

① ② ③  
1/23 Ch 5 Review

~~Succession~~ Succession - predictable changes (in a community) - over time...

primary succession - series of changes where no soil or organisms exist. Ex: volcano, rock (ocean)

secondary succession - disruption to ecosystem, but soil and organisms are still present EX: forest fire, tornado, hurricane, earthquake

→ pioneer species - first organisms returning to area to populate.  
- wind or water

ex: moss, lichen

algae, fungi

job → return soil to area

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adaptation - organisms that change in order to survive.  
(in a changing or new condition) → over time...

abiotic = non-living (water, sunlight, minerals, oxygen, (rocks))  
biotic = living

producers  
consumers

Human impacts on ecosystems

- deforestation
- energy production
- nonnative species
- green house effect

threatened species - species declines + headed to endangerment

endangered species - species so limited in # close to extinction (none)

extinction - total disappearance of species

habitat destruction - humans taking away natural habitat.

habitat fragmentation - small areas "chopped" up by human development.

→ isolation of species ←

dispersal - movement of organisms from one place to another (wind/water)

can change: ① physical geography (barriers)

② Competition

③ climate change

④ can from one climate to another

Competition - organisms trying to all get the same resources (limited)