

NOAA FISHERIES PIFSC

Knowledge, Attitudes, and Perceptions of Coral Reefs in Hawai'i's Priority Sites

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Project background

- Stemmed from collaboration with HDAR and TNC
 - South Kohala Conservation Action Planning (CAP) process
- Contributes to research in Hawai`i's coral reef priority sites
 - Pelekane Bay-Puako-Anaeho`omalu Bay (South Kohala)
 - Ka`anapali-Kahekili (West Maui)
- Funded by NOAA Coral Reef Conservation Program

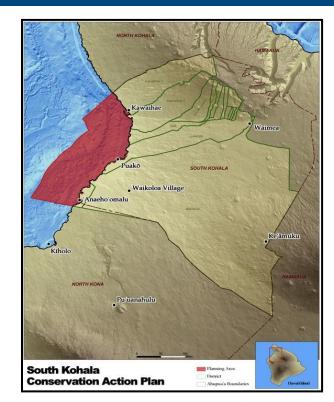


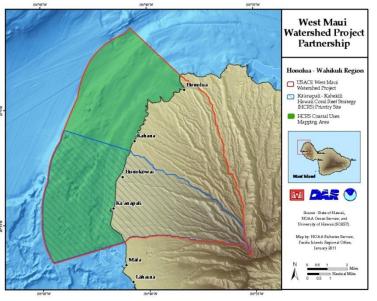




Survey design

- Goal: To better understand resource users' knowledge, attitudes, and perceptions (KAPs) of coral reefs in priority sites.
- At least 200 intercept surveys per site
- Hired local contractors to administer surveys to residents and knowledgeable repeat visitors
- Spread out over 6 months to capture seasonal variability





Survey topics

- Site use patterns
- Knowledge about site conditions
- Potential threats to resources
- Potential management strategies
- Marine managed areas
- Benefits/services
- Knowledge of planning activities



Survey # Date Time		OMB Control #: 0648-0654 Expiration Date: 10/31/2015					
	•	rledge, Attitudes, a uth Kohala Coral R	•	f Hawaii's			
SIT	E USE PATTERN	S					
l.	What is your primary purpose/activity for visiting the South Kohala Coast today? (e.g., fishing, swimming, diving, etc.)?						
<u>.</u>	Approximately how many times have you visited the South Kohala Coast?						
	O First time	O 2 − 10 times	O 11 − 20 times	O > 20 times			
	a. If this is not γο Kohala Coast?	ur first time, how long	have you been comi	ing to the South			
	O 1 year	O 2 − 5 years	O 6 − 10 years	O > 10 years			
	What times of year do you visit the South Kohala Coast?						
		Rarely or never	Sometimes	Often			
	a. Winter	0	0	0			
	b. Spring	0	0	0			
	c. Summer	0	0	0			
	d. Fall	0	O	0			
	What activities do	you participate in at t	he South Kohala Coa	st?			
		Rarely or never	Sometimes	Often			

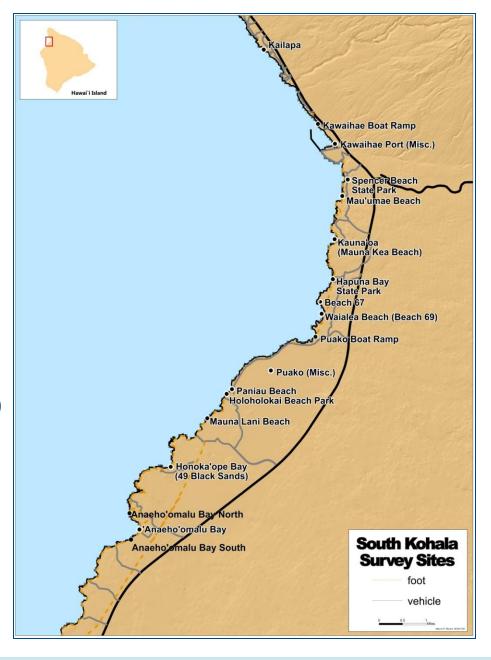
		Rarely or never	Sometimes	Often
a.	Swimming	0	0	О
b.	Surfing	0	0	0
c.	Scuba diving	0	0	0
d.	Snorkeling	0	0	0
e.	Camping	0	0	0
f.	Boating (motorized)	0	0	0
g.	Canoeing/kayaking	0	0	0
h.	Sun bathing/hanging	out O	0	0
i.	Picnicking	0	0	0



South Kohala

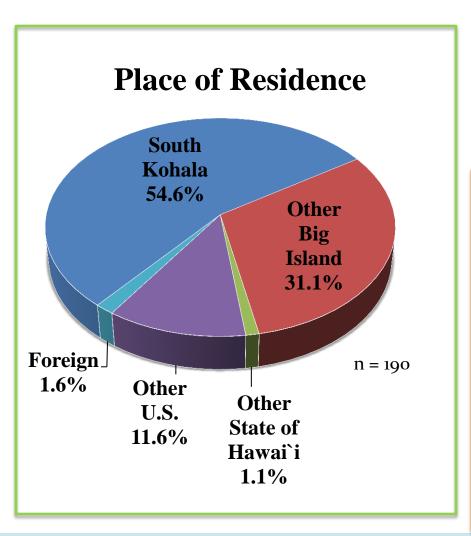
- Nov. 9, 2012 Apr. 19, 2013
- Mehana Consulting administered surveys
- 18 access points, 202 surveys
- Stratified by
 - time of day
 - week day vs. weekend/holiday,
 - shoreline type (rocky vs. sandy)



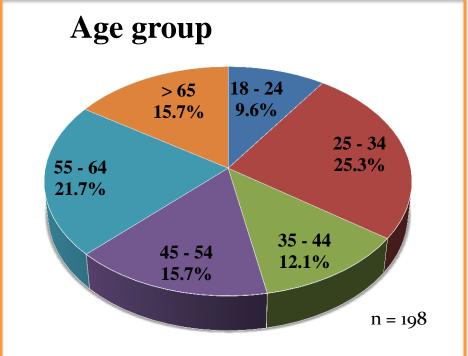




Demographics



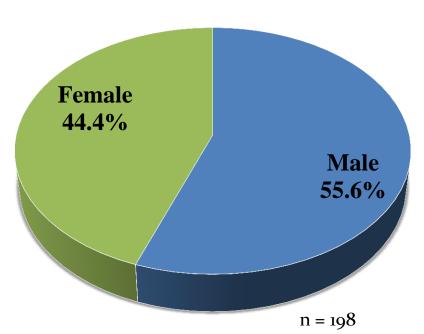


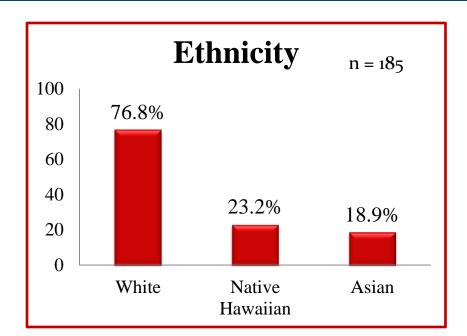


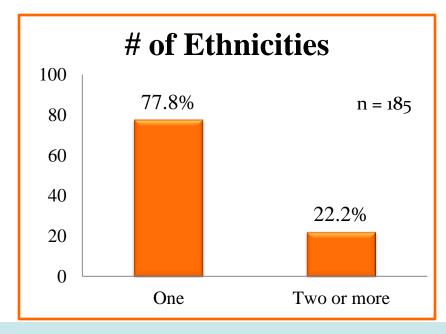


Demographics







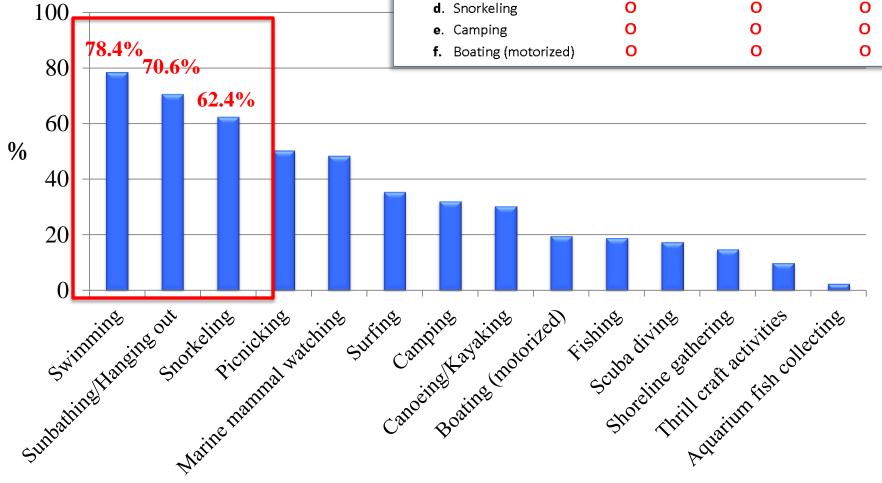




Site use patterns



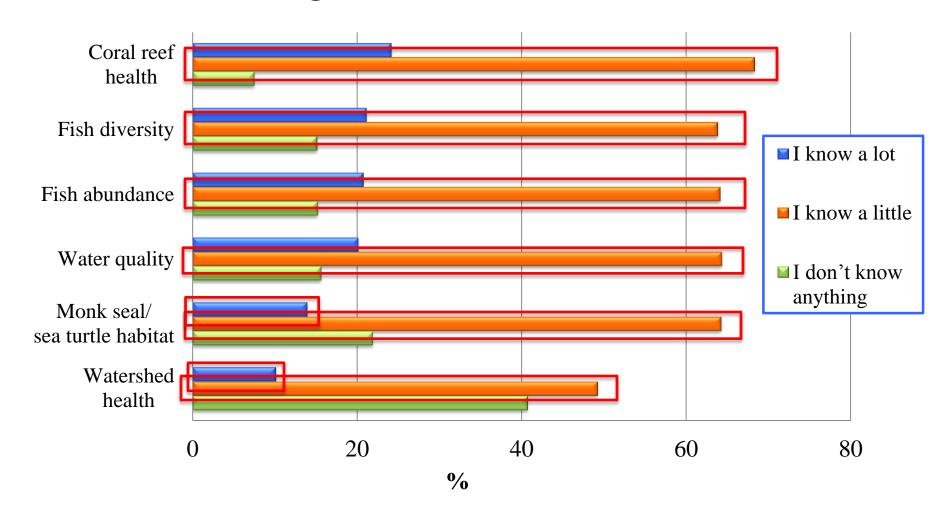
What activities do you participate in at the South Kohala Coast?





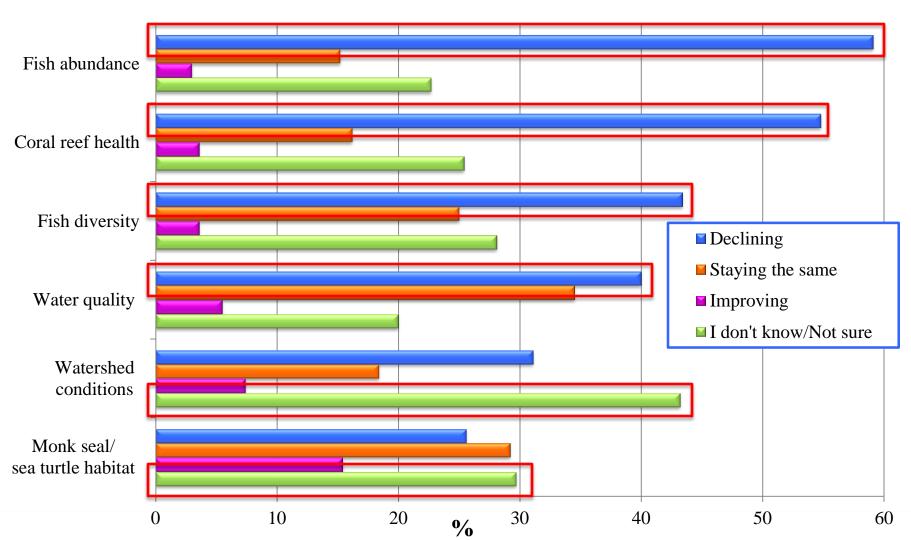
Site conditions

How much do you know about the following conditions along the South Kohala Coast?

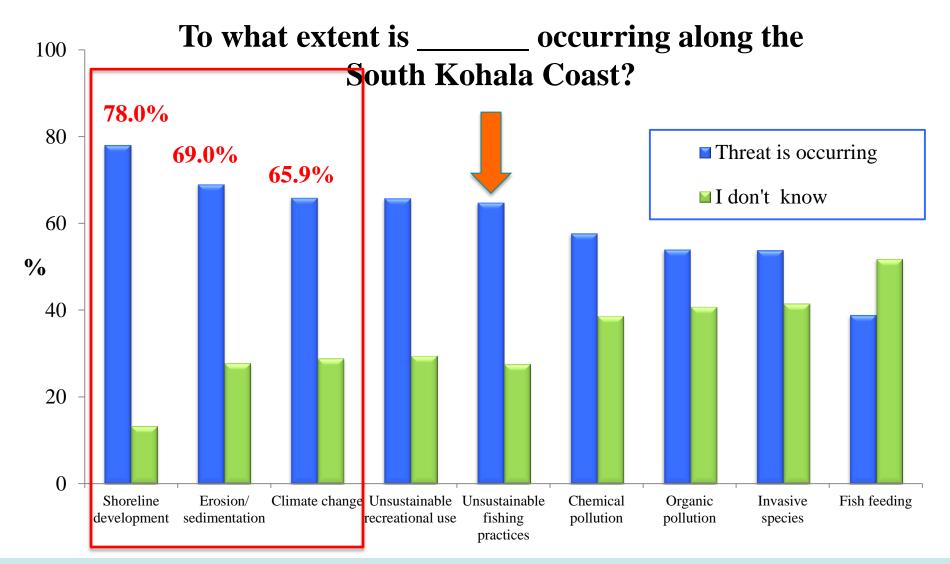


Site conditions

In your opinion, the condition of _____ along the South Kohala Coast is...

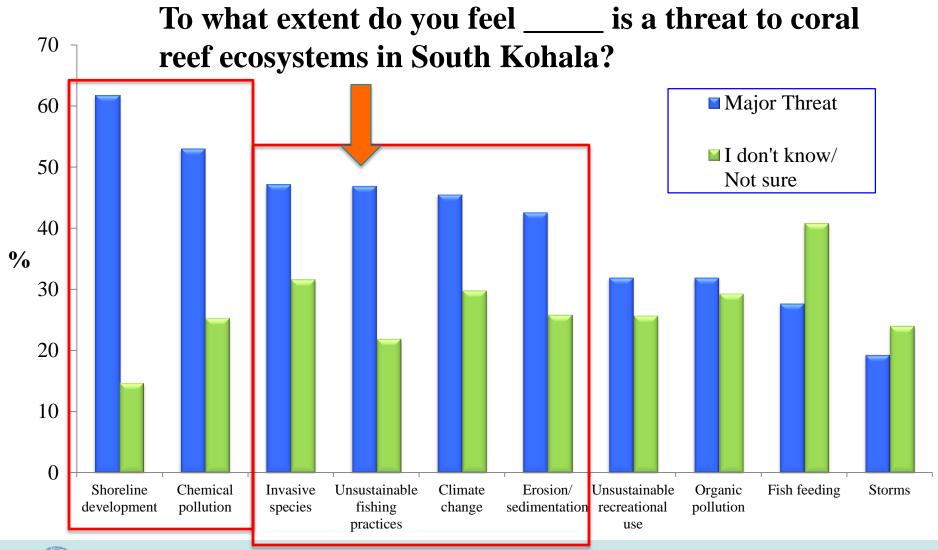


Potential threats

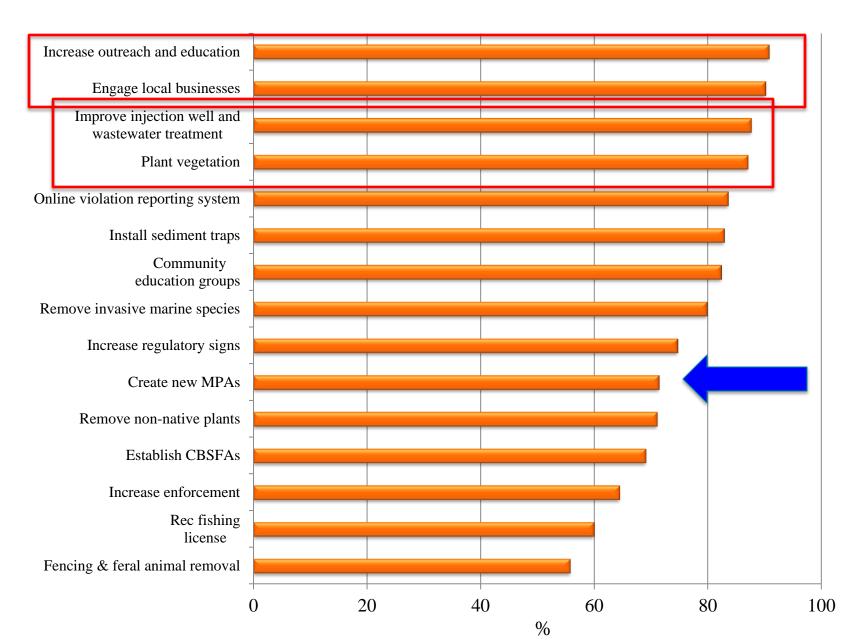




Potential threats

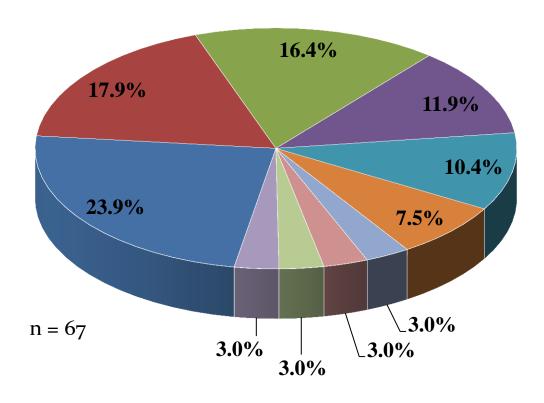


Support for management strategies



Sources of coral reef information

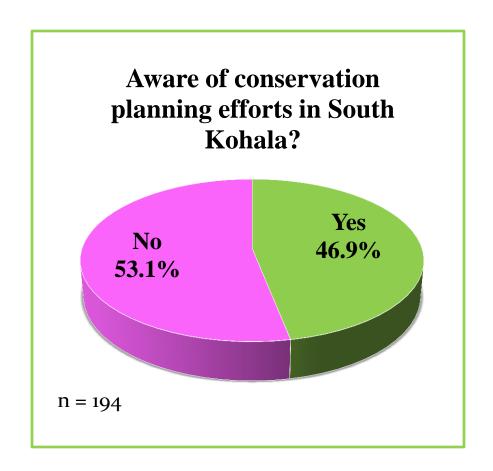
Which information source do you rely on most?

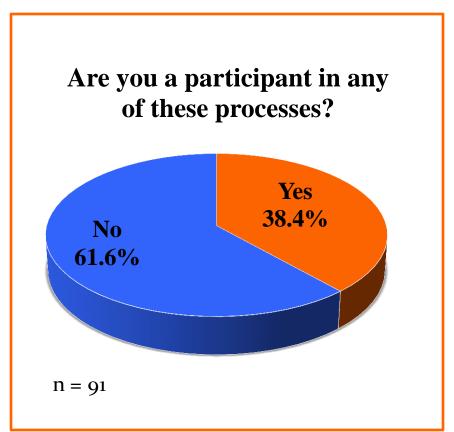


- Personal Observation
- Newspaper
- Word of mouth (e.g., friends, family, coworkers)
- Internet
- Community groups (general)
- Non-profits (i.e., TNC, Makai Watch, Kohala Center, Coral Reef Alliance)
- DLNR, DAR
- Fishermen
- UH Marine Programs
- Local lectures



Participation in planning activities







Additional points...

- Lack of knowledge and understanding of watershed concept
- Unsustainable fishing practices perceived as one of several threats
- MPAs are perceived to be *one* of *several* potential useful management practices

Report is in internal review... Stay tuned!

