

## Introduction to Environmental Earth Science

### Chapter 5 Conservation Prep

1. Ecosystem Services: Types and examples (match a type to its best example) be able to match types with examples. Types: Provisioning, Regulating, Supporting, Cultural
2. In class we discussed four ways humanity has adversely impacted biodiversity. Describe two of those ways.
3. One way to conserve land or resources is to federally protect an area. Out of all the protections this designation seeks to keep the area the most 'pristine'.
4. What are the counter arguments to placing value on all land? In the words of Aldo Leopold, "We abuse the land because we regard it as a commodity belonging to us. When we see the land as a community to which we belong, we may begin to use it with love and respect."
5. Be able to document the main points of Suzanne Simard's talk with respect to their importance toward conservation.
6. Be comfortable listing the Big Ideas of geology/Earth Science from your syllabus.
7. How have anthropogenic activities impacted biodiversity on Earth? What have these activities led to that have either enhanced or decreased biodiversity?
8. Beyond creating a park or protected area, what are the other pathways toward conservation discussed in the book? E.g. TDR and PES?