

CO₂e (Ton) dan Karbon Yang Tersimpan Pada Habitat Mangrove di Kawasan Teluk Laikang, Kabupaten Takalar

Titik 1

No	Kode Jenis	Keliling	Diameter	AGB	BGB	Total Biomassa	Karbon yang tersimpan (Kg)	Karbon yang tersimpan (ton)	CO ₂ e (Ton)
1	Rhizophora apiculata	27	8.60	0.035651668	0.017449039	0.053100707	0.024957332	0.0000250	0.091511051
2	Rhizophora apiculata	25	7.96	0.029502405	0.014708581	0.044210986	0.020779163	0.0000208	0.076190958
3	Rhizophora apiculata	46	14.65	0.132223688	0.056946408	0.189170096	0.088909945	0.0000889	0.326006095
4	Rhizophora apiculata	42	13.38	0.105710531	0.046532606	0.152243137	0.071554274	0.0000716	0.262368057
5	Rhizophora apiculata	27	8.60	0.035651668	0.017449039	0.053100707	0.024957332	0.0000250	0.091511051
6	Rhizophora apiculata	26	8.28	0.032490727	0.016046665	0.048537392	0.022812574	0.0000228	0.083646867
7	Rhizophora apiculata	42	13.38	0.105710531	0.046532606	0.152243137	0.071554274	0.0000716	0.262368057
8	Rhizophora apiculata	47	14.97	0.139407369	0.059731194	0.199138562	0.093595124	0.0000936	0.343185242
9	Rhizophora apiculata	22	7.01	0.021541939	0.011074453	0.032616393	0.015329704	0.0000153	0.056209427
10	Rhizophora apiculata	23	7.32	0.024031201	0.012223054	0.036254255	0.0170395	0.0000170	0.062478735
11	Rhizophora apiculata	31	9.87	0.050081205	0.02371193	0.073793135	0.034682773	0.0000347	0.127171325
12	Rhizophora apiculata	22	7.01	0.021541939	0.011074453	0.032616393	0.015329704	0.0000153	0.056209427
13	Rhizophora apiculata	22	7.01	0.021541939	0.011074453	0.032616393	0.015329704	0.0000153	0.056209427
14	Rhizophora apiculata	24	7.64	0.026683614	0.013434234	0.040117848	0.018855389	0.0000189	0.069137054
15	Rhizophora apiculata	23	7.32	0.024031201	0.012223054	0.036254255	0.0170395	0.0000170	0.062478735
16	Rhizophora apiculata	29	9.24	0.042503439	0.020448785	0.062952224	0.029587545	0.0000296	0.108488653
17	Rhizophora apiculata	11	3.50	0.003915173	0.002377036	0.006292209	0.002957338	0.0000030	0.010843672
18	Rhizophora apiculata	12	3.82	0.004849655	0.002883542	0.007733197	0.003634603	0.0000036	0.013326998
19	Rhizophora apiculata	31	9.87	0.050081205	0.02371193	0.073793135	0.034682773	0.0000347	0.127171325
20	Rhizophora apiculata	32	10.19	0.054149437	0.025443503	0.07959294	0.037408682	0.0000374	0.137166413
21	Rhizophora apiculata	22	7.01	0.021541939	0.011074453	0.032616393	0.015329704	0.0000153	0.056209427
22	Rhizophora apiculata	21	6.69	0.019212526	0.009987822	0.029200348	0.013724163	0.0000137	0.05032239
23	Rhizophora apiculata	26	8.28	0.032490727	0.016046665	0.048537392	0.022812574	0.0000228	0.083646867
24	Rhizophora apiculata	19	6.05	0.015019617	0.007997918	0.023017535	0.010818241	0.0000108	0.039667246
25	Rhizophora apiculata	18	5.73	0.01314908	0.00709331	0.020242389	0.009513923	0.0000095	0.034884701
26	Rhizophora apiculata	17	5.41	0.011424293	0.006247993	0.017672287	0.008305975	0.0000083	0.030455518
27	Rhizophora apiculata	21	6.69	0.019212526	0.009987822	0.029200348	0.013724163	0.0000137	0.05032239
28	Rhizophora apiculata	17	5.41	0.011424293	0.006247993	0.017672287	0.008305975	0.0000083	0.030455518
29	Rhizophora apiculata	16	5.10	0.009841474	0.005461228	0.015302702	0.00719227	0.0000072	0.026371897
30	Rhizophora apiculata	22	7.01	0.021541939	0.011074453	0.032616393	0.015329704	0.0000153	0.056209427
31	Rhizophora apiculata	23	7.32	0.024031201	0.012223054	0.036254255	0.0170395	0.0000170	0.062478735
32	Rhizophora apiculata	24	7.64	0.026683614	0.013434234	0.040117848	0.018855389	0.0000189	0.069137054
33	Rhizophora apiculata	26	8.28	0.032490727	0.016046665	0.048537392	0.022812574	0.0000228	0.083646867
34	Rhizophora apiculata	19	6.05	0.015019617	0.007997918	0.023017535	0.010818241	0.0000108	0.039667246
35	Rhizophora apiculata	18	5.73	0.01314908	0.00709331	0.020242389	0.009513923	0.0000095	0.034884701
36	Rhizophora apiculata	17	5.41	0.011424293	0.006247993	0.017672287	0.008305975	0.0000083	0.030455518
37	Rhizophora apiculata	16	5.10	0.009841474	0.005461228	0.015302702	0.00719227	0.0000072	0.026371897

No	Kode Jenis	Keliling	Diameter	AGB	BGB	Total Biomassa	Karbon yang tersimpan (Kg)	Karbon yang tersimpan (ton)	CO2e (Ton)
38	Rhizophora apiculata	19	6.05	0.015019617	0.007997918	0.023017535	0.010818241	0.0000108	0.039667246
39	Rhizophora apiculata	20	6.37	0.017039576	0.008962528	0.026002104	0.012220989	0.0000122	0.044810701
40	Rhizophora apiculata	20	6.37	0.017039576	0.008962528	0.026002104	0.012220989	0.0000122	0.044810701
41	Rhizophora apiculata	21	6.69	0.019212526	0.009987822	0.029200348	0.013724163	0.0000137	0.05032239
42	Rhizophora apiculata	22	7.01	0.021541939	0.011074453	0.032616393	0.015329704	0.0000153	0.056209427
43	Rhizophora apiculata	21	6.69	0.019212526	0.009987822	0.029200348	0.013724163	0.0000137	0.05032239
44	Rhizophora apiculata	23	7.32	0.024031201	0.012223054	0.036254255	0.0170395	0.0000170	0.062478735
45	Rhizophora apiculata	26	8.28	0.032490727	0.016046665	0.048537392	0.022812574	0.0000228	0.083646867
	Total						0.998482129	0.0009985	3.6611344

Titik 2.

No	Kode Jenis	Keliling	Diameter	AGB	BGB	Total Biomassa	Karbon yang tersimpan (Kg)	Karbon yang tersimpan (ton)	CO2e (Ton)
1	Rhizophora apiculata	26	8.28	0.032490727	0.016046665	0.048537392	0.022812574	0.0000228	0.083646867
2	Rhizophora apiculata	28	8.92	0.038988251	0.018916238	0.05790449	0.02721511	0.0000272	0.099789644
3	Rhizophora apiculata	33	10.51	0.058407591	0.027242371	0.085649961	0.040255482	0.0000403	0.147604775
4	Rhizophora apiculata	30	9.55	0.046200139	0.022047184	0.068247324	0.032076242	0.0000321	0.117613957
5	Rhizophora apiculata	24	7.64	0.026683614	0.013434234	0.040117848	0.018855389	0.0000189	0.069137054
6	Rhizophora apiculata	23	7.32	0.024031201	0.012223054	0.036254255	0.0170395	0.0000170	0.062478735
7	Rhizophora apiculata	25	7.96	0.029502405	0.014708581	0.044210986	0.020779163	0.0000208	0.076190958
8	Rhizophora apiculata	19	6.05	0.015019617	0.007997918	0.023017535	0.010818241	0.0000108	0.039667246
9	Rhizophora apiculata	18	5.73	0.01314908	0.00709331	0.020242389	0.009513923	0.0000095	0.034884701
10	Rhizophora apiculata	21	6.69	0.019212526	0.009987822	0.029200348	0.013724163	0.0000137	0.05032239
11	Rhizophora apiculata	22	7.01	0.021541939	0.011074453	0.032616393	0.015329704	0.0000153	0.056209427
12	Rhizophora apiculata	20	6.37	0.017039576	0.008962528	0.026002104	0.012220989	0.0000122	0.044810701
13	Rhizophora apiculata	23	7.32	0.024031201	0.012223054	0.036254255	0.0170395	0.0000170	0.062478735
14	Rhizophora apiculata	24	7.64	0.026683614	0.013434234	0.040117848	0.018855389	0.0000189	0.069137054
15	Rhizophora apiculata	23	7.32	0.024031201	0.012223054	0.036254255	0.0170395	0.0000170	0.062478735
16	Rhizophora apiculata	22	7.01	0.021541939	0.011074453	0.032616393	0.015329704	0.0000153	0.056209427
17	Rhizophora apiculata	18	5.73	0.01314908	0.00709331	0.020242389	0.009513923	0.0000095	0.034884701
18	Rhizophora apiculata	17	5.41	0.011424293	0.006247993	0.017672287	0.008305975	0.0000083	0.030455518
19	Rhizophora apiculata	19	6.05	0.015019617	0.007997918	0.023017535	0.010818241	0.0000108	0.039667246
20	Rhizophora apiculata	31	9.87	0.050081205	0.02371193	0.073793135	0.034682773	0.0000347	0.127171325
21	Rhizophora apiculata	32	10.19	0.054149437	0.025443503	0.07959294	0.037408682	0.0000374	0.137166413
22	Rhizophora apiculata	26	8.28	0.032490727	0.016046665	0.048537392	0.022812574	0.0000228	0.083646867
23	Rhizophora apiculata	23	7.32	0.024031201	0.012223054	0.036254255	0.0170395	0.0000170	0.062478735

No	Kode Jenis	Keliling	Diameter	AGB	BGB	Total Biomassa	Karbon yang tersimpan (Kg)	Karbon yang tersimpan (ton)	CO2e (Ton)
24	Rhizophora apiculata	31	9.87	0.050081205	0.02371193	0.073793135	0.034682773	0.0000347	0.127171325
25	Rhizophora apiculata	30	9.55	0.046200139	0.022047184	0.068247324	0.032076242	0.0000321	0.117613957
26	Rhizophora apiculata	29	9.24	0.042503439	0.020448785	0.062952224	0.029587545	0.0000296	0.108488653
27	Rhizophora apiculata	28	8.92	0.038988251	0.018916238	0.05790449	0.02721511	0.0000272	0.099789644
28	Rhizophora apiculata	31	9.87	0.050081205	0.02371193	0.073793135	0.034682773	0.0000347	0.127171325
29	Rhizophora apiculata	31	9.87	0.050081205	0.02371193	0.073793135	0.034682773	0.0000347	0.127171325
30	Rhizophora apiculata	30	9.55	0.046200139	0.022047184	0.068247324	0.032076242	0.0000321	0.117613957
31	Rhizophora apiculata	23	7.32	0.024031201	0.012223054	0.036254255	0.0170395	0.0000170	0.062478735
32	Rhizophora apiculata	21	6.69	0.019212526	0.009987822	0.029200348	0.013724163	0.0000137	0.05032239
33	Rhizophora apiculata	19	6.05	0.015019617	0.007997918	0.023017535	0.010818241	0.0000108	0.039667246
34	Rhizophora apiculata	18	5.73	0.01314908	0.00709331	0.020242389	0.009513923	0.0000095	0.034884701
35	Rhizophora apiculata	19	6.05	0.015019617	0.007997918	0.023017535	0.010818241	0.0000108	0.039667246
36	Rhizophora apiculata	23	7.32	0.024031201	0.012223054	0.036254255	0.0170395	0.0000170	0.062478735
37	Rhizophora apiculata	24	7.64	0.026683614	0.013434234	0.040117848	0.018855389	0.0000189	0.069137054
38	Rhizophora apiculata	26	8.28	0.032490727	0.016046665	0.048537392	0.022812574	0.0000228	0.083646867
39	Rhizophora apiculata	28	8.92	0.038988251	0.018916238	0.05790449	0.02721511	0.0000272	0.099789644
40	Rhizophora apiculata	34	10.83	0.062858373	0.029108991	0.091967363	0.043224661	0.0000432	0.158491864
41	Rhizophora apiculata	31	9.87	0.050081205	0.02371193	0.073793135	0.034682773	0.0000347	0.127171325
42	Rhizophora apiculata	32	10.19	0.054149437	0.025443503	0.07959294	0.037408682	0.0000374	0.137166413
43	Rhizophora apiculata	19	6.05	0.015019617	0.007997918	0.023017535	0.010818241	0.0000108	0.039667246
44	Rhizophora apiculata	13	4.14	0.005905078	0.003444278	0.009349356	0.004394197	0.0000044	0.016112203
45	Rhizophora apiculata	29	9.24	0.042503439	0.020448785	0.062952224	0.029587545	0.0000296	0.108488653
46	Rhizophora apiculata	22	7.01	0.021541939	0.011074453	0.032616393	0.015329704	0.0000153	0.056209427
47	Rhizophora apiculata	27	8.60	0.035651668	0.017449039	0.053100707	0.024957332	0.0000250	0.091511051
48	Rhizophora apiculata	31	9.87	0.050081205	0.02371193	0.073793135	0.034682773	0.0000347	0.127171325
Total							1.057412257	0.0010574	3.8772135

Titik 3.

No	Kode Jenis	Keliling	Diameter	AGB	BGB	Total Biomassa	Karbon yang tersimpan (Kg)	Karbon yang tersimpan (ton)	CO2e (Ton)
1	Avicennia sp	24	7.64	0.022423205	0.011489369	0.033912575	0.01593891	0.0000159	0.058443201
2	Avicennia sp	35	11.15	0.056726427	0.026549619	0.083276045	0.039139741	0.0000391	0.14351369
3	Avicennia sp	26	8.28	0.027303132	0.0137236	0.041026733	0.019282564	0.0000193	0.070703379
4	Rhizophora apiculata	34	10.83	0.062858373	0.029108991	0.091967363	0.043224661	0.0000432	0.158491864
5	Rhizophora apiculata	33	10.51	0.058407591	0.027242371	0.085649961	0.040255482	0.0000403	0.147604775
6	Rhizophora apiculata	23	7.32	0.024031201	0.012223054	0.036254255	0.0170395	0.0000170	0.062478735

No	Kode Jenis	Keliling	Diameter	AGB	BGB	Total Biomassa	Karbon yang tersimpan (Kg)	Karbon yang tersimpan (ton)	CO2e (Ton)
7	Rhizophora apiculata	36	11.46	0.072348437	0.033047263	0.1053957	0.049535979	0.0000495	0.181633574
8	Rhizophora apiculata	24	7.64	0.026683614	0.013434234	0.040117848	0.018855389	0.0000189	0.069137054
9	Rhizophora apiculata	31	9.87	0.050081205	0.02371193	0.073793135	0.034682773	0.0000347	0.127171325
10	Rhizophora apiculata	32	10.19	0.054149437	0.025443503	0.07959294	0.037408682	0.0000374	0.137166413
11	Rhizophora apiculata	25	7.96	0.029502405	0.014708581	0.044210986	0.020779163	0.0000208	0.076190958
12	Rhizophora apiculata	26	8.28	0.032490727	0.016046665	0.048537392	0.022812574	0.0000228	0.083646867
13	Rhizophora apiculata	29	9.24	0.042503439	0.020448785	0.062952224	0.029587545	0.0000296	0.108488653
14	Rhizophora apiculata	21	6.69	0.019212526	0.009987822	0.029200348	0.013724163	0.0000137	0.05032239
15	Rhizophora apiculata	23	7.32	0.024031201	0.012223054	0.036254255	0.0170395	0.0000170	0.062478735
16	Rhizophora apiculata	31	9.87	0.050081205	0.02371193	0.073793135	0.034682773	0.0000347	0.127171325
17	Rhizophora apiculata	30	9.55	0.046200139	0.022047184	0.068247324	0.032076242	0.0000321	0.117613957
18	Rhizophora apiculata	33	10.51	0.058407591	0.027242371	0.085649961	0.040255482	0.0000403	0.147604775
19	Rhizophora apiculata	32	10.19	0.054149437	0.025443503	0.07959294	0.037408682	0.0000374	0.137166413
20	Rhizophora apiculata	34	10.83	0.062858373	0.029108991	0.091967363	0.043224661	0.0000432	0.158491864
21	Rhizophora apiculata	29	9.24	0.042503439	0.020448785	0.062952224	0.029587545	0.0000296	0.108488653
22	Rhizophora apiculata	29	9.24	0.042503439	0.020448785	0.062952224	0.029587545	0.0000296	0.108488653
23	Rhizophora apiculata	29	9.24	0.042503439	0.020448785	0.062952224	0.029587545	0.0000296	0.108488653
24	Rhizophora apiculata	28	8.92	0.038988251	0.018916238	0.05790449	0.02721511	0.0000272	0.099789644
25	Rhizophora apiculata	24	7.64	0.026683614	0.013434234	0.040117848	0.018855389	0.0000189	0.069137054
26	Rhizophora apiculata	27	8.60	0.035651668	0.017449039	0.053100707	0.024957332	0.0000250	0.091511051
27	Rhizophora apiculata	31	9.87	0.050081205	0.02371193	0.073793135	0.034682773	0.0000347	0.127171325
28	Rhizophora apiculata	30	9.55	0.046200139	0.022047184	0.068247324	0.032076242	0.0000321	0.117613957
29	Rhizophora apiculata	32	10.19	0.054149437	0.025443503	0.07959294	0.037408682	0.0000374	0.137166413
30	Rhizophora apiculata	34	10.83	0.062858373	0.029108991	0.091967363	0.043224661	0.0000432	0.158491864
31	Rhizophora apiculata	21	6.69	0.019212526	0.009987822	0.029200348	0.013724163	0.0000137	0.05032239
32	Rhizophora apiculata	25	7.96	0.029502405	0.014708581	0.044210986	0.020779163	0.0000208	0.076190958
33	Rhizophora apiculata	27	8.60	0.035651668	0.017449039	0.053100707	0.024957332	0.0000250	0.091511051
34	Rhizophora apiculata	28	8.92	0.038988251	0.018916238	0.05790449	0.02721511	0.0000272	0.099789644
35	Rhizophora apiculata	22	7.01	0.021541939	0.011074453	0.032616393	0.015329704	0.0000153	0.056209427
36	Rhizophora apiculata	31	9.87	0.050081205	0.02371193	0.073793135	0.034682773	0.0000347	0.127171325
37	Rhizophora apiculata	30	9.55	0.046200139	0.022047184	0.068247324	0.032076242	0.0000321	0.117613957
38	Rhizophora apiculata	33	10.51	0.058407591	0.027242371	0.085649961	0.040255482	0.0000403	0.147604775
39	Sonneratia sp	14	4.46	0.006252336	0.003628112	0.009880448	0.00464381	0.0000046	0.01702746
40	Sonneratia sp	12	3.82	0.004279108	0.00257667	0.006855777	0.003222215	0.0000032	0.011814897
Total							1.13102329	0.0011310	4.1471231

Titik 4.

No	Kode Jenis	Keliling	Diameter	AGB	BGB	Total Biomassa	Karbon yang tersimpan (Kg)	Karbon yang tersimpan (ton)	CO2e (Ton)
1	Rhizophora apiculata	15	4.78	0.008396717	0.004732238	0.013128954	0.006170608	0.00000617	0.02262577
2	Rhizophora apiculata	16	5.10	0.009841474	0.005461228	0.015302702	0.00719227	0.00000719	0.026371897
3	Rhizophora apiculata	24	7.64	0.026683614	0.013434234	0.040117848	0.018855389	0.00001886	0.069137054
4	Rhizophora apiculata	19	6.05	0.015019617	0.007997918	0.023017535	0.010818241	0.00001082	0.039667246
5	Rhizophora apiculata	39	12.42	0.088093514	0.039473658	0.127567172	0.059956571	0.00005996	0.219842758
6	Rhizophora apiculata	14	4.46	0.007085981	0.004060207	0.011146188	0.005238708	0.00000524	0.019208772
7	Rhizophora apiculata	26	8.28	0.032490727	0.016046665	0.048537392	0.022812574	0.00002281	0.083646867
8	Rhizophora apiculata	23	7.32	0.024031201	0.012223054	0.036254255	0.0170395	0.00001704	0.062478735
9	Rhizophora apiculata	24	7.64	0.026683614	0.013434234	0.040117848	0.018855389	0.00001886	0.069137054
10	Rhizophora apiculata	19	6.05	0.015019617	0.007997918	0.023017535	0.010818241	0.00001082	0.039667246
11	Rhizophora apiculata	18	5.73	0.01314908	0.00709331	0.020242389	0.009513923	0.00000951	0.034884701
12	Rhizophora apiculata	22	7.01	0.021541939	0.011074453	0.032616393	0.015329704	0.00001533	0.056209427
13	Rhizophora apiculata	21	6.69	0.019212526	0.009987822	0.029200348	0.013724163	0.00001372	0.05032239
14	Rhizophora apiculata	27	8.60	0.035651668	0.017449039	0.053100707	0.024957332	0.00002496	0.091511051
15	Rhizophora apiculata	18	5.73	0.01314908	0.00709331	0.020242389	0.009513923	0.00000951	0.034884701
16	Rhizophora apiculata	13	4.14	0.005905078	0.003444278	0.009349356	0.004394197	0.00000439	0.016112203
17	Rhizophora apiculata	16	5.10	0.009841474	0.005461228	0.015302702	0.00719227	0.00000719	0.026371897
18	Rhizophora apiculata	22	7.01	0.021541939	0.011074453	0.032616393	0.015329704	0.00001533	0.056209427
19	Rhizophora apiculata	23	7.32	0.024031201	0.012223054	0.036254255	0.0170395	0.00001704	0.062478735
20	Rhizophora apiculata	27	8.60	0.035651668	0.017449039	0.053100707	0.024957332	0.00002496	0.091511051
21	Rhizophora apiculata	28	8.92	0.038988251	0.018916238	0.05790449	0.02721511	0.00002722	0.099789644
22	Rhizophora apiculata	31	9.87	0.050081205	0.02371193	0.073793135	0.034682773	0.00003468	0.127171325
23	Rhizophora apiculata	23	7.32	0.024031201	0.012223054	0.036254255	0.0170395	0.00001704	0.062478735
24	Rhizophora apiculata	21	6.69	0.019212526	0.009987822	0.029200348	0.013724163	0.00001372	0.05032239
25	Rhizophora apiculata	20	6.37	0.017039576	0.008962528	0.026002104	0.012220989	0.00001222	0.044810701
26	Rhizophora apiculata	19	6.05	0.015019617	0.007997918	0.023017535	0.010818241	0.00001082	0.039667246
27	Rhizophora apiculata	15	4.78	0.008396717	0.004732238	0.013128954	0.006170608	0.00000617	0.02262577
28	Rhizophora apiculata	16	5.10	0.009841474	0.005461228	0.015302702	0.00719227	0.00000719	0.026371897
29	Rhizophora apiculata	18	5.73	0.01314908	0.00709331	0.020242389	0.009513923	0.00000951	0.034884701
30	Sonneratia sp	12	3.82	0.004279108	0.00257667	0.006855777	0.003222215	0.00000322	0.011814897
31	Sonneratia sp	12	3.82	0.004279108	0.00257667	0.006855777	0.003222215	0.00000322	0.011814897
32	Sonneratia sp	14	4.46	0.006252336	0.003628112	0.009880448	0.00464381	0.00000464	0.01702746
33	Sonneratia sp	16	5.10	0.008683654	0.004880033	0.013563687	0.006374933	0.00000637	0.023374966
34	Sonneratia sp	12	3.82	0.004279108	0.00257667	0.006855777	0.003222215	0.00000322	0.011814897
Total							0.478972511	0.00047897	1.7562485

Karbon Yang Tersimpan di Tanah Kawasan Teluk Laikang, Kabupaten Takalar