

ANNEXURE-2

TABLES

Table-1: Comparison of CZMP 2011 and draft CZMP based on CRZ Notification 2019 in Kottayam District

Local Bodies under CRZ (CZMP 2011)	Local Bodies under CRZ (CZMP 2019)	Remarks
<p>Municipalities: (1) Vaikom</p> <p>Grama Panchayats: (6) Chembu, Maravanthuruthu, Udayanapuram, T V Puram, Thalayalam and Vechoor</p>	<p>Municipalities: (1) Vaikom</p> <p>Grama Panchayats: (6) Chembu, Maravanthuruthu, Udayanapuram, T V Puram, Thalayalam and Vechoor</p>	<ul style="list-style-type: none"> ➤ As per CRZ Notification 2019, 50m NDZ/CRZ limit (for tidal water bodies) has been demarcated instead of 100m in the previous notification, however, retain width of the creek less than 50m. ➤ The islands are buffered with 50 m or width of the creek whichever is less and 20m CRZ line landward of HTL is also depicted in the map which will be considered only after IIMP is implemented. ➤ 12 islands are listed as per the CRZ 2019 notification. ➤ As per CZMP 2011, Chempu, Maravanthuruthu, Udayanapuram (North part), TV Puram Panchayats and a part of Vaikom Municipality were demarcated as Islands however the eastern part of these villages has non tidal influenced waterbody. Therefore, the above - mentioned Panchayats and Municipality were demarcated as 50m or width of the creek as NDZ/CRZ limit (for tidal water bodies). Part of Vaikom village being in Vaikom Municipality, CRZ II category has been assigned and CRZ limit marked as accordingly.

Table-2: CRZ details in Local bodies of Kottayam District

Local Bodies	HTL Length (Km)	CRZ IA (Km ²)	50m Mangrove Buffer Zone	CRZ IB (Km ²)		CRZ II (Km ²)	CRZIII (Km ²)	CRZ IVB (Km ²)
	Along Creek	Mangroves		ITZ - CRZ IB (Km ²)	Pokkali Fields/Aquaculture ponds (Km ²)	Along Creek	NDZ -Along Creek	
Chempu	22.53	0.000741		0.609446			0.796934	3.256700
Maravanthuruthu	6.31			0.021304			0.326585	1.673083
Udayanapuram	19.44			0.063134			0.571125	0.979183
Vaikom Municipality	6.43			0.012365	0.002088	0.216545	0.617991	7.434394
T.V. Puram	8.61	0.003265		0.026229	0.013979			1.674234
Thalayazham	15.73	0.002567	0.023524	0.092165	0.009199		0.568291	2.567103
Vechoor	10.29	0.002300	0.014428	0.064571			0.231860	1.552400
Sub Total	89.34	0.008873	0.037952	0.889214	0.025266	0.216545	3.112786	19.137097
Total	89.34	0.008873	0.037952	0.914480		0.216545	3.112786	19.137097
<i>*The total area may have minor changes during the stage of final map preparation</i>								

Table-3: CRZ details in Villages of Kottayam District

Local Bodies	Village	HTL Length (Km)	CRZ IA (Km ²)	50m Mangrove Buffer Zone	CRZ IB (Km ²)		CRZ II (Km ²)	CRZIII (Km ²)	CRZ IVB (Km ²)
		Along Creek	Mangroves		ITZ – CRZ IB (ha)	Pokkali Fields/ Aquaculture ponds	Along Creek	NDZ - Along Creek	
Chempu	Chempu Village	22.53	0.000741		0.609446			0.796934	3.256700
Maravanthuruthu	Kulasekharamangalam Village	6.31			0.021304			0.326585	1.673083
Udayanapuram	Vadakkemuri Village	19.44			0.063134			0.571125	0.979183
Vaikom Municipality	Naduvila Village	3.34			0.006862		0.091263	0.087176	1.556890
	Vaikom Village (Part)	3.09			0.005503	0.002088	0.12283	0.530815	5.877504
T.V. Puram	Vaikom Village	8.61	0.003265		0.026229	0.013979			1.674234
Thalayazham	Thalayazham Village	15.73	0.002567	0.023524	0.092165	0.009199		0.568291	2.567103
Vechoor	Vechoor Village	10.29	0.002300	0.014428	0.064571			0.231860	1.552400
Sub Total		89.34	0.008873	0.037952	0.889214	0.025266	0.21645	3.112786	19.137097
Total		89.34	0.008873	0.037952	0.914480		0.21645	3.112786	19.137097
<i>*The total area may have minor changes during the stage of final map preparation</i>									

Table-4: List of Coastal and Backwater Islands in Kottayam District

Island No.	Local Body	Latitude	Longitude	Area (Km²)
1	Vechoor	9° 41' 11.804" N	76° 24' 53.891" E	0.07578
2	Thalayazham	9° 41' 53.508" N	76° 24' 10.613" E	0.076318
3	Udayanapuram	9° 46' 18.320" N	76° 22' 38.448" E	0.130723
4	Maravanthuruthu	9° 47' 40.023" N	76° 22' 17.968" E	0.120974
5	Maravanthuruthu	9° 47' 49.823" N	76° 22' 25.689" E	0.044429
6	Chempu	9° 49' 12.034" N	76° 23' 3.177" E	0.010553
7	Chempu	9° 49' 19.632" N	76° 23' 11.461" E	0.122195
8	Chempu	9° 49' 18.551" N	76° 23' 0.831" E	0.035394
9	Chempu	9° 49' 29.176" N	76° 23' 2.814" E	0.136937
10	Chempu	9° 49' 42.774" N	76° 23' 11.546" E	0.280231
11	Chempu	9° 49' 58.292" N	76° 23' 3.754" E	0.050214
12	Chempu	9° 50' 16.924" N	76° 22' 39.610" E	0.050558