



MPRU Adaptive Management Program - Data Collection

Version Nov 2017

MONTHLY SURVEY

Beach Team

***Conduct Monthly survey on the first Sunday and Tuesday of the month.
On each survey day, complete survey at LOW tide & HIGH tide using separate forms***

Data Collector Name(s): _____

Date: _____ Time: _____

Location: _____

Circle One: Weekday / Friday / Weekend / Holiday

Circle One: High Tide / Mid Tide / Low Tide

Circle One: Spring Tide / Neap Tide

Binoculars Used (*Circle one*): Yes / No

RECREATION:

Number of people on beach: _____

Number of people *in water* : _____ (*swimming or bathing*)

Number of recreational boats (by category):

<i>Type</i>	<i>Number</i>	<i>Type</i>	<i>Number</i>
Powerboats:		Kayaks/Canoes (recreational)	
Jet skis:		Windsurfing / Kiteboarding	
Dhows/Sailboats:		Others	

FISHING:

Number of fishing vessels (*boat, canoe, surfboard*): _____

Number of fishers in vessels (or associated w/vessels): _____

Number of fishers swimming/walking (*no vessel*): _____

Fishing Gear (*If gears are used in a boat, don't try to specify number of gears (e.g. traps or lines). Simply record number of boats.*)

<i>Type</i>	<i>Number</i>	<i>Type</i>	<i>Number</i>
Boats using hook/line		Fence Traps (# fences)	
Boats using ring nets / mtando		Other nets (gill nets, shark nets)	
Boats using basket traps		Boats using unknown gear (can't see)	
Beach seines (Juya)			



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BEACH CONDITION: *Fill out only at low tide. If it is high tide, leave blank.*

We are no longer recommending the pole method. Please find a landmark such as a tree, wall, post, etc that you can use to assess change. Make a mark on that post at the sand level, and then track how far sand moves up or down from that mark over time. You can also note any areas where it appears erosion has occurred. You will need a meter tape (e.g. sewing tape) or a ruler.

Sand erosion or deposition from marked tree, post, wall:

- a. Object being used to mark erosion: _____
- b. Sand lost or gained from mark: _____ cm *leave blank if not marked previously*
- c. Observations of erosion within 500 m of site:

- d. Were photos of erosion areas taken? *Circle one* YES / NO

Trash (10 x 10 m area above high water mark)

Type	Number	Type	Number
Plastic Bottles		Fishing lines/nets	
Plastic Straws		Rubber	
Plastic Bags		Clothes / Cloth material	
Other Plastics (pieces)		Slippers / Shoes	
Tin/Metal		Cigarettes	
Glass		Foam (e.g. buoys)	
Bottle Caps		Others	

TOTAL PIECES OF TRASH: _____ (Sum of above)

Violations: Yes / No Describe: _____

Comments: _____