



**Aquaculture biomass:**

**a rich source of nutritional supplements to promote fitness and health**

**Extra activity.** What is the 'tragedy of the commons'?

The activity can be done separately or as a time-filler.

If you have watched the time-filler video at the end of Presentation 1, students will probably remember the concept of the 'tragedy of the commons'. If not, you may play the video after students complete this activity.

Hand out the first page of the *worksheet*. Students look at the worksheet and read the instructions.

Students try to calculate how many fish each villager should catch each day.

*Answer:* Each villager should catch just one fish each day.

Hand out the second page of the worksheet to illustrate the solution. Students read the text and explain the concept of the *Tragedy of the commons*.

*Ask: What other shared (open access) resources can you think of?*

*Possible answers:* fresh water, clean air, pastures (grazing land), forests (wood), energy, fossil fuels

Note: This activity is adapted from: Nicholas Amendolare. What is the tragedy of the commons? TED-Ed; 21 Nov 2017. Watch original video at: <https://www.youtube.com/watch?v=CxC161GvMPc>

**Extra idea:** Perform an overfishing simulation in the classroom. See activity (Video 1:32 min) at: <https://www.youtube.com/watch?v=5ZNoYitZJdM>