

Biodiversity Assessment: SNOWMOBILES in YELLOWSTONE

1. Scenario

You are the chief Park Planner for Yellowstone National Park in Wyoming. You need to recommend a solution to the big controversy surrounding the use of snowmobiles (motorized snow vehicles) in the park. After reading the background, come up with a solution that addresses all the points below. Be sure to follow all instructions. Ask questions of your instructor if you need to.

2. Background

Read background handout (class set) – can be viewed on website if you need to access outside of class.



3. Stakeholders

The “stakeholders” = who is affected by your solution. Be sure you address all 5 stakeholders.

1. Park rangers who use snowmobiles to do their work in the park.
2. The organisms (plants and animals) that live in the park.
3. Park visitors who are NOT snowmobilers.
4. Park visitors who like to use snowmobiles.
5. Local businesses who rent snowmobiles to park visitors.

4. Your Solution

NOW WRITE 1 PAGE IN YOUR JOURNAL!

- Explain your solution to the snowmobile problem in detail. What would you do?
- Make a strong argument that defends your solution.
- Explain WHY you chose to use these solutions and WHY you did not chose other possible solutions.
- Use what you've learned about the causes and effects of threats to biodiversity, and the different solutions we have discussed in class.
- Write at least 1 page in your journal. Please write as neatly as possible!
- Make sure your solution addresses concerns of all 5 stakeholders
- Feel free to add a labeled diagram to help me understand your solution.

5. Grading (20 points)

You will be graded as follows:

- Solution explained in detail (diagram is optional) 5 points
- Solution has a strong argument for why it is better than other solutions 5 points
- Solution refers to causes and effects on the area's biodiversity 5 points
- Solution addresses concerns of all 5 stakeholders 5 points