



## PROGRAMMATIC REVIEW AND CLEARANCE PROCESS FOR NPS-SPONSORED PUBLIC SURVEYS



The scope of the Programmatic Review and Clearance Process for NPS-Sponsored Public Surveys is limited and will only include individual surveys of park visitors, potential park visitors, and residents of communities near parks. Use of the programmatic review will be limited to non-controversial surveys of park visitors, potential park visitors, and/or residents of communities near parks that are not likely to include topics of significant interest in the review process. Additionally, this process is limited to non-controversial information collections that do not attract attention to significant, sensitive, or political issues. Examples of significant, sensitive, or political issues include: seeking opinions regarding political figures; obtaining citizen feedback related to high-visibility or high-impact issues like the reintroduction of wolves in Yellowstone National Park, the delisting of specific Endangered Species, or drilling in the Arctic National Wildlife Refuge.

**SUBMISSION DATE:** 5/20/2019

**PROJECT TITLE:** Ethnographic Overview and Assessment (EOA) of Ranching and Agriculture in Capitol Reef National Park

**ABSTRACT:** (not to exceed 150 words)

The project's major objective is to evaluate existing historic and existing ethnographic information from ranchers, resource managers, and park staff about ranching at Capitol Reef before and after the park was established to facilitate park management of resources as well as build and enhance stakeholder relationships.

### PRINCIPAL INVESTIGATOR CONTACT INFORMATION:

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### PARK OR PROGRAM LIAISON CONTACT INFORMATION:

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### PROJECT INFORMATION:

Where will the collection take place? Capitol Reef National Park (Enter Name of NPS site)

Sampling Period Start Date: July 1, 2019 Sampling Period End Date: December 31, 2019

Type of Information Collection Instrument: (Check ALL that Apply)

- Mail-Back Questionnaire     Face-to-Face Interview     Focus Groups  
 On-Site Questionnaire     Telephone Survey  
 Other (List)

Will an electronic device be used to collect information?  No  Yes - Type of Device: digital recorder

### SURVEY JUSTIFICATION:

*Social science research in support of park planning and management is mandated in the NPS Management Policies 2006 (Section 8.11.1, "Social Science Studies"). The NPS pursues a policy that facilitates social science studies in support of the NPS mission to protect resources and enhance the enjoyment of present and future generations (National Park Service Act of 1916, 38 Stat 535, 16 USC 1, et seq.). NPS policy mandates that social science research will be used to provide an understanding of park visitors, the non-visiting public, gateway communities and regions, and human interactions with park resources. Such studies are needed to provide a scientific basis for park planning and development.*

The public purpose of the ethnographic overview of ranching and agriculture on Capitol Reef National Park (CARE) is to broaden and deepen the interpretation of past and present agrarian practices in the Park by documenting the cultural and ecological knowledge of the ranching community about the landscapes and ecosystems of Capitol Reef. The information, product and/or services identified and developed by this project will be employed to increase public awareness, knowledge, and support for the historic preservation and stewardship of historical and natural resources related to ranching and agriculture at the park. It will also contribute to a better understanding of the values and practices of past and present ranchers on Capitol Reef in order to reduce conflicts among ranchers, conservationists, and other members of the public and to inform the management of the park's cultural and natural resources, thereby helping the Park "be a better neighbor with those closest to our resources by improving dialogue and relationships with persons and entities bordering our lands". The information from this project will also provide external researchers and the scientific community with new knowledge about ranching's historical, cultural, and ecological importance to the park and will assist with the creation, promotion, facilitation and improvement of the public understanding of ranching and the role of agricultural working landscapes in the at the park in particular and the American West in general. To achieve this, the Principal Investigator will present his research to park staff and local communities neighboring the park.

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**SURVEY METHODOLOGY:**

**(A) Respondent Universe:**

Ranchers in and around Capitol Reef National Park. NPS and other Federal and state land managers in and around Capitol Reef. Leaders in surrounding communities.

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**(B) Sampling Plan / Procedures:**

We plan to interview and conduct oral histories with all ranchers who currently graze or trail their livestock on Capitol Reef National Park. Working with NPS staff we will use snowball sampling methods to create a list of 60 ranchers and farmers who formerly ran livestock or farmed on Capitol Reef. We will also interview NPS, BLM and Forest Service federal land managers who have dealt with ranchers and farmers and on lands nearby. Finally, we will interview a small sample of community known leaders (n=25) in surrounding towns to assess the cultural and economic importance of ranching and agriculture on Capitol Reef and the surrounding private, state, and federal lands.

| Respondent group  | Initial Contacts | Acceptance |
|-------------------|------------------|------------|
| Local Ranchers    | 30               | 10         |
| Local Farmers     | 30               | 10         |
| Community Leaders | 20               | 10         |
| TOTAL             | 80               | 30         |

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**(C) Instrument Administration:**

All interviews and oral histories will be conducted by the Principal Investigator. After receiving an initial list of ranchers, land managers, and community leaders from NPS staff, I will email all individuals on the list, or contact them by phone if they don't use email, to explain the project to them and to set a tentative date for an interview when I am at Capitol Reef in Fall 2019. I will contact them again when I arrive. All interviews will be conducted in people's homes or in their offices. All individuals who agree to be interviewed will be asked to sign written Informed Consent forms per University of Arizona IRB standards. Interviews will be anonymous and identifiers will be removed from both written and recorded records of the interviews. Coding will be kept by the Principal Investigator in a secure file at the Southwest Center of the University of Arizona separate from the interview data themselves. The interview process will take approximately than 90 minutes.

**(D) Expected Response Rate / Confidence Level:**

The response rate for this collection is based on similar studies conducted by the principle investigator. Assuming a 33% response rate, we will need to contact approximately 80 individuals. The proposed sample sizes will be adequate for the purposes of providing qualitative feedback to the park managers related to the history of ranchers in the community.

**Table 3. Anticipated Response Rates**

| Respondent group  | Initial Contacts | Acceptance | Non-respondents (Soft refusals) | Non-response survey | Hard Refusals |
|-------------------|------------------|------------|---------------------------------|---------------------|---------------|
| Local Ranchers    | 30               | 10         | 20                              | 5                   | 15            |
| Local Farmers     | 30               | 10         | 20                              | 5                   | 15            |
| Community Leaders | 20               | 10         | 10                              | 5                   | 5             |
| TOTAL             | 0                | 30         | 0                               | 0                   | 0             |

**(E) Strategies for dealing with potential non-response bias:**

During the initial contact, the interviewer will ask each visitor to answer three questions taken from the survey. The following questions will be the non-response bias check for this collection:

1. How long has your family been ranching in and around Capitol Reef?
2. Did your family ranch at Capitol Reef before it became a National Park?
3. Did your family own property in what later became Capitol Reef National Park?

The results of the non-response bias check will be described in a report and any implications for park planning and management will be discussed.

**(F) Description of any pre-testing and peer review of the methods and/or instrument:**

The Interview questionnaire has been vetted by Capitol Reef’s Chief of Resource Management and Science. Because of his input, some questions were clarified and made more specific. Based on their review an additional question on homesteads and property transmission was added.

**BURDEN ESTIMATES:**

Overall, we plan to approach 80 individuals during the sampling period. We anticipate that 33% (n=30) of the ranchers contacted will agree to participate and 50% (n=10) of the local community leaders will agree to participate in the interviews. We expect that 62% (50) of those asked will refuse to participate and for those individuals, we record their reason for refusal. Of all the visitors refusing to accept the invitation (n=50) we will ask if they would be willing to answer the three questions that will serve as the non-response bias check for this collection. We expect that 30% (n=15) o will agree to answer the non-response bias questions. We anticipate that the time to complete the non-response bias

check will take an additional minute, resulting less than one hour of respondent burden for the non-response survey. The respondent burden for this collection is estimated in table below (Table 4).

**Table 4. Respondent Burden Estimates**

| Respondent group        | Responses | Completion Time (average) | Burden Hours (rounded up) |
|-------------------------|-----------|---------------------------|---------------------------|
| Local Ranchers          | 10        | 90 minutes                | 15                        |
| Local Farmers           | 10        | 90 minutes                | 15                        |
| Community Leaders       | 10        | 90 minutes                | 15                        |
| Non-response Bias Check | 15        | 2 minutes                 | .5                        |
| TOTAL                   | 0         |                           | 45                        |

**REPORTING PLAN:**

The project final report will also be shared with the larger scientific and resource management community through the Integrated Resource Management Applications (IRMA) website. The Principal Investigator will keep the Chief of Resource Management and Science at Capitol Reef apprised of his progress. He will let him know how many respondents were initially contacted and what their responses were. He will also develop an initial schedule of interviews and oral histories before arriving at Capitol Reef in October 2019. A report on progress and budget will be filed by December 31, 2019, and a draft of the EOA will be completed by April 1 and submitted to the Chief of Resource Management and Science.

## NOTICES

### Privacy Act Statement

**General:** This information is provided pursuant to Public Law 93-579 (Privacy Act of 1974), December 21, 1984, for individuals completing this form.

**Authority:** National Park Service Research mandate (54 USC 100702)

**Purpose and Uses:** This information will be used by The NPS Information Collections Coordinator to ensure appropriate documentation of information collections conducted in areas managed by or that are sponsored by the National Park Service.

**Effects of Nondisclosure:** Providing information is mandatory to submit Information Collection Requests to Programmatic Review Process.

### Paperwork Reduction Act Statement

We are collecting this information subject to the Paperwork Reduction Act (44 U.S.C. 3501) and is authorized by the National Park Service Research mandate (54 USC 100702). This information will be used by The NPS Information Collections Coordinator to ensure appropriate documentation of information collections conducted in areas managed by or that are sponsored by the National Park Service. All parts of the form must be completed in order for your request to be considered. We may not conduct or sponsor and you are not required to respond to, this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number. OMB has reviewed and approved The National Park Service Programmatic Review Process and assigned OMB Control Number 1024-0224.

### Estimated Burden Statement

Public Reporting burden for this form is estimated to average 60 minutes per collection, including the time it takes for reviewing instructions, gathering information and completing and reviewing the form. This time does not include the editorial time required to finalize the submission. Comments regarding this burden estimate or any aspect of this form should be sent to the Information Collection Clearance Coordinator, National Park Service, 1201 Oakridge Dr., Fort Collins, CO 80525.