



4th ANNUAL SEA TURTLE WORKSHOP

**Signals of Carrying Capacity from
Green Turtles in Hawai'i:
Sifting the Wheat from the Chaff**

OCT. 4, 2024

**Aloha Tower Marketplace, MPR 3
Honolulu, Hawai'i**

HAWAI'I PACIFIC UNIVERSITY

SIGNALS OF CARRYING CAPACITY FROM GREEN TURTLES IN HAWAI'I: SIFTING THE WHEAT FROM THE CHAFF

2024 Workshop Goal - "To stimulate interest and action in finding answers to puzzling important questions relevant to the conservation status of Hawai'i's green turtle population"

745-830am Registration Sign-In, Coffee & Pastries

830-845AM *Start of Zoom*****

Welcome and Ceremonial Hawaiian Blessing of Attendees and Turtles by Kahu Hānai Danny Akaka, Jr. and Anna Akaka



Presentations

845-900am #1 - Why this workshop? Puzzling important questions about the conservation status of Hawaiian Honu and their Ecosystem - George Balazs

900-915am #2 - The theory and math of modelling carrying capacity - Dr. David Hyrenbach

915-930am #3 - The origins of ECOPATH and its application to the Kaloko-Honokohau marine ecosystem - Dr. Jeffrey Polovina

930-945am #4 - Estimating carrying capacity at the green turtle nesting beach of East Island, French Frigate Shoals (Lalo) - Dr. Manjula Tiwari

945-1000am #5 - Tiger shark research in Hawai'i - Dr. Kim Holland

1000-1030am - Break and Group Photo in Courtyard

1030-1045am #6 - Kauai's honu phenomenon: The crossroads of coexistence - Dr. Lisa Harrington and Deborah Herrera

1045-1100am #7 - Corpulent or malnourished? Depends on where the world's most abundant large marine herbivores live - Dr. Milani Chaloupka

1100-1115am #8 - A summary of green turtle growth rates and residency durations at three long-term study sites in West Hawai'i - Laura Jim



1115-1130am #9 - Necropsy shows low body condition in turtles from Kona versus other sites in Hawai'i - Dr. Thierry Work

1130-1145am #10 - Balancing marine life: Towards managing green turtles and seagrass ecosystems in Okinawa, Japan - Dr. Tomoko Hamabata

1145am-200pm - BYOL Lunch in Meeting Room with Facilitated Group Discussions, Questions & Answers Striving to ...!Sift the Wheat from the Chaff – Dr. Thierry Work

200pm Closing - Follow-ups and Farewell until our HPU 5th Workshop.



Hawai'i Pacific University would like to acknowledge the 'āina, the root culture, and the Indigenous People of Hawai'i. We also acknowledge how their wisdom and love have shaped Hawai'i in sustainable ways that allow us to enjoy these gifts today. We recognize the pain, sorrow, and multiple intergenerational losses that have been and continue to be inflicted on Kānaka Maoli. As an HPU community, both Indigenous and allies, we offer gratitude for the land itself, for those who have stewarded it for generations, and for the opportunity to learn, grow, work, and live in solidarity with one another. We commit to honoring Aloha, Pono, Kuleana. Holomua Me Ka 'Oia'i'o (move forward with truth).

The most erroneous stories are those we think we know best – and therefore never scrutinize or question. – Stephen Jay Gould