

## Biodiversity

Read Chapter 10, *The economics of biodiversity and ecosystem services*, in your Hussen text to orient to the issue.

### Requirements

Evaluate the various positions taken up in the debate regarding logging of old-growth forests as presented in the following *Victoria Times Colonists* article:

<https://www.timescolonist.com/news/local/loss-of-old-growth-faster-than-for-tropical-rainforest-sierra-club-of-b-c-1.14871002>

Use the model on “optimal” level of ecosystem services and biodiversity conservation (in the Hussen text) to compare and contrast the different positions presented in the article and to assess the implications for biodiversity conservation of each position. Be sure to thoroughly explain the model and your implementation of it.

Formulate a conclusion, supported by your analysis and by additional research, regarding the best policy approach to take in relation to old-growth forests on Vancouver Island.

Your paper should incorporate the following concepts from the course:

- Ecosystem services
- Ecosystem valuation
- Welfare and optimality
- Welfare equilibria

### Specifications and Regulations

- Submit as Microsoft Word document, 2.5 cm margins, 1.5 spacing, Serif font (e.g., Times New Roman)
- APA formatting and citations
- Maximum 1,800 words (not including figures and illustrations) 2% penalty for every 100 words over the limit
- Must be submitted on time. Late penalties: 10% for the first day, 5% for each additional day (or portion thereof)
- Must represent original work
- Must represent individual effort (strict “no-sharing” policy. Violations will result in a grade of 0%)
- Must conform to University policies on Academic Integrity