units of g C/year)

19.3 Human perturbations to the carbon cycle

* 19.3.1 GHG in atmosphere
* 19.3.2 human-caused sources of GHG
* 19.3.3 responses of biosphere to CC (warming, inc. atm CO2)

19.4 Global carbon budget

19.5 US carbon budget