

The Sea Turtle Stranding Research Network in the Hawaiian Islands

夏威夷群島的擱淺海龜研究網絡



by

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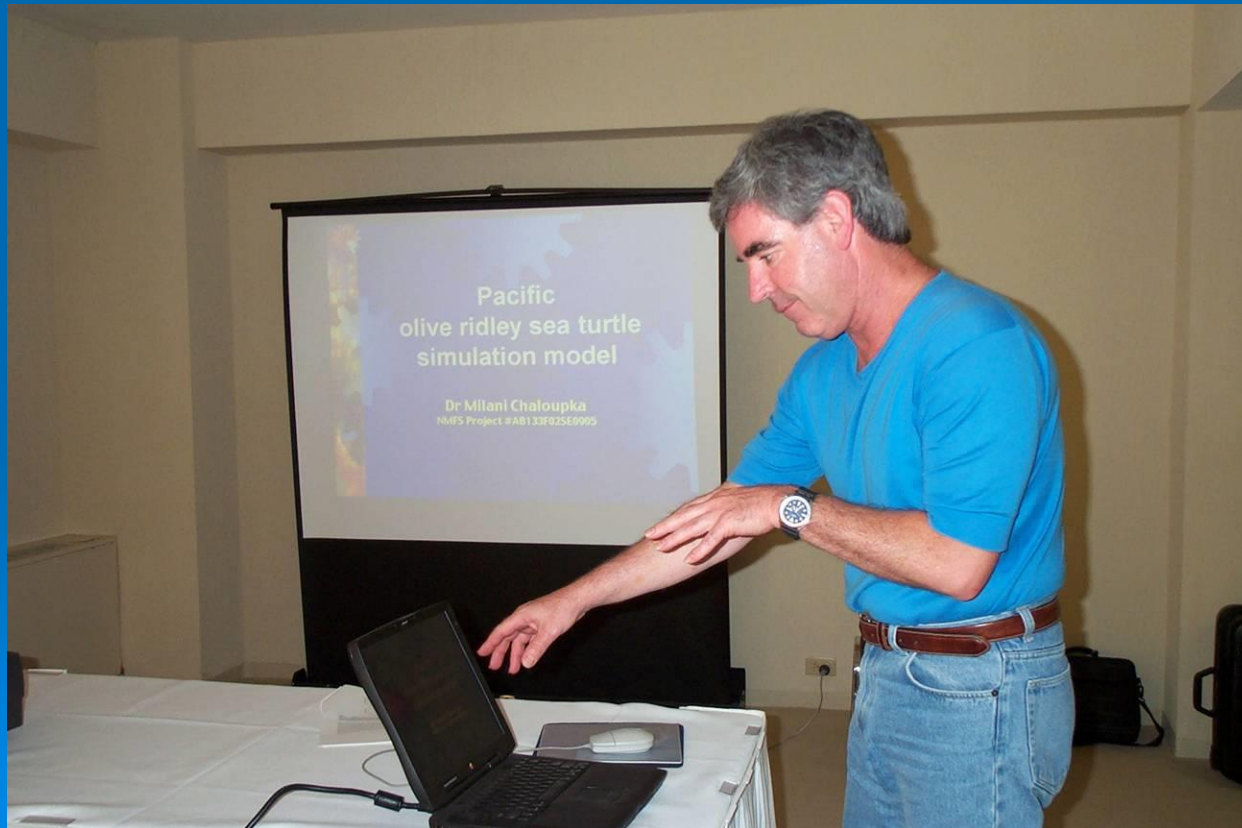
Marine Turtle Research Program 海龜研究計畫

NOAA Fisheries 海氣局漁科中心

PIFSC MARINE TURTLE RESEARCH

太平洋島嶼漁業科學中心的海龜研究

- Simulation modeling of population dynamics for stock assessment
利用動態的模擬模型進行種群資源分析



PIFSC MARINE TURTLE RESEARCH

太平洋島嶼漁業科學中心的海龜研究

- Research training and capacity building of Pacific islanders and Pacific Rim personnel

太平洋島民與環太平洋人員進行研究訓練及培訓



PIFSC MARINE TURTLE RESEARCH

太平洋島嶼漁業科學中心的海龜研究

- Pelagic ecology of Taiwanese and Japanese loggerheads for bycatch reduction

台灣與日本赤蠟龜的遠洋生態，以減少**誤捕**



PIFSC MARINE TURTLE RESEARCH

太平洋島嶼漁業科學中心的海龜研究

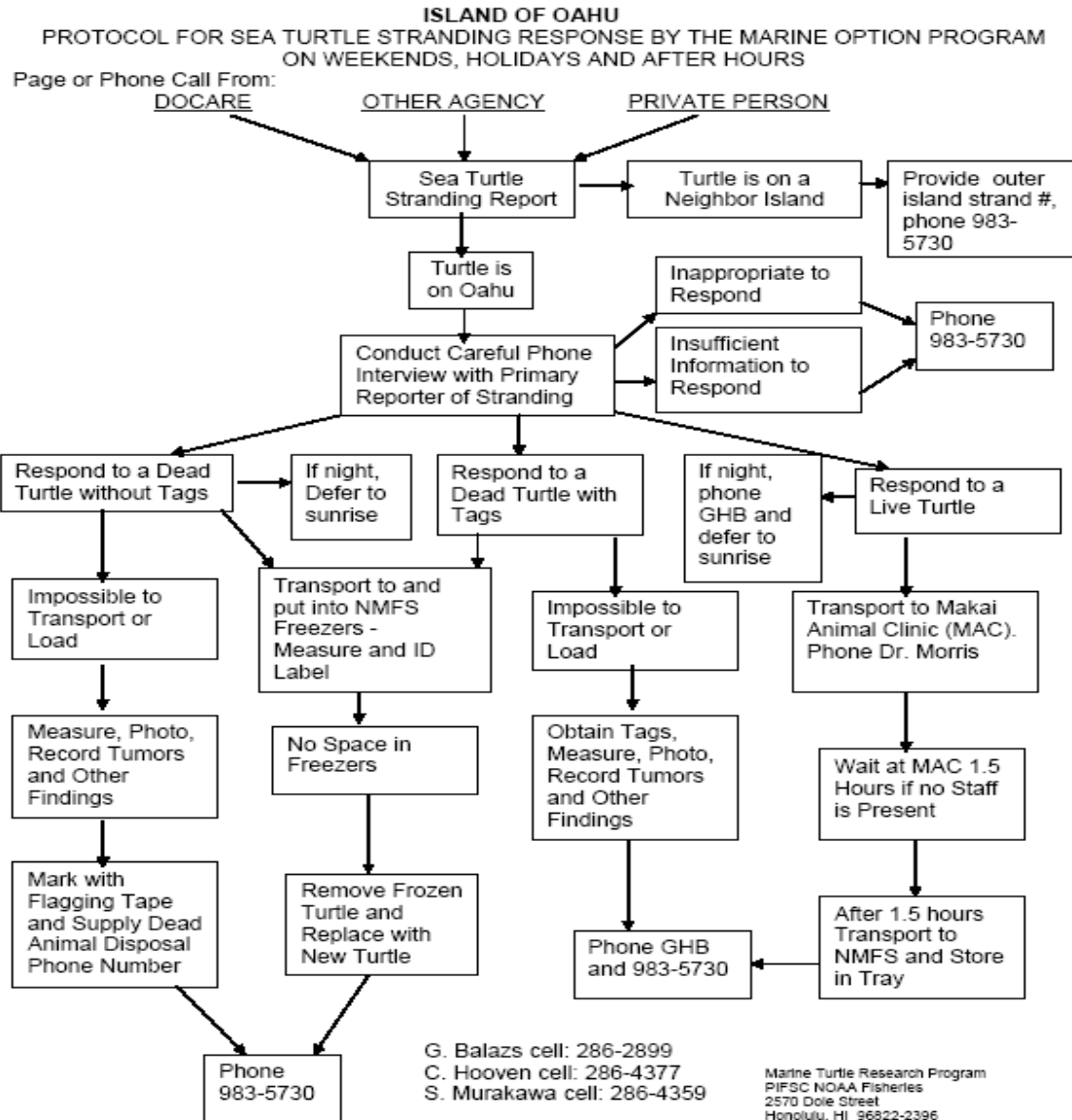
- Stranding, salvage and necropsy research for long term population dynamics data collection

擱淺、搶救與解剖研究，以長期蒐集**種群動態**的資料



Flowchart

海龜擱淺應變流程圖



Note: Illegal activities involving sea turtles should be reported to DOCARE (587-0077) and/or NMFS Law Enforcement (541-2727)

Types of
stranding cases
in Hawaii
夏威夷的擱淺
案例種類

Canal
河道



Beach Shoreline

海岸沙灘



Beach 海灘



Shoreline

海岸



Examine plastron for body condition

檢驗腹甲以確定身體狀況

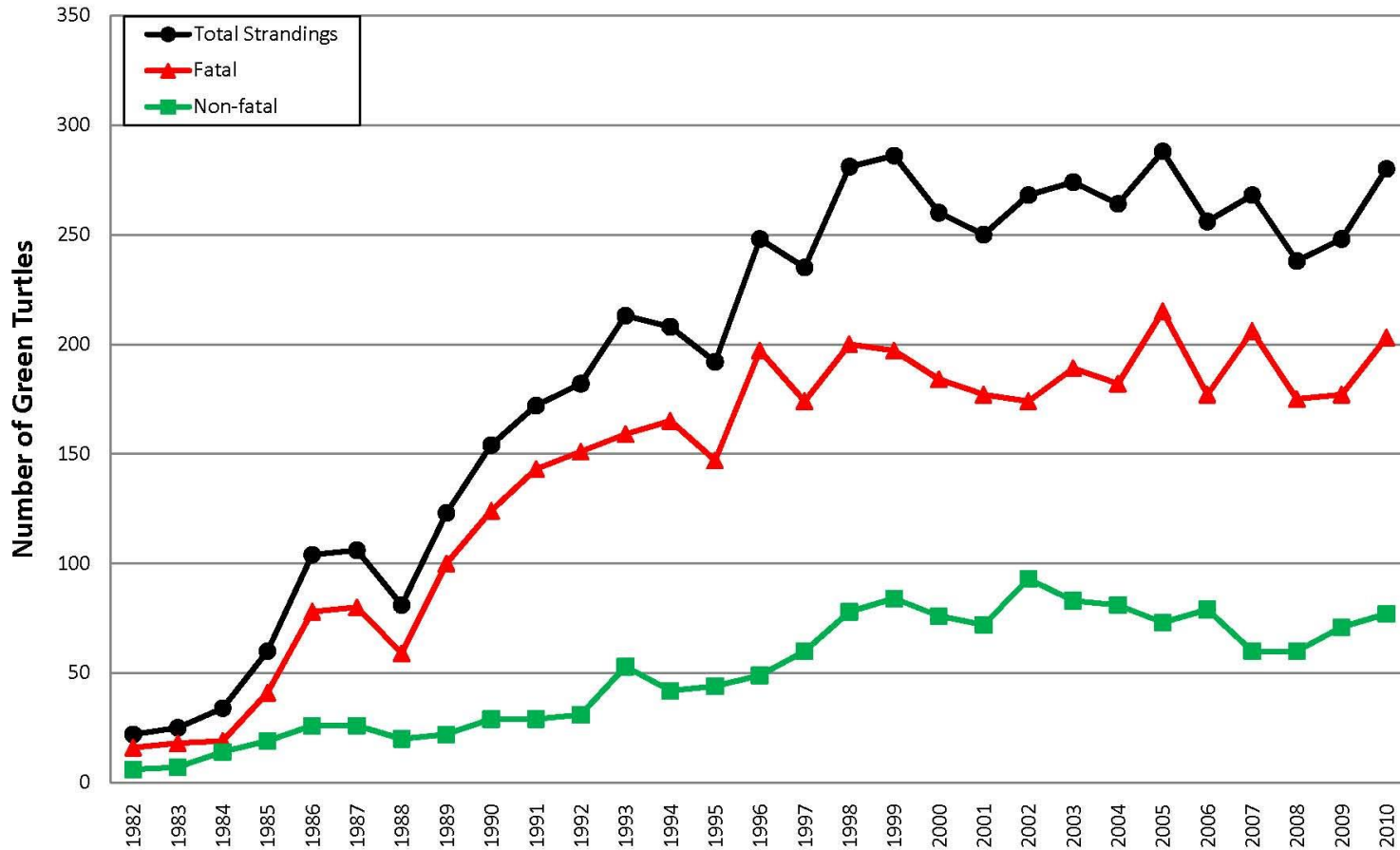
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Summary of important points 重點摘要

- Details on turtle strandings have been collected in Hawaii since 1982
夏威夷自1982年起就開始蒐集海龜擱淺的相關資料
- 97% of the strandings are green turtles // 97%的擱淺個案涉及綠蠵龜
- Flowcharts provide stranding protocols for responding // 流程圖提供了擱淺事件的處理程序
- 250-300 turtles strand each year // 每年約250至300頭海龜擱淺
- 30% of the turtles are alive // 海龜的存活率為30%
- A clinical veterinarian, Dr. Bob Morris, treats the turtles
臨床獸醫Bob Morris醫師負責治療海龜
- A turtle pathologist, Dr. Thierry Work, conducts necropsy research
海龜病理學家Thierry Work博士負責解剖研究
- Causes of strandings include tumor disease, fishing line and hooks, nets, boat collision, shark attack, and miscellaneous. 擱淺的原因包括腫瘤、魚絲及魚鈎、魚網、船隻碰撞、鯊魚攻擊等等

1982-2010年期間綠蠔龜在夏威夷群島的擱淺數目

Green Turtle Strandings in the Hawaiian Islands 1982-2010
Marine Turtle Research Program , PSD
Pacific Islands Fisheries Science Center, NOAA
(n=5621)



1982-2010年期間綠蠔龜在夏威夷群島的擱淺事件

