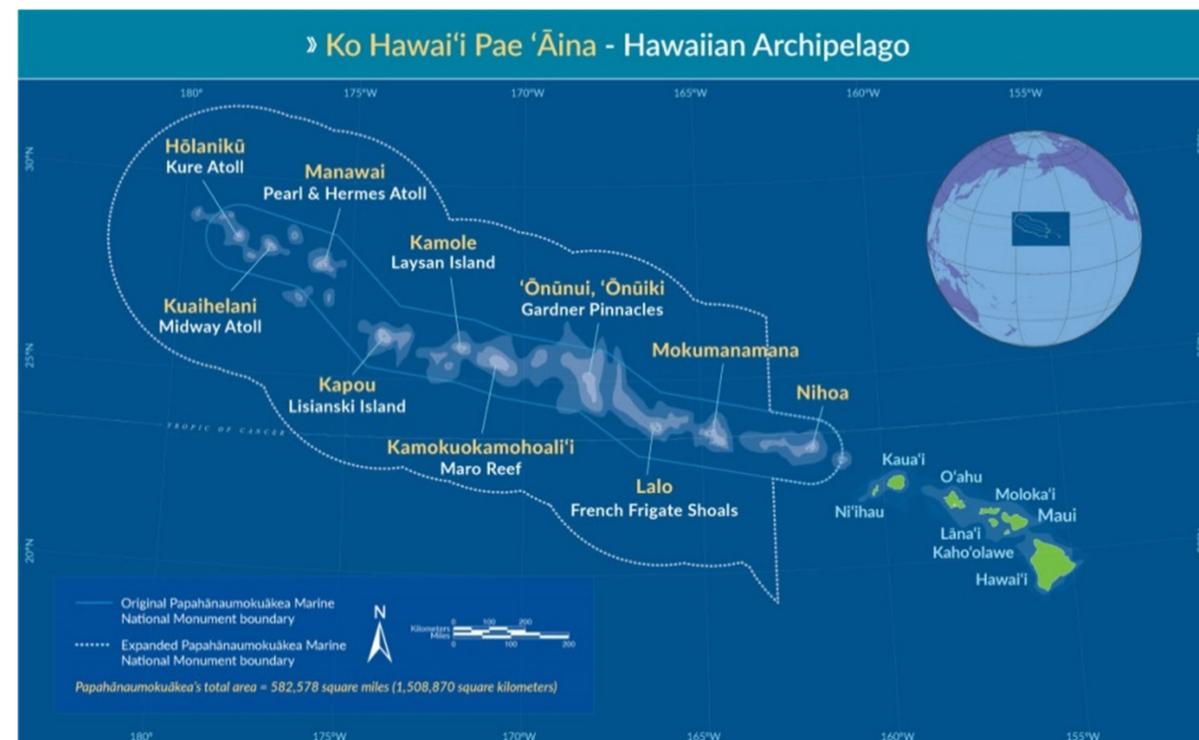


MANAGING SEA LEVEL RISE AND SEABIRDS IN HAWAII: NO NET LOSS

PURPOSE

The goal of the No Net Loss initiative is to bring bird species back to islands where they have been extirpated and to find new islands for species whose current nesting habitat is threatened by sea level rise, particularly in the Northwestern Hawaiian Islands and Papahānaumokuākea Marine National Monument. We do this by protecting a similar amount of higher habitat in the Main Hawaiian Islands with predator exclusion fencing, removing invasive predators, and then attracting or translocating bird species into these fenced areas. James Campbell National Wildlife Refuge (JCNWR) on Oahu provides an ideal site where seabirds will be safe from sea level rise and are protected from predators.



SPECIES: This project focuses on species that are most vulnerable to sea level rise- those with a high proportion of their global population in a few locations and a high proportion of their population (>95% or more) nesting less than 2 meters above sea level. Four species have been identified as priorities:

LAYSAN ALBATROSS:



- **Translocated from:** U.S. Navy's Pacific Missile Range Facility on Kauai, where they attempt to nest on an active runway and pose a collision hazard for aircraft.
- **# birds translocated:** 50 chicks from 2015-2017; 46 of those chicks fledged.
- **Current nesting colonies:** 99% in the Hawaiian Islands; <1% in Japan and Mexico
- **Worldwide population:** ~2 million birds; 75% on Midway Atoll.

BONIN PETREL



- **Translocated from:** Midway Atoll and Tern Island National Wildlife Refuges.
- **# birds translocated:** 50 chicks in 2018; 100 per year planned from 2019 onwards.
- **Current nesting colonies:** Northwestern Hawaiian Islands, Japan.
- **Worldwide population:** ~1 million birds; 98% thought to nest in Hawaii.

BLACK-FOOTED ALBATROSS



- **Translocated from:** Midway Atoll and Tern Island National Wildlife Refuges
- **# birds translocated:** 15 chicks in 2017; 25-30 per year planned from 2018 onwards.
- **Current nesting colonies:** 97% in the Hawaiian Islands; 3% in Japan
- **Worldwide population:** ~200,00 birds

TRISTRAM'S STORM-PETREL



- **Translocated from:** Tern Island National Wildlife Refuge.
- **# birds translocated:** 50 chicks in 2018; 100+ per year planned from 2019 onwards.
- **Current nesting colonies:** Northwestern Hawaiian Islands, Japan.
- **Worldwide population:** ~30,000 birds; 75% thought to nest in Hawaii.

MORE INFORMATION:

www.islandarks.org

www.pacificrimconservation.org

https://www.fws.gov/refuge/james_campbell/

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