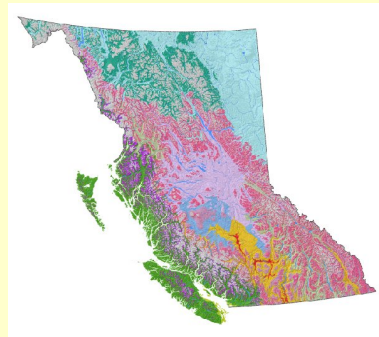


Forests and logging in British Columbia



British Columbia



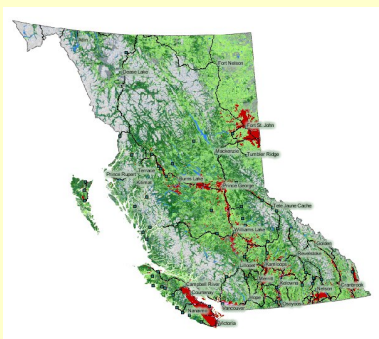
- ❖ 95 million hectares
- ❖ 64% forest

Forests & Forestry

- ❖ What's public land?
- ❖ How is it managed?
- ❖ What's overcutting?
- ❖ Who does the logging & where do the profits go?
- ❖ What's the big deal about old growth?
- ❖ What's the Pine Beetle epidemic?
- ❖ What are the impacts of Forest fires?

Public Land in British Columbia

- ❖ Crown Land
- ❖ Provincial Forest



Who can log it?

- ❖ A timber tenure is a contract between a company and the government which grants the right to harvest a specified volume of timber.
 - ♦ Timber
 - ♦ Timber Licence
 - ♦ Tree Farm Licence
 - ♦ Woodlot Licence
 - ♦ Pulpwood Agreement

Logging companies B.C.

- ❖ Large multinationals (Weyerhaeuser)
- ❖ Small family businesses
- ❖ Moderately-sized

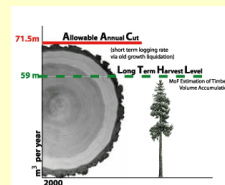
The Forest Act: 1949

- ❖ System to allocate tenures
- ❖ Allowable Annual Cut
- ❖ Chief Forester sets AAC for province
- ❖ Forest Practices Code 1994

Allowable Annual Cut- AAC

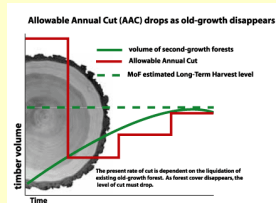
- ❖ 71 million cubic meters
- ❖ 200 000 hectares/year

Overcut



- ❖ The difference between the AAC and the long term harvest level

The falldown effect



Silvaculture



Methods

- ❖ Clearcutting
- ❖ Selective Logging

Sustained Yield

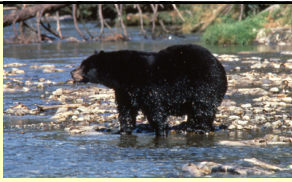
Old Growth



Clayoquot Valley



Giant sitka spruce trees in the temperate rainforest. (Photo: Mark Hobson)

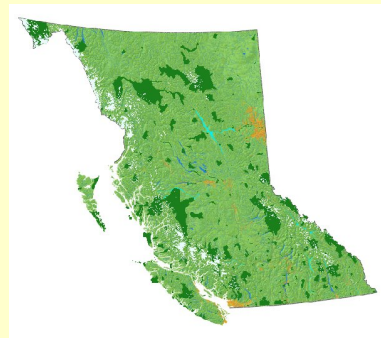
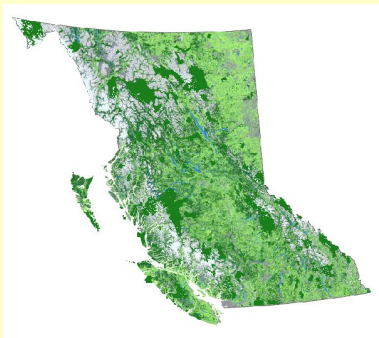
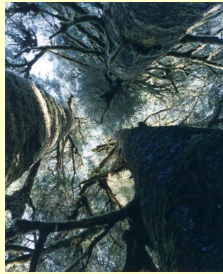


Sockeye



Wolf



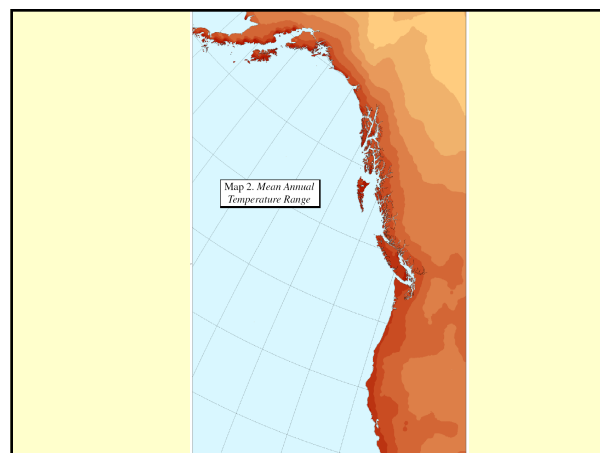
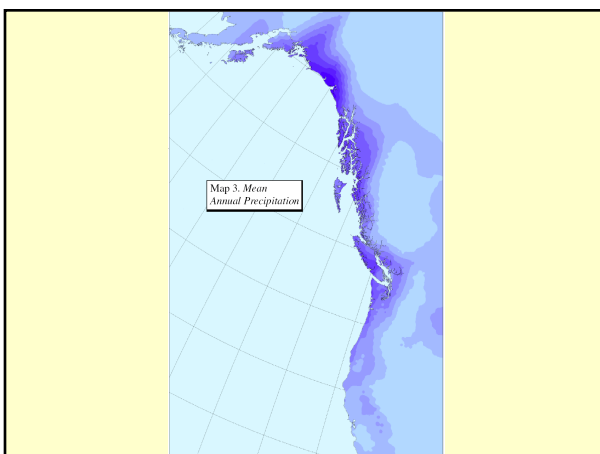
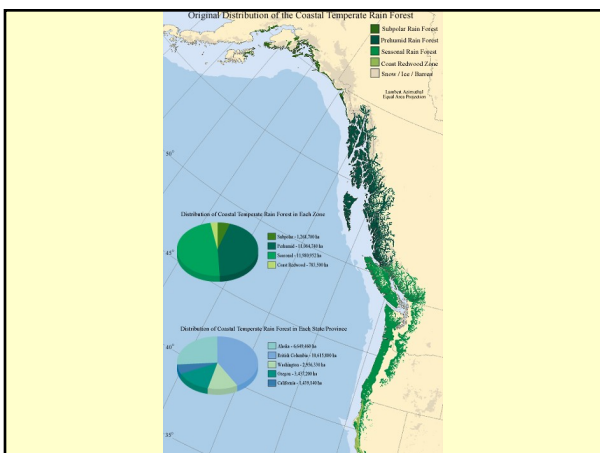
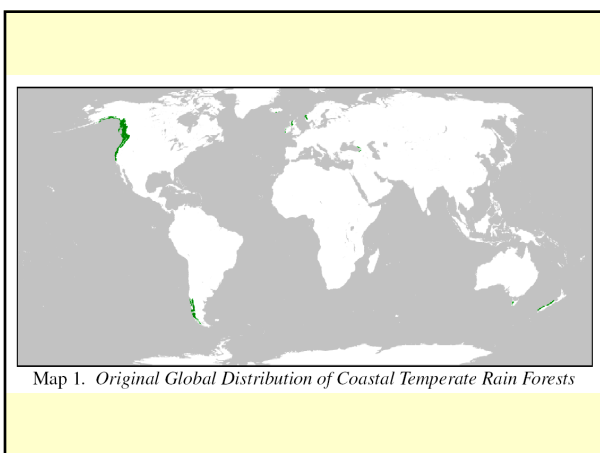


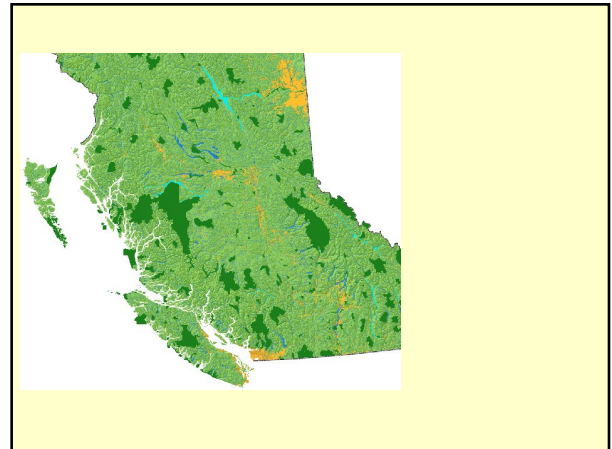
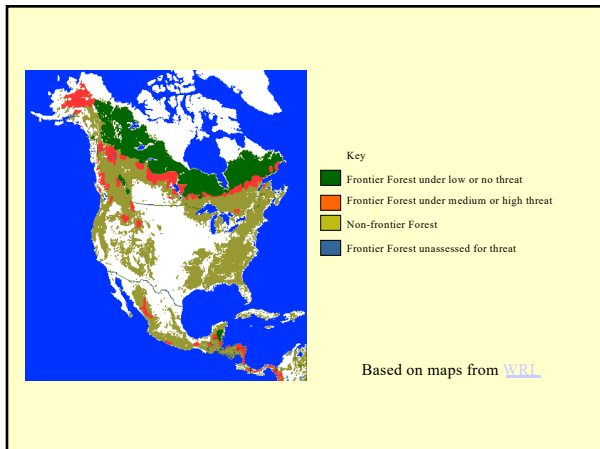
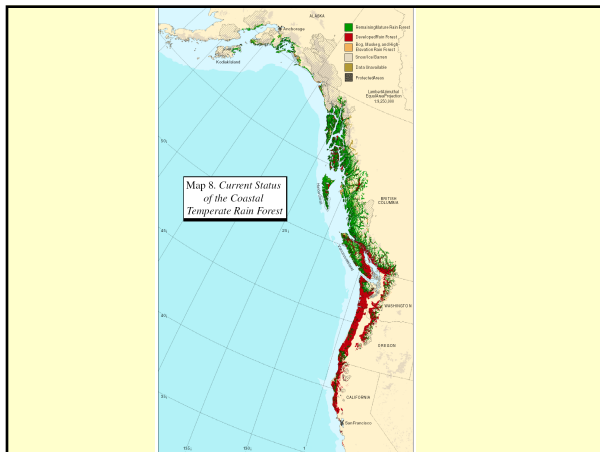
Three main types of forest

- ❖ Temperate
- ❖ Boreal
- ❖ Tropical

Temperate Rainforests







Pine Beetle

- ❖ Outbreak - 1991 began
- ❖ Usually die in cold snaps
- ❖ Warmer winters ...
- ❖ Campbell: cut trees in parks to control
- ❖ Others: use traps & other methods





Harry Potter and the Order of the Phoenix is printed on Ancient-Forest Friendly paper in Canada.

