



Forest Value

- Ecological
 - Habitat
 - Biodiversity
- Economic
 - Timber
 - Goods (paper, nuts, tocol, carnauba wax, etc.)
- Recreation
 - Hiking
 - Camping
- Oxygen via photosynthesis



Deforestation

- **Clearing (cutting down) a forest**
 - Clear-cutting—cutting down all trees
 - Slash & burn—cut down trees & burn the stumps
- **Why?**
 - Unhealthy stand (group of trees)
 - Timber
 - Goods
 - Land for agriculture, homes, roads, etc.
- **Drawbacks**
 - Loss of biodiversity (increase chances of extinction)
 - Loss of habitat
 - Loss of potential new goods
 - Takes decades to regenerate

Sustainable Forest Management

- Focuses on the long-term survival of the forest as well as meeting present needs
- Uses different methods of harvesting based on the current condition of the forest and future goals
- Takes environmental, economic, and recreational value into account