



Theresa Cabrera Menard

GOV. MSG. NO. 670

The Nature Conservancy



Objective

To continue to serve as a commissioner on the State of Hawaii's Legacy Land Conservation Commission for a second term.

Qualifications

What I offer the LLCC is my ability to use different geospatial datasets (e.g. tax map keys, zoning, native ecosystem coverage, etc.) to evaluate parcels of land for desired criteria. I have experience in ranking and prioritizing different sites across Hawai'i to assist conservation efforts. I have served on the Legacy Land Conservation Commission for the past 3 years and am presently the Chairperson.

Work History

2006 to 2017, **Geographic Information Systems Specialist**, The Nature Conservancy.

Manage a collection of high resolution imagery of native forests in Hawai'i. Analyze biological datasets, e.g. native ecosystem extent, pig movements, mongoose populations, herbicide amounts, and weed distributions. Produce maps, e.g. for land acquisition, for the media, and to demonstrate the effectiveness of on-the-ground conservation activities.

2003 to 2006, **Conservation Planner**, The Nature Conservancy.

Co-prepared an ecoregional assessment of biodiversity conservation for the Hawaiian High Islands (<http://www.hawaii.ecoregionplan.info/home.html>). Collected and organized data on the biology of the Hawaiian islands. Made maps of ecosystems and conservation areas. Developed conservation area plans for Kaua'i, East Maui, and East Moloka'i.

2002 to 2003, **Landscape Conservation Coordinator**, The Nature Conservancy.

Assisted with the reporting and renewal requirements for the seven Conservancy preserves enrolled in the State's Natural Area Partnership Program.

Education

2003, Master of Science in Zoology, with specialization in Ecology, Evolution and Conservation Biology, University of Hawai'i, Mānoa.

1988, Bachelor of Science in Biology, with specialization in Ecology, Behavior, and Evolution, University of California, San Diego (Revelle College).

Publications

Menard, Theresa. 2001. *Activity Patterns of the Hawaiian Hoary Bat (Lasiurus cinereus semotus) in Relation to Reproductive Time Periods*. Masters thesis. University of Hawai'i, Mānoa. Online at: http://www.openthesis.org/document/view/601130_0.pdf.

Coste, Marion, Pearl Maxner, and Theresa Menard. 2005. *The Hawaiian Bat, 'Ōpe`ape`a*. University of Hawai'i Press. (A children's book.)

Analyses and Presentations

Menard, Theresa Cabrera, Lori Buchanan, Marigold Zoll, Kirsten Gallaher, and Emma Yuen. 2016. *Partnering for Land Protection: The State of Hawaii's Legacy Land Conservation Program*. Poster Presentation. IUCN World Conservation Congress. Honolulu. Online at: <http://iucncongress.ipostersessions.com/?s=47-F3-74-E6-F8-52-63-79-4C-0D-4F-ED-B7-47-A9-0A>.

Tom, Stephanie, Theresa Menard, Jason Sumiye, and Evelyn Wight. 2015. *Crowdsourcing Conservation: TNC's Online Campaign Mobilized 10,000 Armchair Conservationists to Search for Invasive Weeds in Images of Hawaiian Forests*. Oral Presentation. Hawai'i Conservation Conference. Hilo. Abstract online on page 35 of: <http://www.hawaiiconservation.org/images/uploads/conference/ABSTRACT+FINAL.compressed.pdf>.

Menard, Theresa, Trae Menard and Jason Sumiye. 2014. *Geospatial Analysis of Herbicide Application Amounts at The Nature Conservancy of Hawai'i*. Poster presentation. Hawai'i Conservation Conference. Honolulu. Abstract online on page 110 of: http://www.hawaiiconservation.org/images/uploads/conference/2014_HCC_Abstract_Book_FINAL_sm.pdf.

Menard, Theresa, Keren Gundersen, and John Chapman. 2013. *Kauai Mongoose: Can We Eradicate Them?* Oral Presentation. Hawai'i Conservation Conference. Honolulu. Online at: <https://vimeo.com/channels/657529/page:7>.

Menard, Theresa and Jason Sumiye. 2009. *Preliminary Results from the First GPS Telemetry Study of Pigs on Molokai*. Poster Presentation. Hawaii Conservation Conference. Honolulu. Abstract online on page 68 of: <http://www.hawaiiconservation.org/images/uploads/conference/2009hccabstractbookfinal2.pdf>.

Menard, Theresa, *et al.* 2006. *Tracking Ungulate Control Projects Across the Main Hawaiian Islands*. Oral Presentation. Hawai'i Conservation Conference. Honolulu.

Computer Skills

ArcGIS (mapping), Microsoft Office, Vortex Population Modeling.

