Mining

|  |  |  |
| --- | --- | --- |
|  | What is it? | Pros and Cons |
| Strip |  |  |
| Shaft or Subsurface |  |  |
| Mountain Top Removal |  |  |
| Open Pit |  |  |
| Placer |  |  |
| Hydraulic |  |  |

Terms:

overburden

leaching

externalities

reclamation

remediation

smelting

**Land Development**

Urbanization

Urban Sprawl

Urban Blight

Smart Growth

Urban Heat Island

Light Pollution

LEEDS Certification for buildings

How does building a road affect the environment?

How does building a shopping center affect the environment?

**Animal Resources**

Animal Farming

High Density or CAFO

Free-range

Fishing (Pros and Cons)

 Trawling

 Hook and line

 Gillnetting

 Longlining

Bycatch

Aquaculture

Quota

Fishery Collapse

**Forestry**

Old Growth

Secondary Growth

Logging

Deforestation

Sustainable Forestry

Types of cutting:

 Clear cut

 Slash and Burn

 Selective Cut

 Shelterwood

Types of fires

 Ground

 Surface

 Crown

Pros and Cons for fires

Agroforestry

**Federal Land Use**

Rangelands

Overgrazing

Agencies

 Bureau of Land Management

 US Forest Service

 National Park Service

 US Fish and Wildlife

National Parks (where was the 1st? Who was John Muir?)

Wildlife Refuge

Wilderness Area

**Agriculture**

Irrigation issues

 Water logging

 Salinization

Fertilizer

Pesticide Treadmill

Bioaccumulation

Integrated Pest Management

Monoculture

How to prevent erosion (types of farming practices)

Green Revolution

Sustainable Farming

GMO’s Pros and Cons

Organic Agriculture