

Appendix 1. Survey questions.

1. What type(s) of physical and biological management challenges does your office currently face? (Please check all that apply)

- Erosion
- Flooding
- Wetland Loss
- Air Quality
- Water Quality
- Climate Change
- Noise or Light Pollution
- Fire Management
- Species and Habitat Management
- Restoration from Fire or Other Disturbance
- Other (please specify)

2. What type(s) of other management challenges does your office currently face? (Please check all that apply)

- Stakeholder Conflicts
- Development of Adjacent Lands
- Lack of Funding
- Personnel Constraints
- Unpermitted Access on Closed Areas
- Participation in Unauthorized Activities
- Permitting Decisions
- Conflicting Mandates
- Other (please specify)

3. Which three of the issues listed in Questions 1 & 2 (physical, biological or other challenges) would you judge to be the most challenging for your office at present? (Please list in order of perceived priority)

1. _____
2. _____
3. _____

4. How would you rate the severity of the top management challenge (#1 in Question 3)? Please consider “severity” in terms of environmental and/or social/economic impacts.

The Top Management Challenge in My Office is:

- Not Serious at All
- Slightly Problematic
- Moderate
- Severe
- Very severe

5. Based on your knowledge and views, how might climate change impact public lands that are specifically managed by your office? Even if you have not previously considered the potential impacts of climate change on the public lands managed by your office, please offer your best estimate.

	Very Low Possibility	Low Possibility	Moderate Possibility	High Possibility	Don't Expect to Change	Don't Know
Increased Local Air Temperatures						
Increased Local Water Temperatures						
Changes in Local Runoff Timing						
More Local Flooding						
Less Local Flooding						
More Frequent Local Storms						
Less Frequent Local Storms						
Changes in Local Spawning Times of Species						
Decreases in Local Water Quality						
Decrease in Local Water Quantity						
Increase in Local Potential for Catastrophic Wildfire						
Positive Impacts on Local Ecosystems						
Negative Impacts on Local Wildlife						
Negative Impacts on Local						

Recreation						
Positive Impacts on Local Recreation						
Negative Impacts on Local Permittees						
Negative Impacts on Nearby Communities						
Positive Impacts on Nearby Communities						
Other (please specify) _____						

6. What, if any, changes has or will your office make in your management plans in response to climate change? (Please check all that apply)

- Update Flood Risk Maps
- Provide Additional Information / Educational Materials to the Public
- Changes in Locations of Activities Allowed
- Inventorying Greenhouse Gas Emissions (From Vehicles, Buildings etc.)
- Limiting / Reducing Emissions (From Vehicles, Buildings etc.)
- Reducing the Intensity of Land Use
- Changes in Types of Activities Allowed
- Forest Thinning/ Fuel Reduction
- Additional Measures to Protect Wildlife
- No Change in Response to Climate Change
- Other (please specify)

7. Has your local office developed strategies or plans to deal with the potential impacts from climate change?

- Yes, Plan is Currently Being Developed
- Yes, Plan is Being Carried Out
- No
- Don't Know

8. Which of the following statements regarding climate change do you agree with most?

- Climate change is real and already happening now

- Climate change is probably happening and we will start seeing impacts in the near future
- Climate change may become a problem in the longer term future
- Climate change is probably not happening now and will not cause problems in the future

9. In your opinion, how serious is the problem of climate change?

- Not Serious at All
- Somewhat Serious
- Serious
- Very Serious
- Don't Know

10. How well informed do you feel you are about climate change?

- Well Informed
- Moderately Informed
- Not Well Informed
- Not at All Informed
- Don't Know

11. From your perspective, what are the most important factors preventing you from planning for adaptation to climate change? (Please rank your top three choices with 1 being the most important)

	1	2	3
Budget Constraints			
Conflicting Mandates			
Lack of Information at Relevant Scales			
Lack of Specific Agency Direction			
Lack of Useful Information			
Not a High Priority in My Office			
Personnel Constraints			
Stakeholder Conflicts			
Uncertainty in Available Information			
Other (Please Specify) _____			

12. Whether or not your office has already taken action to prepare for the possible impacts of climate change, how much of a hurdle do you perceive the following issues to be in planning for climate change? (Please check one box per possible reason)

	Big Hurdle	Small Hurdle	Not a Hurdle
Lack of Public Awareness or Demand to Take Action			
Insufficient Staff Time to Get Informed About Issue, Gather Relevant Information			
Available Science is at the Wrong Scale			
Lack of Perceived Importance to Public			
Science is Difficult to Understand			
Insufficient Staff Resources to Analyze and Assess Relevant Information			
Legal Pressures to Maintain Status Quo			
Not a High Priority in My Office			
Lack of Social Acceptability of Strategies That Take Global Warming into Account			
Lack of Perceived Solution Options			
Science is Too Uncertain			
Budget Constraints			
No Legal Mandate to Take Global Warming Impacts Into Account			
Currently Pressing Issues are All-consuming			
Opposition from Stakeholder Groups			
Lack of "Best Available Science"			

13. Some actions taken in response to predicted changes in climate are similar to, or the same as, plans that are already in place for alternative reasons. For example, forest thinning is sometimes considered adaptation to climate change but often takes place for alternative reasons as well. To what degree will climate change adaptation plans differ from prior management plans?

- No Change
- Differ Slightly
- Differ Significantly
- Don't Know
- N/A

14. Which Federal land agency do you currently work for? (choose all that apply)

- BLM

- US Forest Service
- National Park Service
- US Fish and Wildlife Service
- Other (please specify)

15. Which of the following best describes the position you fill in your agency?

- Planner
- Field Practitioner / Technician
- Executive / Director
- Park / Forest Ranger
- Office Support
- Forest Supervisor
- Wildlife Manager
- Engineer
- Water Resources Manager
- Environmental Specialist
- Field Manager
- Staff Scientist
- Public Outreach / Education
- Recreation Planner / Technician / Specialist
- Other (please specify)

16. In an average week, approximately what percentage of your work deals with land management issues?

I spend the following amount of my time each week dealing with land management issues:

- None
- Under 20% (up to 1 day/week)
- 20 – 50% (approx. 1 – 2.5 days/ week)
- 50– 75% (approx. 2.5 – 4 days/ week)
- Over 75% (more than 4 days/ week)

17. How old are you?

18. Gender

- Male
- Female

19. Your race/ethnicity (Select one or more)

- White (nonhispanic)
- Asian / Pacific Islander
- Native American
- Black
- Hispanic
- Other

20. What is the highest level of education you have completed?

- Less Than 12th Grade (No Diploma)
- High School Graduate or Equivalent
- Some College, No Degree
- Associate's Degree
- Bachelor's Degree
- Graduate or Professional Degree

21. If applicable, what was your major in college?

- Biological Sciences
- Physical Sciences
- Social Sciences
- Business
- Engineering
- Humanities

22. How many years have you been employed by your agency?

23. How many years have you held the current position in which you are now employed?

24. Where is your office located?

State: _____

25. Which type of office do you work in?

- Regional Office
- District Office
- Research Station
- State Office
- Field Office
- Supervisors Office
- Other (please specify)