

Parks & Refuges Visitor Survey

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Which Park/Refuge are you visiting today?

☐ Arthur R. Marshall Loxahatchee National Wildlife Refuge

☐ Alligator River National Wildlife Refuge

☐ Assateague Island National Seashore

☒ Billy Frank Jr. Nisqually National Wildlife Refuge

☐ Biscayne National Park

☐ Canaveral National Seashore

☐ Cape Hatteras National Seashore

☐ Cuyahoga Valley National Park

☐ Death Valley National Park

☐ Don Edwards San Francisco Bay National Wildlife Refuge

☐ Edwin B. Forsythe National Wildlife Refuge

☐ Everglades National Park

☐ Fort Vancouver National Historic Site

☐ Glacier National Park

☐ Golden Gate National Recreation Area

☐ Grand Tetons National Park

☐ Harpers Ferry National Historic Park

☐ Joshua Tree National Park

☐ Lake Mead National Recreation Area

☐ Merritt Island National Wildlife Refuge

☐ Minnesota Valley National Wildlife Refuge

☐ Mount Rainier National Park

☐ National Elk Refuge

☐ Olympic National Park

☐ Ottawa National Wildlife Refuge

☐ Patuxent Research Refuge

☐ Pea Island National Wildlife Refuge

☐ Pictured Rocks National Lakeshore

☐ Rocky Mountain Arsenal National Wildlife Refuge

☐ Rocky Mountain National Park

☐ Valley Forge National Historical Park

☐ Yellowstone National Park

☐ Yosemite National Park

☐ Zion National Park

## Parks & Refuges Visitor Survey

**This survey is part of a research effort by the National Park Service, the U.S. Fish and Wildlife Service, Northern Michigan University, and Slippery Rock University. This study was approved by The Northern Michigan University Human Subjects Review Board, IRB Study Number: HS-24-121. Every question of the survey provides clear instructions. Please read them carefully before answering the questions. The National Park Service is authorized by 54 U.S.C. 100702 and the U.S. Fish and Wildlife Service is authorized by the National Wildlife Refuge System Administration Act of 1966 (16 U.S.C. 668dd-668ee) to collect this information. This collection involves a visitor survey to understand visitor perceptions and concerns about climate change to guide communication and engagement efforts. Your responses to this collection are completely voluntary and will remain anonymous. You can end the process at any time and will not be penalized in any way for choosing to do so. Data collected will only be reported in aggregates and no individually identifiable responses will be reported. A Federal agency may not conduct or sponsor, and you are not required to respond to, a collection of information unless it displays a currently valid OMB Control Number. Your response is not required to obtain or retain a benefit. OMB has approved this collection of information and assigned control number 1024-0291. The expiration date is 9/30/2027. Public reporting for this collection of information is estimated to be about 7 minutes per survey. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Information Collection Clearance Officer, National Park Service, 12201 Sunrise Valley Dr. (MS-242), Reston, VA 20192 or Service Information Clearance Officer, Fish and Wildlife Service, U.S. Department of the Interior, 5275 Leesburg Pike, MS: PRB (JAO/3W), Falls Church, VA 22041-3803, or via email at Info\_Coll@fws.gov. Thank you for your participation.**

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Is this your +rst visit to this Park/Refuge?

☐ Yes

☐ No

Please choose the issue you are most concerned about regarding this Park/Refuge.

☐ Air Pollution

☐ Water Pollution

☐ Climate Change

☐ Light Pollution

☐ Noise Pollution

☐ Invasive Species

☐ Overcrowding

How much do you agree or disagree with the following statements?

|  | Strongly Agree        | Agree                 | Neither Agree nor Disagree | Disagree              | Strongly Disagree     |
|--|-----------------------|-----------------------|----------------------------|-----------------------|-----------------------|
| The effects of climate change can already be seen at this Park/Refuge                                      | <input type="radio"/> | <input type="radio"/> | <input type="radio"/>      | <input type="radio"/> | <input type="radio"/> |
| I would like to learn more about climate change topics in this Park/Refuge                                 | <input type="radio"/> | <input type="radio"/> | <input type="radio"/>      | <input type="radio"/> | <input type="radio"/> |
| Relative to other topics, sharing climate change information should be a high priority at this Park/Refuge | <input type="radio"/> | <input type="radio"/> | <input type="radio"/>      | <input type="radio"/> | <input type="radio"/> |

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Have you received any climate change information about this Park/Refuge?

☒ Yes

☐ No

During your visit, how interested are you in learning about climate change topics at this Park/Refuge through the following sources?

|  | Very Interested       | Interested            | Neutral               | Not very Interested   | Not at all Interested |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Exhibits (indoor, roadside, trailside)             | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Ranger and staff-guided walks/talks/tours          | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Informal conversations with rangers and park staff | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| In-park videos, Flms, movies                       | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Printed materials (brochures, books, maps, etc.)   | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Cell phone or audio tours                          | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
|  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Park/Refuge website                                | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Social media (Facebook, X, Instagram, etc.)        | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Online videos, Flms, movies, podcasts              | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

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Please indicate your level of interest in learning how climate change is affecting...

|   | Very Interested       | Interested            | Neutral               | Not very Interested   | Not at all Interested |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| WILDLIFE in this Park/Refuge  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| PLANTS AND NATURAL FEATURES (forest, lakes, rivers, etc.) in this Park/Refuge   | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| CULTURAL AND HISTORICAL FEATURES (historical Indigenous sites, historical buildings, archaeology, etc.) in this Park/Refuge | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| PEOPLE (visitor safety, staff safety, human health, visitor experience, etc.) in this Park/Refuge                           | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| FACILITIES (park buildings, roads, etc.) in this Park/Refuge  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| NEIGHBORING COMMUNITIES (Indigenous people, local communities)  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

Please indicate your level of interest in learning about...

|   | Very Interested       | Interested            | Neutral               | Not very Interested   | Not at all Interested |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| SCIENTIFIC RESEARCH on climate change in this Park/Refuge | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

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How much do you agree or disagree with the following possible actions to adapt to climate change in ANY park/refuge?

|   | Strongly Agree        | Agree                 | Neither Agree nor Disagree | Disagree              | Strongly Disagree     | Don't Know            |
|---|-----------------------|-----------------------|----------------------------|-----------------------|-----------------------|-----------------------|
| Wrap iconic trees in fire resistant materials as wildfire approaches.                     | <input type="radio"/> | <input type="radio"/> | <input type="radio"/>      | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Allow grasses and bushes to replace forests after wildfires rather than replanting trees. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/>      | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Relocate plants and animals to new areas to protect them from hotter conditions.          | <input type="radio"/> | <input type="radio"/> | <input type="radio"/>      | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Build seawalls around staff housing to protect against sea level rise.                    | <input type="radio"/> | <input type="radio"/> | <input type="radio"/>      | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Move historic lighthouses inland to protect against sea level rise.                       | <input type="radio"/> | <input type="radio"/> | <input type="radio"/>      | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Invest in structures for visitor use that can be moved if a hurricane is approaching.     | <input type="radio"/> | <input type="radio"/> | <input type="radio"/>      | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Abandon maintenance of roads and trails at repeated risk from Flooding.                   | <input type="radio"/> | <input type="radio"/> | <input type="radio"/>      | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Document (but don't remove) archeological artifacts at imminent risk from Flooding.       | <input type="radio"/> | <input type="radio"/> | <input type="radio"/>      | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Remove archeological artifacts at imminent risk from Flooding to store in museums.        | <input type="radio"/> | <input type="radio"/> | <input type="radio"/>      | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

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Please indicate whether you have ever done any of the following in ANY Park/Refuge

|   | Yes                   | No                    |
|---|-----------------------|-----------------------|
| Visited a park/refuge to see iconic features or species that may disappear because of climate change (such as glaciers, Joshua trees, or puffins) | <input type="radio"/> | <input type="radio"/> |
| Avoided places that have been impacted by climate change (such as places with lots of dead trees from Dres or pests like pine beetles)            | <input type="radio"/> | <input type="radio"/> |
| Visited a park/refuge to experience extreme weather conditions (like extreme heat in Death Valley)  | <input type="radio"/> | <input type="radio"/> |

Because of extreme weather conditions (like wildDre/smoke, extreme heat, Hooding, hurricanes, etc.) I have...

|  | Yes                   | No                    |
|--|-----------------------|-----------------------|
| Canceled a trip to a park/refuge   | <input type="radio"/> | <input type="radio"/> |
| Visited a park/refuge less often   | <input type="radio"/> | <input type="radio"/> |
| Changed the timing of a visit (to a different day or season)   | <input type="radio"/> | <input type="radio"/> |
| Changed what I did while visiting a park/refuge (like not hiking on a very hot day, or not camping because of Hooding) | <input type="radio"/> | <input type="radio"/> |

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Have you noticed any efforts to reduce greenhouse gas emissions (renewable energy, hybrid or electric vehicles, mass transit, LEED-certified buildings, etc.) at this Park/Refuge?

☐ Yes

☒ No

How much do you agree or disagree with efforts to reduce greenhouse gas emissions at this Park/Refuge?

☐ Strongly Agree

☐ Agree

☐ Neither Agree nor Disagree

☐ Disagree

☐ Strongly Disagree

How worried are you about climate change?

☐ Very Worried

☐ Somewhat Worried

☐ Not Very Worried

☐ Not at all Worried

How important is the issue of climate change to you personally?

☐ Extremely Important

☐ Very Important

☐ Somewhat Important

☐ Not too Important

☐ Not at all Important

How much do you think climate change will harm the following?

|                              | A Great Deal          | A Moderate Amount     | Only a Little         | Not at all            | Don't know            |
|------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| You personally               | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Future generations of people | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| This Park/Refuge             | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |



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Please help us to better understand our audience by answering the following questions.

Are you a resident of the United States?

☐ Yes

☐ No

☐ Do not wish to answer

What is your age?

☐ 18 - 24 years old

☐ 25 - 34 years old

☐ 35 - 44 years old

☐ 45 - 54 years old

☐ 55 - 64 years old

☐ 65 - 74 years old

☐ 75 years or older

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What is the highest level of formal education you have completed?  
Please select only one response.

☐ Less than high school/Some high school

☐ High school graduate

☐ Vocation/trade school certiícate

☐ Some college

☐ Associates degree

☐ Bachelor's degree (BA, AB, BS, etc.)

☐ Master's degree (MA, MS, Med, MSW, MBA, etc.)

☐ Professional degree (MD, DDS, DVM, LLB, JD, etc.)

☐ Doctorate degree (PhD. EdD. etc.)

☐ Do not wish to answer

Are you Hispanic or Latino?

☐ Yes

☐ No

☐ Do not wish to answer

Which of these categories best indicates your race? Please select one or more.

☐ American Indian or Alaska Native

☐ Asian

☐ Black or African American

☐ Native Hawaiian

☐ White

☐ Other race or ethnicity

☐ Do not wish to answer

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Thank you for taking our survey! Please return this tablet to the researcher.

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Submit

