The purpose of this research exercise is to present a brief summary of the fisheries biology and management of a fisheries species of your choice. Make sure you can find fisheries data on your species of choice before you commit to it. Including some data graphs is always helpful. These data graphs can then be expanded on for your oral presentation.

For library research help, see our course library guide, [http://libguides.uvic.ca/FisheriesEcology](http://libguides.uvic.ca/FisheriesEcology)

**Biology**
Description of general biology and ecology of species

Distribution: range and geographic location of species/stock

Life history: General description (spawning, juvenile, adult habitats)

Growth: von Bert growth parameters?

Reproduction: age/size at maturity, iteroparous or semelparous, etc

**Fishery**
How is this species harvested (i.e. methods)?

Is it mainly commercial, recreational or subsistence?

What are the recent trends in catch?

What is the current status (e.g. is it declining?) of this species along its range?

Are there values of F, M?

**Management**
How is this species managed presently (i.e size limits, closed seasons etc)?

Are these controls based on sound biological data? Is the management successful?

What fishery models are used for assessment (i.e. yield-per-recruit, cohort analysis, etc)?

In your opinion, is this the best way to manage the species given its biology and its current status?

If the species is managed in differently in different areas, which of these do you consider best?

What other species may be important when considering management of your species (i.e. multispecies management implications)?