



# U.S. Army Garrison-Hawaii Makua Marine Resources Survey

Please return surveys by October 31, 2012. To complete this survey online go to:  
[https://www.surveymonkey.com/s/Marine\\_Resource\\_Survey](https://www.surveymonkey.com/s/Marine_Resource_Survey)

The U.S. Army in Hawaii is conducting a Marine Resources study at Makua Beach and is seeking the Leeward Coast community's assistance. The purpose of this study is to determine whether military activities at Makua Military Reservation have impacted marine resources in the area.

As residents, your input is essential in helping us identify, find and test the species that you rely on for food or other purposes. We appreciate your interest and involvement in this study.

In order to validate and be able to utilize the information you are providing, we need you to include your first and last name, and contact information (phone or email).

**First and last name:**  
(required)

**Email / Phone:**  
(required)

1) Do you consider yourself a Waianae Coast resident?  Yes  No

2) Do you rely on ocean resources at Makua Beach — other than fish or shellfish — for food or any purpose besides food?  Yes  No (If you checked "no" please skip to question #13.)

3) If yes, on which of the following do you rely?

limu (seaweed)

he'e, tako (octopus)

weli/loli (sea cucumber)

Other \_\_\_\_\_

4) Please describe the resources you rely on (any that were selected above) as completely as possible, including any common names, nicknames or species. Please be as descriptive as possible; include the size, shapes and/or colors.

---

---

---

---

5) Do you collect these ocean resources yourself, or do you get them from another source? Check all that apply.

I collect the resources myself

I get the resources from another source. (If from another source, which source? Please provide contact information for that source, if known.)

---

---

---

---

6) If you collect the resources yourself, approximately where at Makua Beach do you get these resources? Please include approximate depth, if known.

---

---

---

---

(continue on back)

7) What method(s) do you use to collect, gather or hunt for these resources?

---

---

---

---

8) Is there a specific time of day you collect, gather or hunt for these resources?

---

---

---

9) Is there a specific time of year you collect, gather or hunt for these resources?

---

---

---

10) Are there any other locations on Oahu or the other Hawaiian Islands where you collect, gather or hunt for the ocean resources you identified?

---

---

---

11) How often and how much (quantity) of these ocean resources do you eat?

---

---

---

12) Would you be willing to help scientists locate samples of these resources?

---

---

---

13) The Marine Resources Study will include planning, sampling and analysis phases. Do you wish to receive updates and additional information throughout the study?  Yes  No

**Please return this survey in any of the following ways, by Oct. 31, 2012:**

**Email:** usaghi.pao.comrel@us.army.mil

**Fax:** 808-656-3162

**Mail:** USAG-HI Directorate of Public Works  
Attn: Michelle Mansker, Environmental Division  
947 Wright Ave., WAAF  
Schofield Barracks, HI 96857

**Phone:** Input may be provided by phone. Call U.S. Army Garrison-Hawaii Public Affairs at 808-656-3158/3159/3160 between 8 a.m.-4 p.m.

**Online:** To fill out the survey online go to: [https://www.surveymonkey.com/s/Marine\\_Resources\\_Survey](https://www.surveymonkey.com/s/Marine_Resources_Survey) by Oct. 31, 2012.

**In Person:** Community can also provide input in person and talk story with Army staff, Oct. 24, from 6:30-8:30 p.m., at the Pililaau Army Recreation Center, 85-010 Army St., Waianae. We will have photos of limu species and other marine resources for reference. For more information please call U.S. Army Garrison-Hawaii Public Affairs at 808-656-3158/3159/3160.

***Mahalo for your time and input!***