

Supplementary Table S5 Area and proportion of MSPA under different scenarios

Scenario	Landscape type	Percentage of total MSPA area (%)	Area (km ²)
2020	Core	59.4%	150,956
	Islet	7.6%	19,415
	Perforation	11.6%	29,549
	Edge	0.02%	54
	Loop	3.4%	8,515
	Bridge	11.8%	30,053
	Branch	6.1%	15,519
SSP119-2030	Core	75.4%	209,509
	Islet	3.6%	9,933
	Perforation	9.3%	25,992
	Edge	0.02%	69
	Loop	2.1%	5,949
	Bridge	6.1%	16,899
	Branch	3.5%	9,671
SSP245-2030	Core	68.7%	166,879
	Islet	4.9%	11,928
	Perforation	11.4%	27,669
	Edge	0.1%	295
	Loop	2.6%	6,395
	Bridge	7.6%	18,422
	Branch	4.6%	11,260
SSP545-2030	Core	66.6%	166,428
	Islet	5.8%	14,479
	Perforation	11.5%	28,779
	Edge	0.02%	46
	Loop	2.7%	6,706
	Bridge	8.8%	22,099
	Branch	4.6%	11,460