

PARKS-118 - Supplementary Online Materials

Supplementary Table S1: Criteria used to select surveyed villages and the total number of FGDs conducted

Districts	Ward	Villages (n=11)	Criteria for selection	No. of FGDs per village
Malinyi	Biro	Biro, Ijia Njage Mofu	-Dominated by Ndamba and Pogoro tribes who are natives, and traditionally fishermen -Intensive crop agriculture and livestock grazing by immigrants tribes -Bordered with Kilombero main river -Existence of traditional fishing methods and tools	2
		Madabada ba	-Harbours a natural and conserved forest used for rituals (rain requesting from traditional gods) -Dominated by immigrants pastoralist tribes especially Sukuma -A large proportion of the village lies within the Ramsar wetlands	2
		Alabama	-Dominated by livestock keeping and crop farming activities -Mixed ethnic groups	2
Ulanga	Iragua	Iragua	-A proportion of the village is located within the Ramsar designated areas	2
		Magereza Namhanga	-A newly established hamlet called Mbenja is located within the Ramsar -Intensive crop farming and livestock grazing -Deforestation due to new settlements and farms.	2
	Minepa	Minepa	-Lies within the Ramsar, and it is passed by the Kilombero main river -Riparian village -River extraction for irrigation scheme	2
		Kivukoni	-Lies within the Ramsar, and it is passed with the Kilombero main river -Riparian village -Dominated by fishing activities -Different ethnic groups	2

Supplementary Table S2: Number of KIIs who were contacted during the surveys

Category of KIIs	Institution	No. KIIs	Category of KIIs	Institution	No. KIIs
Forest Officers	District Councils	3	Ward Extension Officers	Villages	6
District Agricultural Officers	District Councils	3	Village executive Officers	Village	11
District Environmental Officers	District Councils	3	Religious leaders (Christian or Muslim)	District level	5
				Villages	14
Livestock & Fisheries Officers	District Councils	3	Traditional Healers (mbuyi)	Villages/ Wards	9
Community Development Officers	District Councils	3	Village Elders – <i>mzee maarufu</i>	Villages	11
Land use planning Officers	District Councils	1	Education	Heads of Primary Schools	11
Natural Resources Officers	District Councils	2		Officers at ward level	3
Education officers	District level	3	Village Guard Scouts	Village level	3
Total		21	Total		71
				Grand Total	93