

Exercise Instructions

1. **Pretend that you are a land manager at {your property}.** Work in small groups to determine how to modify your invasive plant management strategy in the face of climate change.
2. **Choose top climate change effects.** Use materials provided for projected climatic changes in the region. Fill the top effects into the worksheet.
3. **Choose top wildlife benefits.** The worksheet includes several wildlife benefits. Fill in any additional benefits you want to include.
4. **Fill in values for each species.** Use the materials provided and your own knowledge of these plants. Use a “1” for a neutral or positive response to the climate change effect, and a “0” for a negative response or unknown. (Positive meaning the plant responds well to the climate change effect.) For wildlife benefits, use a “1” for providing the particular benefit and a “0” for not providing it. You may total scores if you wish, but it is up to you to decide if it’s useful for you.
5. **Determine potential management actions.** How do you expect each species will fare given expected climate change effects? Do some provide more meaningful wildlife benefit than others? Given this information, what might you want to change about your management priorities or control methods that’s different from “business as usual”? How would you address new species that will invade? What role might response of native species to climate change play in your decision-making?

Group discussion to follow:

- What climate change effects did your group choose and why?
- Did you add any additional wildlife benefits?
- What management ideas did you arrive at that are different from “business as usual”?
- How would you incorporate information on native plant species’ response to climate change?
- How can you apply this in your own site/region? What would differ by region?