

Supporting Information

Mooney et al. 10.1073/pnas.1107484110

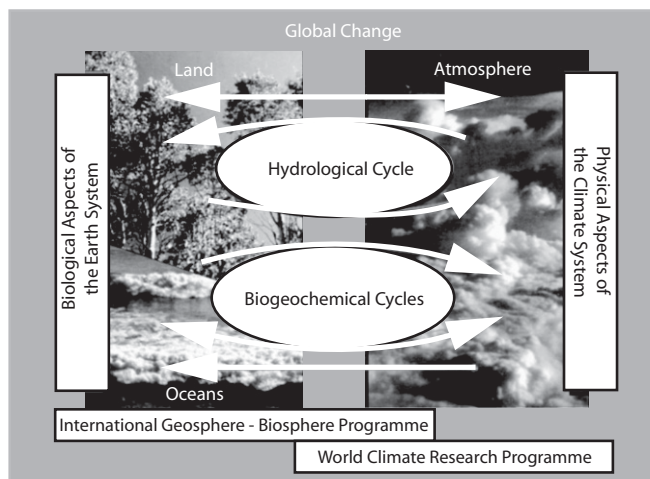


Fig. S1. The initial core projects of the International Geosphere-Biosphere Programme (IGBP). A study of global change (1). The new IGBP program was initially focused on biogeochemistry to link with the preexisting World Climate Research Programme (WCRP), thereby in a sense, making Earth system science operational. Note that there was not a human dimension noted in this marriage of biology and physical sciences. [Reprinted with permission from International Geosphere-Biosphere Programme.]

1. IGBP (1990) *The International Geosphere-Biosphere Programme: A Study of Global Change. The Initial Core Projects* (International Geosphere-Biosphere Programme, Stockholm).

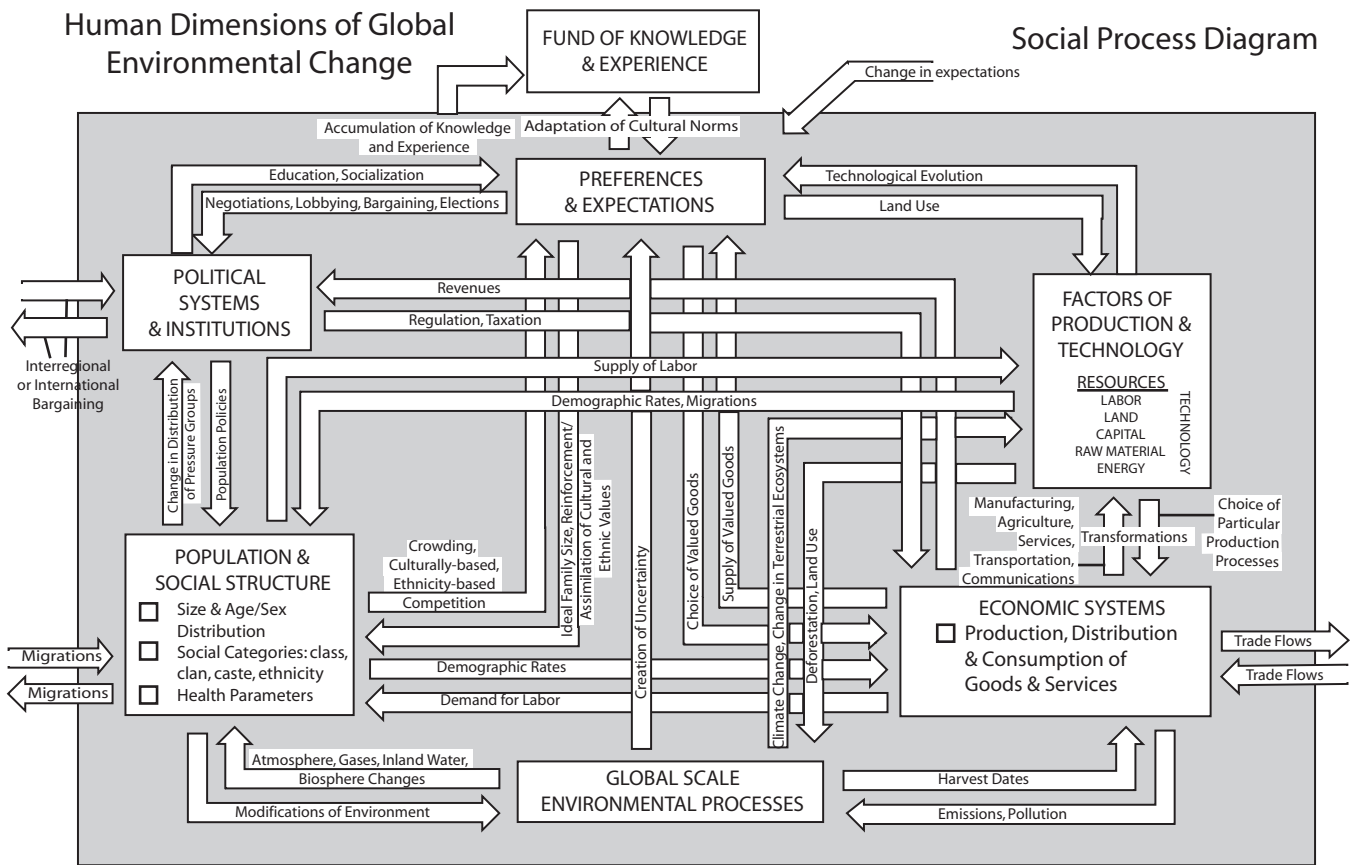


Fig. S2. A conceptual framework for the human dimensions of global environmental change that was developed by the Consortium for International Earth Science Information Network (1). [Redrafted with permission from CIESIN.]

1. CIESIN (1992) *Pathways of Understanding. The Interactions of Humanity and Global Environmental Change* (Consortium for International Earth Science Information Network, University Center, MI). Available at <http://www.ciesin.columbia.edu>.