

Human Impact on Ecosystems

Sustainable Use

- The _____ of an ecosystem means using an ecosystem's resources in a way that meets our _____ needs without _____ the ability of _____ generations to meet their needs

Human Activity

- Human activity has caused all levels of biodiversity to _____ at an unprecedented rate
- The 5 major causes of this are:
 1. _____
 2. _____
 3. _____
 4. _____
 5. _____

Habitat Change

- _____ is the process by which humans alter a habitat enough so that the native species can no longer live there
- _____ are species that normally live in that habitat
- humans change habitats for:
 - _____
 - _____
 - _____

Overexploitation

- _____ of a resource means using a resource faster than it can be replaced
- Overexploitation often leads to _____
 - Eg. _____

Pollution

- _____ is any substance added to the environment that produces a condition that is _____ to organisms
- pollution takes many forms:
 - _____
 - _____
 - _____

Invasive Species

- An _____ is a non-native species that causes _____ to the ecosystem into which it has been introduced
- Invasive species will usually _____ native species because they have _____ and often _____

Climate Change

- Climate is the _____ weather condition that occur in a region over an _____
- When climate change occurs:
 - _____
 - _____
 - _____
- Climate change is currently being driven by _____

Human Impact on Ontario Ecosystems

Read Pgs. 60-63
Answer Pg. 63 #1-4