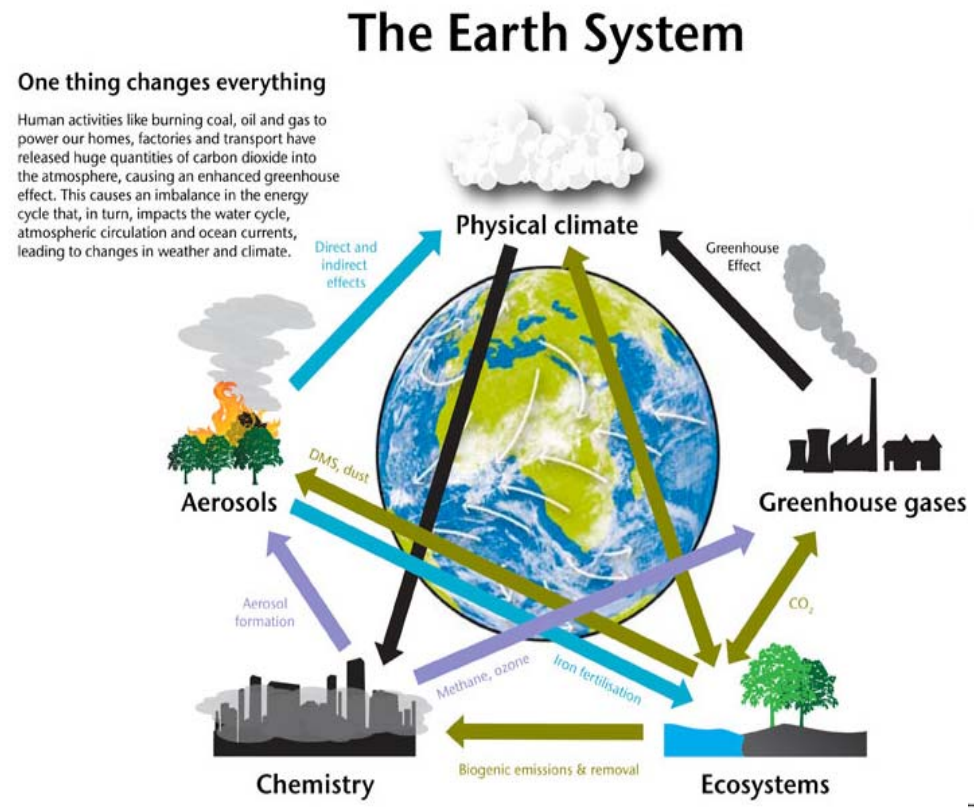
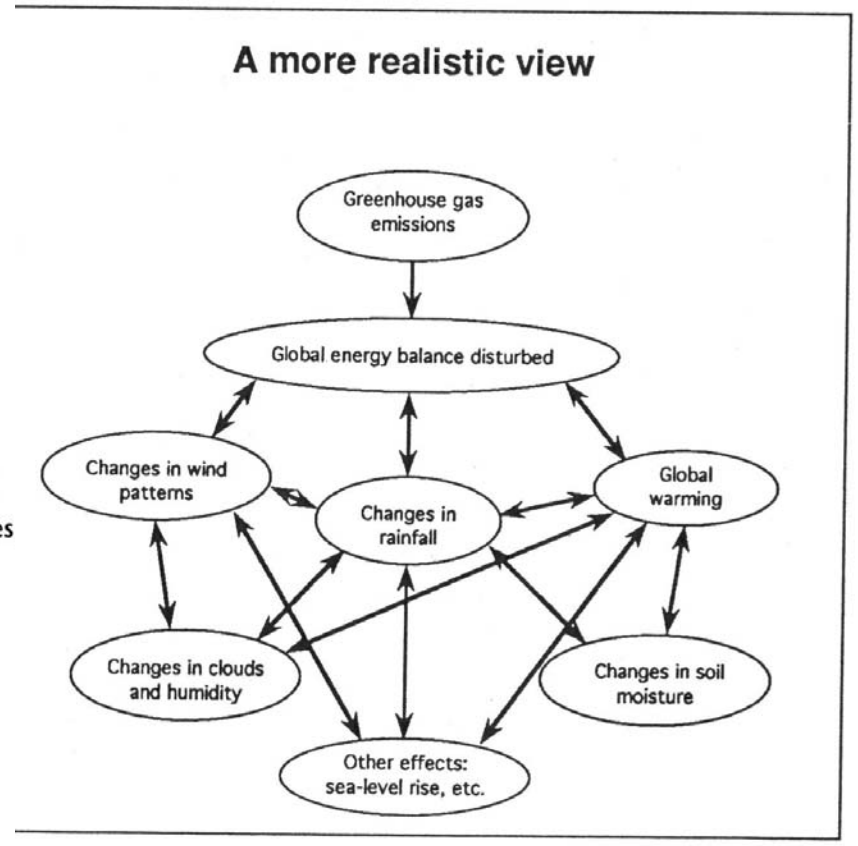
CROSS-CUTTING SYSTEMS TASK GROUP

Climate change as a…system

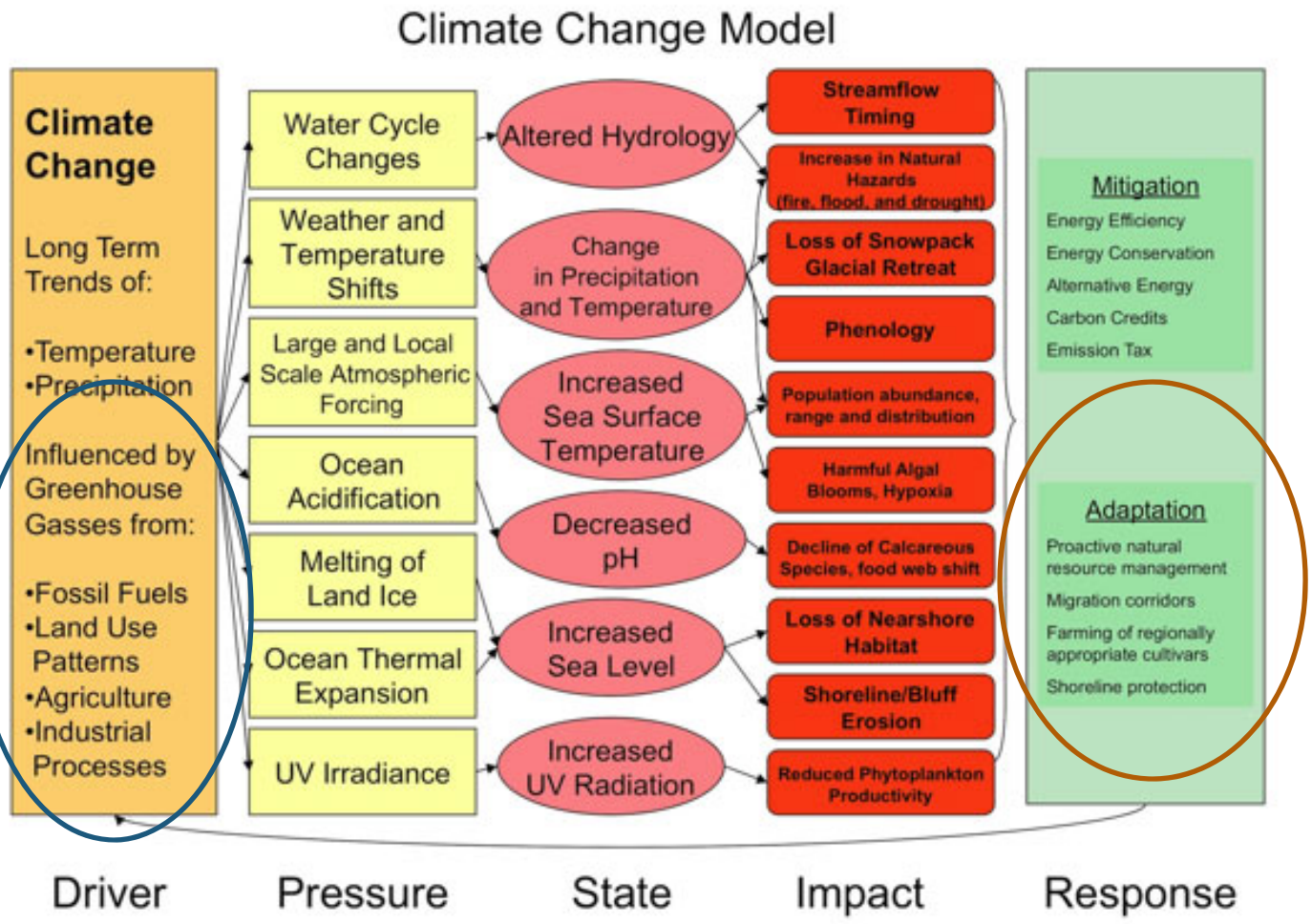


Schematic figure of HadGEM2-ES and the earth system interactions it represents



United Nations/UNEP

http://www.metoffice.gov.uk/research/news/cmip5



http://pugetsoundscienceupdate.com/pmwiki.php?n=Chapter3.Section2

DO NO HARM – PEOPLES, COMMUNITIES, THE ENVIRONMENT

LULC – public/private, Nature-based solutions

Governance & planning – scale, barriers to climate resilience

Future projections of changes in the statistics of: HDDs, CDDs, heat waves, seasonal precip metrics, air quality, growing season, thresholds (e.g. days >87°F), all natural hazards

Climate-resilient zones, human and species movements, access & equity

Residential energy use, changes in amps, stability of the grid

Identify existing data gaps, sources of uncertainty, potential system changes in the future

Equity-based data/information visualizations