

Papahānaumokuākea Marine National Monument
EDUCATION Permit Application

NOTE: *This Permit Application (and associated Instructions) are to propose activities to be conducted in the Papahānaumokuākea Marine National Monument. The Co-Trustees are required to determine that issuing the requested permit is compatible with the findings of Presidential Proclamation 8031. Within this Application, provide all information that you believe will assist the Co-Trustees in determining how your proposed activities are compatible with the conservation and management of the natural, historic, and cultural resources of the Papahānaumokuākea Marine National Monument (Monument).*

ADDITIONAL IMPORTANT INFORMATION:

- Any or all of the information within this application may be posted to the Monument website informing the public on projects proposed to occur in the Monument.
- In addition to the permit application, the Applicant must either download the Monument Compliance Information Sheet from the Monument website OR request a hard copy from the Monument Permit Coordinator (contact information below). The Monument Compliance Information Sheet must be submitted to the Monument Permit Coordinator after initial application consultation.
- Issuance of a Monument permit is dependent upon the completion and review of the application and Compliance Information Sheet.

INCOMPLETE APPLICATIONS WILL NOT BE CONSIDERED

Send Permit Applications to:
NOAA/Inouye Regional Center
NOS/ONMS/PMNM/Attn: Permit Coordinator
1845 Wasp Blvd, Building 176
Honolulu, HI 96818
nwhipermit@noaa.gov
PHONE: (808) 725-5800 FAX: (808) 455-3093

SUBMITTAL VIA ELECTRONIC MAIL IS PREFERRED BUT NOT REQUIRED. FOR ADDITIONAL SUBMITTAL INSTRUCTIONS, SEE THE LAST PAGE.

Papahānaumokuākea Marine National Monument Permit Application Cover Sheet

This Permit Application Cover Sheet is intended to provide summary information and status to the public on permit applications for activities proposed to be conducted in the Papahānaumokuākea Marine National Monument. While a permit application has been received, it has not been fully reviewed nor approved by the Monument Management Board to date. The Monument permit process also ensures that all environmental reviews are conducted prior to the issuance of a Monument permit.

Summary Information

Applicant Name: Kate Raisz

Affiliation: Schoolyard Films

Permit Category: Education

Proposed Activity Dates: November 1, 2020 to December 31, 2022

Proposed Method of Entry (Vessel/Plane): Plane

Proposed Locations: Midway National Wildlife Refuge

Estimated number of individuals (including Applicant) to be covered under this permit: 4

Estimated number of days in the Monument: 10

Description of proposed activities: (complete these sentences):

a.) The proposed activity would...

The proposed activity is at the heart of a film "Amazing Albatross"(working title) that reveals the triple threats to ocean life of marine debris, invasive species and sea level rise through the story of the keystone species of Laysan Albatross. The film will be produced by the non-profit Schoolyard Films and will be distributed for free to students throughout the US.

"Amazing Albatross" focuses on the collaborative work of three National Wildlife Refuges (Midway, James Campbell, and Kilauea Point) to ensure the ongoing survival of the Laysan Albatross. The story will be told through the eyes of a native Hawaiian teenager who has fallen in love with the mōlī, (Laysan albatross), a bird that like the teen's ancestors, is a master navigator.

The teen will interact with elders to learn about the mōlī's role in Hawaiian culture. On Kauai and Oahu, the teen will participate in the translocation efforts of National Wildlife Refuge staff and volunteers to address the challenge of sea level rise. And in the

classroom, the teen will engage in dissecting a bolus to see first-hand the threat of plastic pollution.

The film will also present the history of the Midway National Wildlife Refuge and its role at the heart of the vital marine protected area, Papahānaumokuākea National Marine Monument.

b.) To accomplish this activity we would

Independently contract a plane to access Midway. We propose filming the following scenes on Midway:

- Laysan albatross courtship dance
- Laysan albatross colony nesting areas
- Laysan albatross in flight
- Wisdom (if she arrives during our filming)
- Marine debris on beaches
- Marine debris in the water
- Other seabirds: Black-footed albatross, boobies, terns, shearwaters, etc.
- General scenics

c.) This activity would help the Monument by ...

Informing schoolchildren across the US about the value of the protected areas and wildlife refuges in the conservation of such awe-inspiring birds as the albatross.

Other information or background:

Schoolyard Films educates students in K-12 schools about the natural world and the challenges it faces by providing schools with high quality natural history programming and study guides that reinforce state and national science standards - all FREE of charge. Our vision is to be the resource teachers turn to for engaging films that bring the natural world into the classroom. Through Schoolyard Films we will educate and inspire, while promoting environmental awareness and good stewardship of the planet. Schoolyard Films, Inc. is a non-profit 501(c)3 charity. Tax deductible donations pay for our work. With little overhead costs, the vast majority of our funding goes straight to our film production budgets. This enables us to make the best quality programs we can and deliver them for free via the internet.

Section A - Applicant Information

1. Applicant

Name (last, first, middle initial): Raisz, Katherine M

Title: Producer/Director/Writer

1a. Intended field Principal Investigator (See instructions for more information):

Raisz, Katherine M

2. Mailing address (street/P.O. box, city, state, country, zip):

[REDACTED]

Phone:

[REDACTED]

Fax:

[REDACTED]

Email:

[REDACTED]

For students, major professor's name, telephone and email address:

3. Affiliation (institution/agency/organization directly related to the proposed project):

Schoolyard Films

4. Additional persons to be covered by permit. List all personnel roles and names (if known at time of application) here (e.g. John Doe, Teacher; Jane Doe, Videographer):

Tom Fitz, Executive Producer/Cinematographer

Dragana Connaughton, Executive Producer/Stills Photographer

Phoebe Fitz, Production Assistant

Section B: Project Information

5a. Project location(s):

- | | | | |
|---|--|---|-------------------------------------|
| <input type="checkbox"/> Nihoa Island | <input type="checkbox"/> Land-based | <u>Ocean Based</u> | |
| <input type="checkbox"/> Necker Island (Mokumanamana) | <input type="checkbox"/> Land-based | <input type="checkbox"/> Shallow water | <input type="checkbox"/> Deep water |
| <input type="checkbox"/> French Frigate Shoals | <input type="checkbox"/> Land-based | <input type="checkbox"/> Shallow water | <input type="checkbox"/> Deep water |
| <input type="checkbox"/> Gardner Pinnacles | <input type="checkbox"/> Land-based | <input type="checkbox"/> Shallow water | <input type="checkbox"/> Deep water |
| <input type="checkbox"/> Maro Reef | | | |
| <input type="checkbox"/> Laysan Island | <input type="checkbox"/> Land-based | <input type="checkbox"/> Shallow water | <input type="checkbox"/> Deep water |
| <input type="checkbox"/> Lisianski Island, Neva Shoal | <input type="checkbox"/> Land-based | <input type="checkbox"/> Shallow water | <input type="checkbox"/> Deep water |
| <input type="checkbox"/> Pearl and Hermes Atoll | <input type="checkbox"/> Land-based | <input type="checkbox"/> Shallow water | <input type="checkbox"/> Deep water |
| <input checked="" type="checkbox"/> Midway Atoll | <input checked="" type="checkbox"/> Land-based | <input checked="" type="checkbox"/> Shallow water | <input type="checkbox"/> Deep water |
| <input type="checkbox"/> Kure Atoll | <input type="checkbox"/> Land-based | <input type="checkbox"/> Shallow water | <input type="checkbox"/> Deep water |
| <input type="checkbox"/> Other | | | |

NOTE: Shallow water is defined by water less than 100 meters in depth.

- Remaining ashore on any island or atoll (with the exception of Sand Island at Midway and field camp staff on other islands/atolls) between sunset and sunrise.

NOTE: There is a fee schedule for people visiting Midway Atoll National Wildlife Refuge via vessel and aircraft.

Location Description:
 Midway National Wildlife Refuge

5b. Check all applicable regulated activities proposed to be conducted in the Monument:

- Removing, moving, taking, harvesting, possessing, injuring, disturbing, or damaging any living or nonliving Monument resource
- Drilling into, dredging, or otherwise altering the submerged lands other than by anchoring a vessel; or constructing, placing, or abandoning any structure, material, or other matter on the submerged lands
- Anchoring a vessel
- Deserting a vessel aground, at anchor, or adrift
- Discharging or depositing any material or matter into the Monument
- Touching coral, living or dead
- Possessing fishing gear except when stowed and not available for immediate use during passage without interruption through the Monument
- Attracting any living Monument resource
- Sustenance fishing (Federal waters only, outside of Special Preservation Areas, Ecological Reserves and Special Management Areas)
- Subsistence fishing (State waters only)
- Swimming, snorkeling, or closed or open circuit SCUBA diving within any Special Preservation Area or Midway Atoll Special Management Area

6. Purpose/Need/Scope *State purpose of proposed activities:*

Schoolyard Films inspire students to take action to preserve the natural world. Our films transport people to places that they are unlikely to be able to visit in their own lives. We celebrate the soaring beauty of biodiversity but also acknowledge the threats to species not our own. The goal is to have viewers become stewards of the planet.

Schoolyard Films has a long-track record of nearly a dozen films ranging from subjects such as Florida's aquifer (<https://vimeo.com/271610616>) to humpback whales in Hawaii (<https://vimeo.com/271429629>).

Each film features young people interacting with scientists. Study guides are provided to teachers to deepen students' understanding of the subject matter.

*Considering the purpose of the proposed activities, do you intend to film / photograph federally protected species? Yes No

If so, please list the species you specifically intend to target.

For a list of terrestrial species protected under the Endangered Species Act visit:

<http://www.fws.gov/endangered/>

For a list of marine species protected under the Endangered Species Act visit:

<http://www.nmfs.noaa.gov/pr/species/esa/>

For information about species protected under the Marine Mammal Protection Act visit:

<http://www.nmfs.noaa.gov/pr/laws/mmpa/>

7. Answer the Findings below by providing information that you believe will assist the Co-Trustees in determining how your proposed activities are compatible with the conservation and management of the natural, historic, and cultural resources of the Monument:

The Findings are as follows:

a. How can the activity be conducted with adequate safeguards for the cultural, natural and historic resources and ecological integrity of the Monument?

No activities will be performed in the vicinity of known historical resources. If any such resources are discovered in the course of these proposed activities, their location(s) will be noted and reported to appropriate experts and authorities. Our filming activities will cease immediately, and will be continued in another area. No wildlife will be collected, attracted, or disturbed by this work. No collections of specimens are required by this work.

b. How will the activity be conducted in a manner compatible with the management direction of this proclamation, considering the extent to which the conduct of the activity may diminish or enhance Monument cultural, natural and historic resources, qualities, and ecological integrity, any indirect, secondary, or cumulative effects of the activity, and the duration of such effects? The proposed activities will support the PMNM Management Plan's Marine Conservation Science action plan, which states that PMNM will "Include an educational component in marine research expeditions" (Activity MCS-3.3). We understand that all natural resources are also cultural resources, and we believe that our activities will have no detrimental impacts to those resources. Indeed, the purpose of the proposed activity is to highlight the special nature of the NWHI and its natural/cultural resources, and their need for the protections codified in the presidential executive orders and proclamations that created and expanded PMNM and its precursor, the NWHI Coral Reef Ecosystem Reserve.

c. Is there a practicable alternative to conducting the activity within the Monument? If not, explain why your activities must be conducted in the Monument.
No because we are featuring the albatross colonies located in the Monument.

d. How does the end value of the activity outweigh its adverse impacts on Monument cultural, natural and historic resources, qualities, and ecological integrity?
Educational outreach builds support for the Monument's ongoing work.

e. Explain how the duration of the activity is no longer than necessary to achieve its stated purpose.
We believe 10 days is the minimum amount of time to get the footage necessary for our film.

f. Provide information demonstrating that you are qualified to conduct and complete the activity and mitigate any potential impacts resulting from its conduct.
We are natural history filmmakers with more than 60 years of combined experience filming in sensitive ecological areas. See attached resumes.

g. Provide information demonstrating that you have adequate financial resources available to conduct and complete the activity and mitigate any potential impacts resulting from its conduct.
Schoolyard Films has raised funds sufficient to cover all costs of filming.

h. Explain how your methods and procedures are appropriate to achieve the proposed activity's goals in relation to their impacts to Monument cultural, natural and historic resources, qualities, and ecological integrity.
Our filming practices are always done with careful consideration of the integrity of locations such as the Monument.

i. Has your vessel been outfitted with a mobile transceiver unit approved by OLE and complies with the requirements of Presidential Proclamation 8031?
Not applicable.

j. Demonstrate that there are no other factors that would make the issuance of a permit for the activity inappropriate.

No other factors impede the issuance of a permit.

8. Procedures/Methods:

Schoolyard uses state-of-art production equipment for our films. This includes 8K RED video camera, stereo audio recording, drone, and DSLR still cameras. We also propose to bring a video camera in an underwater housing for footage acquired through snorkeling.

NOTE: If land or marine archeological activities are involved, contact the Monument Permit Coordinator at the address on the general application form before proceeding.

9a. Collection of specimens - collecting activities (would apply to any activity): organisms or objects (List of species, if applicable, attach additional sheets if necessary):

Common name:

Scientific name:

& size of specimens:

Collection location:

Whole Organism Partial Organism

9b. What will be done with the specimens after the project has ended?

9c. Will the organisms be kept alive after collection? Yes No

• Specific site/location:

• Is it an open or closed system? Open Closed

• Is there an outfall? Yes No

• Will these organisms be housed with other organisms? If so, what are the other organisms?

• Will organisms be released?

10. If applicable, how will the collected samples be transported out of the Monument?

11. Is your proposed activity based on a State Department of Education Standards Based Curriculum? If so, describe:

12. If applicable, describe how you are collaborating with others in any way to reduce duplicative activities in the Monument or elsewhere?

13. What materials, products or deliverables will be developed as a result of your proposed activity? Provide a time line for write-up and publication of information or production of educational materials:

We will be writing a script and editing the film in the first two quarters of 2021 with a proposed release date of September 2021.

14. List all specialized gear and materials to be used in this activity:

RED Camera equipment; still camera; sound recording devices.

15. List all Hazardous Materials you propose to take to and use within the Monument:

None.

16. Describe any fixed installations and instrumentation proposed to be set in the Monument:

None.

17. List all Applicants' publications/references directly related to the proposed project:

See attached resumes

With knowledge of the penalties for false or incomplete statements, as provided by 18 U.S.C. 1001, and for perjury, as provided by 18 U.S.C. 1621, I hereby certify to the best of my abilities under penalty of perjury of that the information I have provided on this application form is true and correct. I agree that the Co-Trustees may post this application in its entirety on the Internet. I understand that the Co-Trustees will consider deleting all information that I have identified as “confidential” prior to posting the application.

Signature

Date

**SEND ONE SIGNED APPLICATION VIA MAIL TO THE MONUMENT OFFICE
BELOW:**

NOAA/Inouye Regional Center
NOS/ONMS/PMNM/Attn: Permit Coordinator
1845 Wasp Blvd, Building 176
Honolulu, HI 96818
FAX: (808) 455-3093

DID YOU INCLUDE THESE?

- Applicant CV/Resume/Biography
- Intended field Principal Investigator CV/Resume/Biography
- Electronic and Hard Copy of Application with Signature
- Statement of information you wish to be kept confidential
- Material Safety Data Sheets for Hazardous Materials