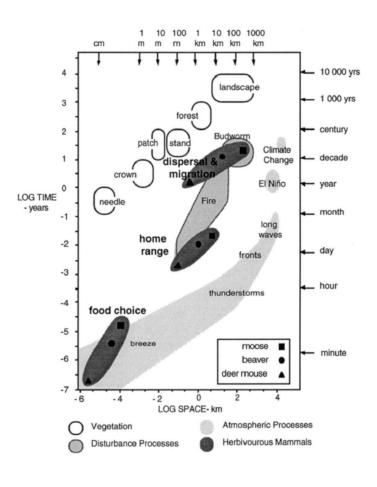
Scale

Phenomena occur at multiple scales

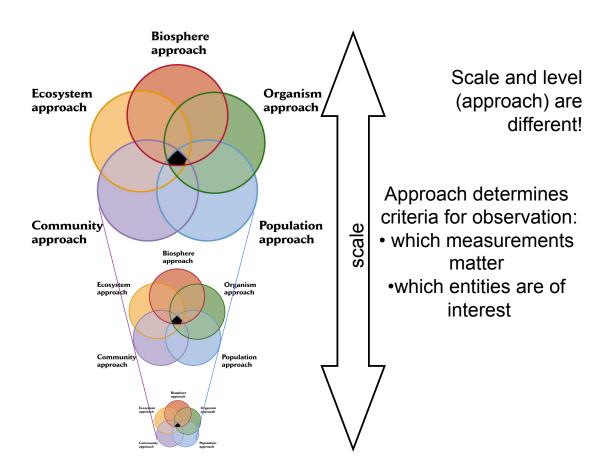
Space and Time related

Scale of measurement influences what we learn from observation

Scale-dependence



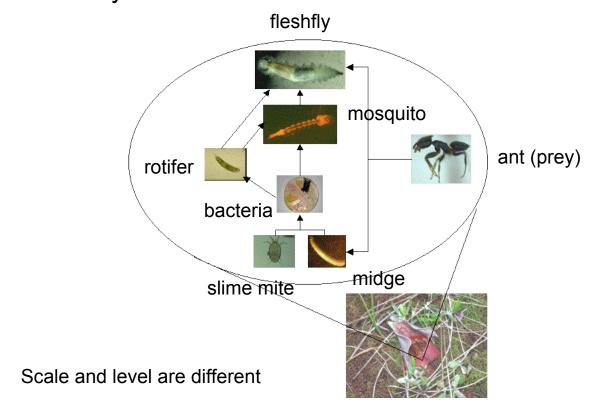


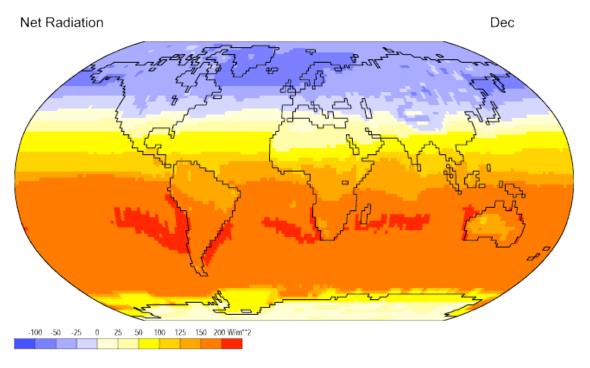


Northern pitcher plant Sarrecenia purpurea

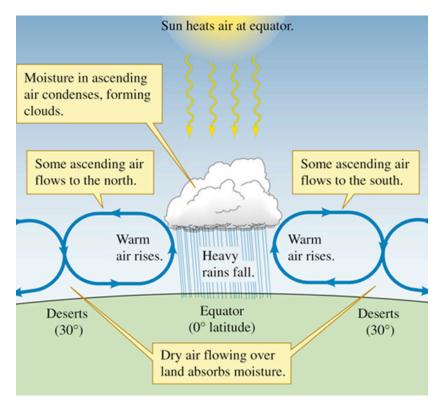


An ecosystem in a leaf

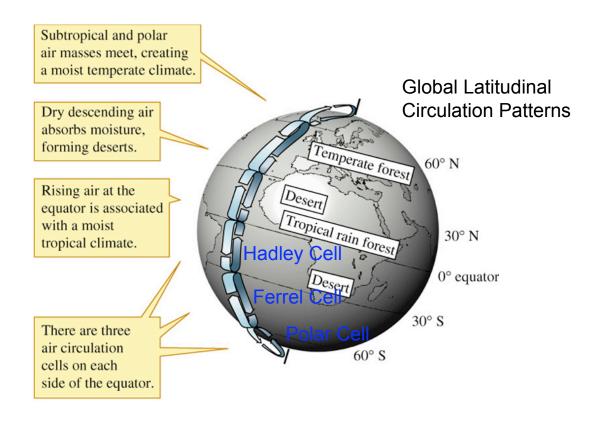




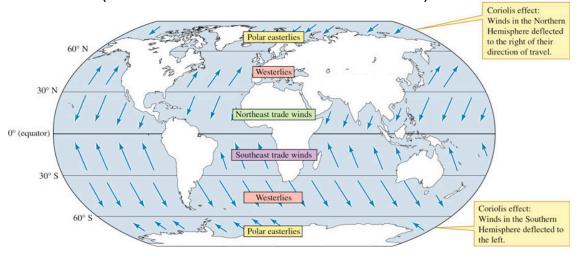
Data: NCEP/NCAR Reanalysis Project, 1959-1997 Climatologies Animation: Department of Geography, University of Oregon, March 2000

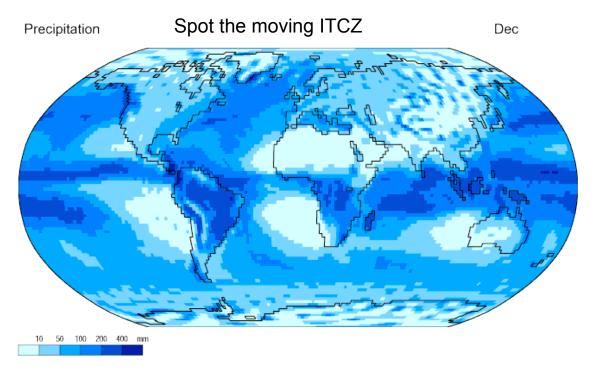


Inter-Tropical Convergence Zone

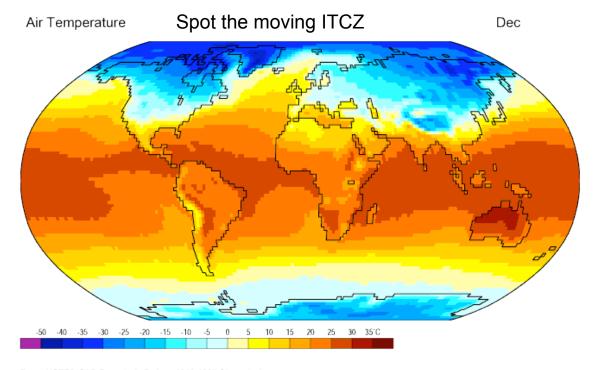


Coriolis effect - Earth's rotation interacts with Circulation cells to make wind patterns (which drive Ocean circulation as well)

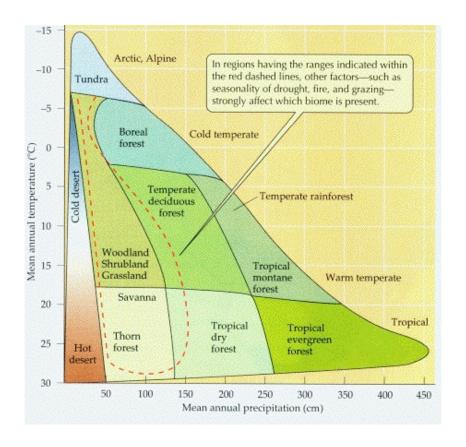




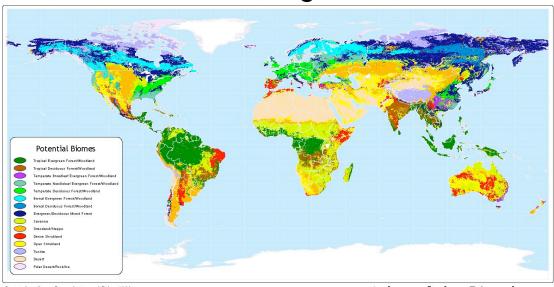
Data: NCEP/NCAR Reanalysis Project, 1959-1997 Climatologies Animation: Department of Geography, University of Oregon, March 2000



Data: NCEP/NCAR Reanalysis Project, 1959-1997 Climatologies Animation: Department of Geography, University of Oregon, March 2000

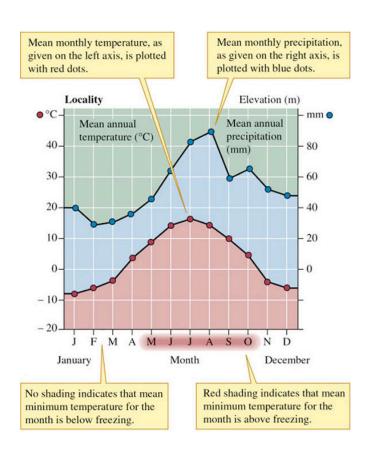


Potential Vegetation



Data taken from: Ramankutty and Foley 1999

Atlas of the Biosphere Center for Sustainability and the Global Environment University of Wisconsin - Madison



Where in the heck are we?

