

# Earth Science

The biosphere, geosphere, hydrosphere and atmosphere are interconnected as matter cycles and energy flows through them:

- How major spheres interact
  - Bioaccumulation & biomagnification within abiotic & biotic parts of ecosystems
  - Matter cycles (water, nitrogen, carbon, phosphorus).
- Sustainability/equilibrium of systems
  - Solar Radiation + Carbon=greenhouse gases = Climate change
  - Agriculture, Deforestation etc.
- How matter and energy move through ecosystems
- First People's view of matter & energy cycles
  - Interconnectedness & Sustainability