

Table S1. Potential distribution of *Rhizophora mangle* in Baja California Sur under different scenarios of climate change.

Potencial distribución model	Reference year	Area (km ²)	Difference to (%)
Current		15,191.90	-----
ACCESS-CM2 Ssp2 4.5 2050	2050	16,587.68	9.19
ACCESS-CM2 Ssp2 4.5 2070	2070	17,615.38	15.95
ACCESS-CM2 Ssp5 8.5 2050	2050	15,287.36	0.63
ACCESS-CM2 Ssp5 8.5 2070	2070	12,944.72	-14.79
EC-Earth3-Veg Ssp2 4.5 2050	2050	20,185.06	32.87
EC-Earth3-Veg Ssp2 4.5 2070	2070	18,759.18	23.48
EC-Earth3-Veg Ssp5 8.5 2050	2050	21,090.64	38.83
EC-Earth3-Veg Ssp5 8.5 2070	2070	17,631.72	16.06
MPI-ESM1-2-HR Ssp2 4.5 2050	2050	20,655.48	35.96
MPI-ESM1-2-HR Ssp2 4.5 2070	2070	23,754.06	56.36
MPI-ESM1-2-HR Ssp5 8.5 2050	2050	20,756.96	36.63
MPI-ESM1-2-HR Ssp5 8.5 2070	2070	18,735.96	23.33

Figure S1. Overlapping of potential distribution projections of *Rhizophora mangle* in Baja California Sur.

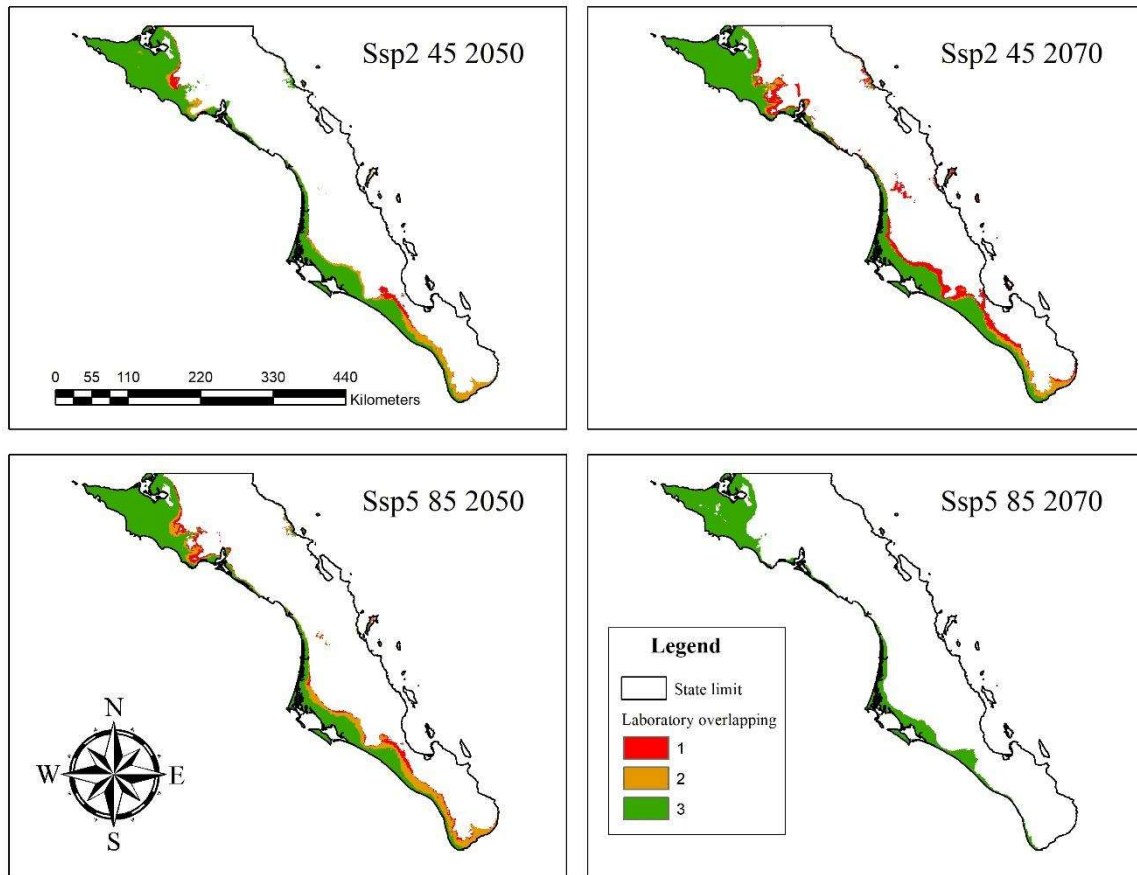


Table S2. Potential distribution surface by GCMs overlapping

Projection	GCM overlapping	Area (km ²)
Ssp2 45 2050	1	853.98

	2	3,215.54
	3	16,115.54
Ssp2 45 2070	1	4,463.40
	2	2,377.90
	3	16,969.52
Ssp5 85 2050	1	2,044.22
	2	4,654.32
	3	15,260.70
Ssp5 85 2070	1	2.58
	2	8.60
	3	12,934.40