

National Park Service  
U.S. Department of the Interior

Hawai'i Volcanoes National Park  
September 2022



# Hawai'i Volcanoes Disaster Recovery Project

## Public Comment Summary and Comment Analysis Report

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# 1 INTRODUCTION

Hawai'i Volcanoes National Park (Hawai'i Volcanoes) and the U.S. Geological Survey (USGS) led a public comment process on the draft Environmental Assessment (EA) from July 1 to July 31, 2022 to seek community input on the proposed Hawai'i Volcanoes Disaster Recovery Project and the impacts as disclosed in the EA. A total of 31 pieces of correspondence from three states were received during the public comment period. This report summarizes the comments received and discloses how they were organized to prepare for response. This report does not contain responses to the comments received. The responses will be provided as part of the Finding of No Significant Impact.

The intent of the project is to repair and/or replace critical park infrastructure and USGS-operated facilities and equipment damaged during the 2018 eruption and summit collapse of Kīlauea volcano. The project addresses potential future use of the Uēkahuna bluff area and other park sites. Uēkahuna bluff is an area of geologic, natural, and cultural significance and is regarded as sacred by Native Hawaiians and other groups.

Beginning in May 2018, the summit of Kīlauea at Hawai'i Volcanoes National Park (the park) underwent a major change as magma drained from the chamber beneath Halema'uma'u crater, and the caldera began to collapse, triggering thousands of felt earthquakes and clouds of rock and ash that did not cease until early August. Strong seismic activity was primarily centered near the crater. This impacted buildings in the immediate vicinity on Uēkahuna bluff, including the Jaggar Museum (a visitor center) and the Reginald T. Okamura (Okamura) building of the U.S. Geological Survey (USGS) Hawaiian Volcano Observatory (HVO) facility, resulting in the current closure of the area. Damage to buildings further away was minimal. Buildings located at the main National Park Service complex at the north edge of the caldera, including the Volcano House Hotel and the existing Kīlauea Visitor Center/Headquarters (KVC/HQ), received minimal to no damage.

The results of an initial post-disaster assessment conducted in October 2018 found that significant investment would be necessary to make Jaggar Museum and the USGS HVO-operated Reginald T. Okamura building safe to occupy and operational. Most importantly, the buildings are surrounded by fault lines and the area continues to subside on the crater side, undermining slope stability at the existing terraces and building foundations.

The loss of the HVO-occupied Okamura and Annex buildings at Uēkahuna bluff in 2018 forced HVO to relocate the majority of its personnel and equipment to Hilo, Hawai'i, as well as other satellite locations. Critical radio and telemetry infrastructure remain intact and will continue to function near the site of the Okamura building. However, it has been determined that a field station to support operations within the park would need to be constructed in a more stable area. This facility would house HVO and USGS staff from the Pacific Island Ecosystems Research Center (PIERC) when they are conducting fieldwork and crisis response activities in the Kīlauea summit area.

## 1.1 Public Comment Period

To slow the spread of COVID-19, public comment meetings were conducted using as many methods as possible to allow public comment, but without the use of in-person meetings. Comments on the EA and the project were accepted starting July 1 and the comment period ended July 31, 2022. The National Park Service also implemented a dedicated phone line specifically to receive comments, request hard copies of the materials, or request a call back.

The National Park Service and the USGS will incorporate comments made during the public comment period to finalize decisions on the project.

### **1.1.1 Agency Outreach**

On July 1, 2022, the National Park Service distributed letters to various agencies to invite agency participation in the public comment process. Agencies were encouraged to submit written suggestions, comments, and concerns regarding the project either online at the National Park Service's Planning, Environment and Public Comment (PEPC) website or by U.S. mail to the Office of the Superintendent.

### **1.1.2 Kūpuna Outreach**

On July 1, 2022, the National Park Service distributed letters and copies of the EA via email and hard copy materials to the Kūpuna consultation group. The National Park Service held a consultation group meeting on July 15, 2022, with a focus on the Disaster Recovery project. This project has also been discussed with the Kūpuna consultation group outside of the official scoping and public involvement periods during regularly scheduled consultation group meetings including meetings on the following dates:

- November 12, 2020; December 20, 2020; February 12, 2021; April 9, 2021; August 13, 2021; September 30, 2021; November 19, 2021; January 14, 2022; May 7, 2022; and May 13, 2022

### **1.1.3 News Release and Planning, Environment and Public Comment Website**

On July 1, 2022, the National Park Service issued a news release to area wide news organizations and posted project information including the EA and story map explaining the project to the PEPC website. The news release and PEPC website provided a project overview and invited the public to participate in the public comment process. Members of the public were invited to submit comments on the project through the PEPC website, U.S. mail, email, or via the project phone line.

In addition to these outreach efforts, the news release was posted on the park website, social media, and the National Park Service posted reminders about the comment period to encourage participation. The Hawai'i Volcanoes Public Affairs Specialist was interviewed by the local newspaper about the scope of the project. Other media coverage included local outlets reprinting or reposting the news release.

In addition, a second news release was distributed by the park on July 25 announcing a virtual public meeting that had to be rescheduled due to technical difficulties. No interviews were requested but the announcement was picked up by a few local media outlets.

## **1.2 Summary of Public Participation During the Public Comment Period**

Thirty-one pieces of correspondence from three states were received during the public comment period. Individuals living in Hawai'i submitted 29 (approximately 94%) of those correspondences. The majority of comments received during this period expressed the following:

- Commenters provided statements of general support for the project.
- Commenters provided alternative solutions for the replacement buildings to reduce the footprint and reduce removal of forest.

- Commenters asked if a structure to protect visitors from inclement weather would be included at Uēkahuna Bluff.
- Commentors stated that the park needs better picnic facilities and that the project should identify those.
- Commenters expressed concern that the project will cause a loss of ‘ōhi‘a trees.
- Commenters requested that the plan be revised to include infrastructure to support the use of bicycles in the park.
- Commenters suggested that the roundabout landscaping be designed to allow for good visibility for traffic.
- Commenters expressed concern that the location of the replacement visitor center location would add to the congestion at the entrance to the park.
- Commenters requested further information regarding accessibility be added to the plan.
- Commenters questioned if the park has the funding to support new buildings.

## 2 THE COMMENT ANALYSIS PROCESS

### 2.1 Definition of Terms

Primary terms used in the document are defined below:

**Correspondence:** A correspondence is the entire document received from the public—including individuals, organizations, government officials, and agency representatives. It can be in the form of a letter, comment card, or PEPC website comment form.

**Comment:** A comment is a portion of the text within a correspondence that addresses a single subject. It could include such information as an expression of support or opposition to a proposed activity, additional data regarding the existing condition, an opinion questioning a matter of policy, or an opinion regarding the adequacy of an analysis.

**Code:** A code is a grouping centered on a common topic or subject matter with which the public is concerned.

**Concern Statement:** Concern statements were developed to summarize the multiple issues represented by the comments.

### 2.2 Guide to this Document

This report is organized as follows:

**Content Analysis Report** – This is the basic report produced from the PEPC website that provides information on the numbers and types of comments received, organized by code.

**Public Comment Summary** – This report summarizes the substantive comments received during the public comment period. These comments are organized by codes and further organized into concern statements. Comment text is presented as submitted, which can include spelling errors. This text has not been edited.

**Correspondence Index of Organizations (Appendix A)** – This list identifies the commenters or authors by organization type.

**Index by Code (Appendix B)** – This list identifies the commenters or authors who commented on the listed topics, as identified by the codes used in this analysis.

### 3 CONTENT ANALYSIS

This report summarizes approximately 67 comments taken from 31 public correspondences received during the public comment period. Comments were categorized into 23 topics identified by unique codes.

The distribution of comments by code is provided in **Table 1**.

**TABLE 1: COMMENT DISTRIBUTION BY CODE**

Code	Description	No. of Comments	Percent of all Comments
<b>OS100</b>	Out of Scope	11	16%
<b>GNS100</b>	General Project Support	10	15%
<b>AL100</b>	Alternative Suggestions	9	13%
<b>GNC100</b>	General Project Concerns	5	7%
<b>NR100</b>	Natural Resource Concerns	4	6%
<b>SAF100</b>	Safety Concerns	3	4%
<b>CC100</b>	Cultural Concerns (Hawaii Specific, Archeological Will Go Under Sensitive Resources)	3	4%
<b>PVT100</b>	Park Entrance, Vehicle Access, and Traffic Flow	3	4%
<b>AT100</b>	Alternative Transportation	2	3%
<b>VE100</b>	Visitor Experience	2	3%
<b>WQ1000</b>	Water Resources: Guiding Policies, Regs and Laws	2	3%
<b>VPC100</b>	Visitor Center Access, Parking and Congestion	2	3%
<b>PN100</b>	Purpose and Need	1	1%
<b>SE1001</b>	Socioeconomics	1	1%
<b>AC100</b>	Accessibility	1	1%
<b>AL200</b>	Alternative Uses for Buildings	1	1%
<b>CS100</b>	Consultation	1	1%
<b>VI100</b>	Visual Impacts	1	1%
<b>CZ100</b>	Coastal Zone Management	1	1%
<b>SUS100</b>	Sustainability	1	1%
<b>PK200</b>	Parking Increased	1	1%
<b>SR100</b>	Sensitive Resources	1	1%
<b>FOM100</b>	Funding For Operations and Maintenance	1	1%

The majority of correspondences received were from unaffiliated individuals (**Table 2**).

**TABLE 2: CORRESPONDENCE SIGNATURE COUNT BY ORGANIZATION TYPE**

Organization Type	Number of Correspondences
Non-Governmental	1
State Government	3
Unaffiliated Individual	27

Table 3 shows the distribution of how correspondences were received.

**TABLE 3: CORRESPONDENCE DISTRIBUTION BY CORRESPONDENCE TYPE**

Type	Number of Correspondences
Web Form	19
Transcript	5
E-mail	3
Other	2
Letter	1
Park Form	1

With Hawai'i Volcanoes being located in the state of Hawai'i, the majority of correspondence was received from commenters within the state (Table 4)

**TABLE 4: CORRESPONDENCE DISTRIBUTION BY STATE**

State	No. of Correspondences	Percent of all Correspondences
HI	29	94%
TX	1	3%
UNKNOWN	1	3%

All correspondences received were from the United States (Table 5).

**TABLE 5: CORRESPONDENCE DISTRIBUTION BY COUNTRY**

Country	No. of Correspondences	Percent of all Correspondences
USA	31	100%

## 4 PUBLIC COMMENT SUMMARY

### 4.1 General Alternative Suggestions

#### 4.1.1 Concern Statement: Alternate Location

Site the replacement visitor center in the ballfield adjacent to the Kilauea Military Camp.

##### Representative Comment(s)

Correspondence Id: 27 Comment Id: 1120096

Comment Text: I suggest siting the New Visitor Center at the ballfield adjacent to Kilauea Military Camp. The area is disturbed and is open. Construction access can be made through the Crater Rim Drive and Maunaloa Road connector, mitigating construction traffic nightmares at the site of the current visitor center. The 75+ 'ōhi'a trees at the Preferred Alternative site will not be sacrificed.

#### 4.1.2 Concern Statement: Entrance Lane

Allow annual passholders to use the new entrance lane.

##### Representative Comment(s)

Correspondence Id: 23 Comment Id: 1075216

Comment Text: Would passholders be able to use the extra lane, perhaps with a scan machine?

#### 4.1.3 Concern Statement: Additional Facilities

Include covered areas at Uēkahuna bluff and identify areas for covered picnic areas.

##### Representative Comment(s)

Correspondence Id: 12 Comment Id: 1074537

Comment Text: In the presentation perhaps I missed it, but I had a question about the revised viewing area where the old Jaggar Museum was. Are/is there going to be some covered area(s) so that people may get out of the rain or sunshine?

Correspondence Id: 8 Comment Id: 1074525

Comment Text: I am sad there is no addition of picnic benches or covered picnic areas identified. The park sorely needs better picnic facilities for those visitors who pack a lunch due to the limited food services within the park.

#### 4.1.4 Concern Statement: Access and Water

Provide off hours access to restrooms and include water bottle filling stations and drinking fountains.

##### Representative Comment(s)

Correspondence Id: 19 Comment Id: 1075210

Comment Text: Will there be out of hours access to the restrooms, and also will there be water bottle fill and drinking fountains with the new restrooms?

## 4.2 Alternative Uses for Buildings

### 4.2.1 Concern Statement: Use Existing Buildings and Disturbed Areas

Retrofit existing buildings and repurpose existing areas before building new parking areas and buildings. Keep the annex and continue to use it.

#### Representative Comment(s)

Correspondence Id: 27 Comment Id: 1118728

Comment Text: • I suggest remodeling the present visitor center. Remove and rebuild the lānai roof with a shape that emulates a traditional hale, similar to the roofline of the Entrance Station. The lānai may have some exhibits as it does now. We must remember that the park is The Exhibit. • Encourage and allow visitors, with their limited time, to explore, wander, and wonder. Station interpretive staff at lookouts and other places so they may interact with visitors. Install some wayside interpretive signs at various locations. • The interior of the current visitor center can accommodate an expanded Hawai'i Pacific Parks Association store, as well as cultural demonstrators. • Change traffic in the parking lot to one-way, making the roadway narrower, and allowing expansion of the lānai into the lot. • Leave the Education Center for students where it is, with lawn and forest as activity spaces, and from there a convenient safe walk to Kūpina'i Pali for learning about plants, geology, place names, etc.

Correspondence Id: 13 Comment Id: 1077433

Comment Text: I would rather see the park incorporate what we have already then create another footprint.

Correspondence Id: 29 Comment Id: 1076096

Comment Text: For the volcano sciences, the annex has been the scene of scientific discovery and history-making that has not only hugely enlarged our understanding of how Hawaiian volcanism, but of similar shield-volcano volcanism around the world. The building has, in other words, its own deep history and importance. It was much more than an “annex”; As such, at a time where working space and exhibition space are desperately needed in the Park, why tear down a building that suffered little damage and is not on unstable ground? There are so many uses it could be put to, while honoring the work done within it over the last several decades.

## 4.3 Accessibility

### 4.3.1 Concern Statement: Include Accessibility in the Project

Include information in the plan to address accessibility for disabled persons.

#### Representative Comment(s)

Correspondence Id: 3 Comment Id: 1073905

Comment Text: I was wondering why there is no information about accessibility for disabled persons. It would mean a great deal to have some additional accessible areas for viewing and walker or wheelchair mobility. Please include this information in the plan.

## 4.4 Alternative Transportation

### 4.4.1 Concern Statement: Improve Access for Bicyclists

The project should include improving bicyclist access and providing infrastructure to support bicycle use.

#### Representative Comment(s)

Correspondence Id: 8 Comment Id: 1074523

Comment Text: The latest Recovery Project does not mention any attention given to improving bicyclist access and safety within the park. Any improvements made to the park for any reason should always have an eye towards improving the situation for cyclists, as the HVNP has the most wonderful cycling on the island! Within the scope of this project, care should be taken to create a safe bicycling and pedestrian space within the roundabout, parking area intersections, and bicycle secure parking facilities at all administrative and visitor buildings, and popular visitor attractions.

## 4.5 Cultural Concerns

### 4.5.1 Concern Statement: Traditional Cultural Property

A traditional cultural property study should be completed before implementing the project.

#### Representative Comment(s)

Correspondence Id: 27 Comment Id: 1076330

Comment Text: It seems that NPS should conduct a traditional cultural property (TCP) study BEFORE implementation of this project. Native Hawaiian kūpuna, and others, already intimately understand that the lands of the park are a TCP.

### 4.5.2 Concern Statement: ‘Ōhi‘a Trees

‘Ōhi‘a trees should not be removed to build new buildings.

#### Representative Comment(s)

Correspondence Id: 27 Comment Id: 1076005

Comment Text: If it is agreed that Hawai‘i Volcanoes National Park is a wahi kapu, a place where rules apply to protect cultural and natural resources, then those resources must be protected. Foremost among them are the works of Pelehonuamea, the elemental force who is responsible for creating the ‘āina, all the lands of Hawai‘i Nei. Too, the works of Hi‘iaka, the elemental who promotes the growth of endemic and native vegetation, including ‘ōhi‘a lehua, must be protected. Cutting down at least 75 ‘ōhi‘a and more in diameter is the opposite of protecting them. ‘Ōhi‘a are besieged by dieback and by Rapid ‘Ōhi‘a Death. Why purposefully kill them to erect a building? And I note that it definitely takes more than 30 years to establish a second growth ‘ōhi‘a forest as is stated in the EA. And, I don’t understand why it seems necessary to airlayer trees from the site before destroying them. Rather, to encourage genetic diversity of ‘ōhi‘a, grow and plant seedlings. Many of us feel familiar connections to native flora and fauna. It hurts deeply to see them destroyed.

## 4.6 Safety Concerns

### 4.6.1 Concern Statement: Roundabout

Ensure that the landscaping in the roundabout does not cause visibility issues for traffic entering the roundabout.

#### Representative Comment(s)

Correspondence Id: 4 Comment Id: 1073906

Comment Text: My comment is regarding to the round-about. Instead of a garden landscape in the middle, I would prefer a lava circular wall with a unique low lava bolder in the center (no maintenance required). I feel that it would be safer if drivers could see all the cars entering the circle and be prepared to drive defensively carefully upon entering.

## 4.7 Funding for Operations and Maintenance

### 4.7.1 Concern Statement: Funding

Ensure there is funding to maintain new infrastructure.

#### Representative Comment(s)

Correspondence Id: 13 Comment Id: 1074539

Comment Text: With acquiring new assets will we have enough money to maintain them from year to year? Do we have enough money currently to maintain our existing buildings now?

## 4.8 Visitor Center Access, Parking, and Congestion

### 4.8.1 Concern Statement: Congestion

The proposed location of the replacement visitor center will increase congestion.

#### Representative Comment(s)

Correspondence Id: 17 Comment Id: 1075200

Comment Text: The congestion at the present Visitor Center will be further compounded by another 8 bus parking spaces and 118 passenger spaces. A visitor center further away than close proximity to the entrance station will allow a natural dissemination of traffic into the further reaches of the park. A slow drive to the KMC site will allow visitors to decompress and take in the natural ambience of the steam vents viewscape as their first impression rather than corralling them into a saturated metropolis of: proposed new visitor center, Educational Center, Ohia Wing, Volcano House, Volcano Art Center, and Natural History Book Shop.

**Appendix A**  
**Correspondence Index of Organizations**

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**Correspondence Index of Organizations**

<b>Org. Type</b>	<b>Organization Name</b>	<b>Correspondence ID</b>	<b>Code</b>	<b>Description</b>
L	Re-use Hawaii	21	SUS100	Sustainability
S	Department of Land and Natural Resources - Engineering Division	16	WQ1000	Water Resources: Guiding Policies, Regs And Laws
	Department of Transportation	18	OS100	Out of Scope
I	Hawaii Safe Drinking Water Branch	6	WQ1000	Water Resources: Guiding Policies, Regs And Laws

**Appendix B**  
**Correspondence Index by Code**

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## Correspondence Index by Code

<b>Code</b>	<b>Description</b>	<b>Organization</b>	<b>Corr. ID</b>
<b>AC100</b>	Accessibility		3
<b>AL100</b>	Alternative Suggestions		8
<b>AL100</b>	Alternative Suggestions		1
<b>AL100</b>	Alternative Suggestions		2
<b>AL100</b>	Alternative Suggestions		12
<b>AL100</b>	Alternative Suggestions		13
<b>AL100</b>	Alternative Suggestions		17
<b>AL100</b>	Alternative Suggestions		19
<b>AL100</b>	Alternative Suggestions		23
<b>AL100</b>	Alternative Suggestions		27
<b>AL200</b>	Alternative Uses for Buildings		29
<b>AT100</b>	Alternative Transportation		8
<b>AT100</b>	Alternative Transportation		10
<b>CC100</b>	Cultural Concerns		28
<b>CC100</b>	Cultural Concerns		17
<b>CC100</b>	Cultural Concerns		27
<b>CS100</b>	Consultation		31
<b>CZ100</b>	Coastal Zone Management		31
<b>FOM100</b>	Funding For Operations and Maintenance		13
<b>GNC100</b>	General Project Concerns		17
<b>GNC100</b>	General Project Concerns		19
<b>GNC100</b>	General Project Concerns		22
<b>GNC100</b>	General Project Concerns		23
<b>GNC100</b>	General Project Concerns		27
<b>GNS100</b>	General Project Support		28
<b>GNS100</b>	General Project Support		14
<b>GNS100</b>	General Project Support		5
<b>GNS100</b>	General Project Support		8
<b>GNS100</b>	General Project Support		19
<b>GNS100</b>	General Project Support		23
<b>GNS100</b>	General Project Support		24
<b>GNS100</b>	General Project Support		25
<b>GNS100</b>	General Project Support		26
<b>GNS100</b>	General Project Support		30
<b>NR100</b>	Natural Resource Concerns		28
<b>NR100</b>	Natural Resource Concerns		15
<b>NR100</b>	Natural Resource Concerns		17
<b>NR100</b>	Natural Resource Concerns		20
<b>OS100</b>	Out of Scope	Department of Transportation	18
<b>OS100</b>	Out of Scope		5

<b>OS100</b>	Out of Scope		1
<b>OS100</b>	Out of Scope		7
<b>OS100</b>	Out of Scope		9
<b>OS100</b>	Out of Scope		10
<b>OS100</b>	Out of Scope		11
<b>OS100</b>	Out of Scope		13
<b>OS100</b>	Out of Scope		15
<b>OS100</b>	Out of Scope		17
<b>OS100</b>	Out of Scope		23
<b>PK200</b>	Parking Increased		26
<b>PN100</b>	Purpose and Need		27
<b>PVT100</b>	Park Entrance, Vehicle Access, and Traffic Flow		28
<b>PVT100</b>	Park Entrance, Vehicle Access, and Traffic Flow		5
<b>PVT100</b>	Park Entrance, Vehicle Access, and Traffic Flow		23
<b>SAF100</b>	Safety Concerns		5
<b>SAF100</b>	Safety Concerns		4
<b>SAF100</b>	Safety Concerns		10
<b>SE1001</b>	Socioeconomics		23
<b>SR100</b>	Sensitive Resources		28
<b>SUS100</b>	Sustainability	Re-use Hawaii	21
<b>VE100</b>	Visitor Experience		28
<b>VE100</b>	Visitor Experience		23
<b>VI100</b>	Visual Impacts		5
<b>VPC100</b>	Visitor Center Access, Parking and Congestion		17
<b>VPC100</b>	Visitor Center Access, Parking and Congestion		27
<b>WQ1000</b>	Water Resources: Guiding Policies, Regs and Laws	Department of Land and Natural Resources - Engineering Division	16
<b>WQ1000</b>	Water Resources: Guiding Policies, Regs and Laws	Hawaii Safe Drinking Water Branch	6