

## How effective is the MERCOSUR's network of protected areas in representing South America's ecoregions?

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### Appendix

Southern South American ecoregions within the MERCOSUR and proportion of each ecoregion officially protected. Note that when only the areas in IUCN categories I–IV are considered the proportion of ecoregions protected decreases dramatically.

Ecoregion	% of MERCOSUR	% of areas officially protected	% of areas in categories I–VI	% of areas in categories I–IV
Alta Parana Atlantic forests	3.5	3.6	3.2	1.7
Amapa mangroves	0.0	0.0	0.0	0.0
Araucaria moist forests	1.6	2.3	2.3	0.8
Argentine Espinal	0.8	0.1	0.1	0.0
Argentine Monte	3.0	4.4	4.4	1.0
Arid Chaco	0.7	1.8	1.8	1.6
Atacama desert	0.8	1.0	1.0	1.0
Atlantic Coast restingas	0.1	2.2	2.2	2.1
Atlantic dry forests	0.8	4.6	4.6	4.6
Bahia coastal forests	0.8	1.8	1.3	1.2
Bahia interior forests	1.7	1.6	1.6	1.1
Bahia mangroves	0.0	10.9	0.0	0.0
Beni savannah	0.9	0.0	0.0	0.0
Bolivian montane dry forests	0.6	1.1	1.1	0.2
Bolivian Yungas	0.6	50.6	50.6	27.4
Cordoba montane savannah	0.4	1.2	1.2	0.8
Caatinga	5.4	2.1	2.1	0.8
Caatinga Enclaves moist forests	0.0	7.0	7.0	0.2
Campos Rupestres montane savannah	0.2	19.5	19.5	2.5
Caqueta moist forests	0.1	91.3	1.4	0.0
Central Andean dry puna	2.2	13.6	13.6	6.0
Central Andean puna	0.7	22.8	22.8	6.3
Central Andean wet puna	0.1	3.7	3.7	3.7
Cerrado	14.0	6.6	2.8	2.3
Chaco	4.5	10.6	10.5	5.7
Chilean matorral	1.1	0.9	0.9	0.9
Chiquitano dry forests	1.7	16.2	14.7	0.6
Guayanan Highlands moist forests	0.8	82.8	0.9	0.9
Guianan mangroves	0.0	0.0	0.0	0.0
Guianan moist forests	0.5	40.3	2.3	2.3
Gurupa varzea	0.1	0.0	0.0	0.0
Guyan savannah	0.6	56.5	0.3	0.0
Humid Chaco	2.4	6.5	6.4	0.6
Humid Pampas	1.8	0.2	0.2	0.1
Ilha Grande mangroves	0.0	11.5	11.5	11
Iquitos varzea	0.2	29	1.5	0.0
Japura-Solimoes-Negro moist forests	1.7	43.7	16.0	11.2
Jurua-Purus moist forests	1.8	18.2	4.3	1.2
Madeira-Tapajos moist forests	5.3	23.5	11.7	5.1
Magellanic subpolar forests	1.0	71.0	71.0	68.5
Marajo Varzea forests	0.6	73.9	73.4	12.7
Maranhao Babacu forests	1.0	5.8	2.8	0.0
Maranhao mangroves	0.1	0.5	0.5	0.3
Mato Grosso seasonal forests	3.0	16.2	0.0	0.0

Ecoregion	% of MERCOSUR	% of areas officially protected	% of areas in categories I–VI	% of areas in categories I–IV
Monte Alegre varzea	0.5	13.5	9.3	0.1
Negro-Branco moist forests	0.4	46.3	45.2	45.2
Northeastern Brazil restingas	0.1	16.4	16.4	15.9
Pantanal	1.3	6.8	6.7	6.1
Para mangroves	0.0	11.3	11.3	0.0
Parana flooded savannah	0.3	0.9	0.9	0.2
Patagonian grasslands	0.4	0.1	0.1	0.1
Patagonian steppe	3.6	4.7	4.7	0.5
Pernambuco coastal forests	0.1	2.0	1.9	0.7
Pernambuco interior forests	0.2	4.0	4.0	0.9
Purus varzea	1.1	26.5	18	9.9
Purus-Madeira moist forests	1.3	5.6	5.6	0.0
Rapa Nui-Sala-y-Gomez subtropical broadleaf forest	0.0	42.7	42.7	42.7
Rio Negro campinarana	0.6	28.7	16.9	11.7
Rio Pirañas mangroves	0.0	4.4	4.4	1.3
Rio Sao Francisco mangroves	0.0	0.2	0.2	0.2
Sechura desert	0.0	0.0	0.0	0.0
Semi-arid Pampas	2.4	0.5	0.5	0.1
Serra do Mar coastal forests	0.8	20.9	20.7	11.5
Solimoes-Japura moist forest	0.3	20.5	20.5	20.5
Southern Andean steppe	1.3	15.5	15.5	15.2
Southern Andean Yungas	0.4	8.6	8.2	7.7
Southern Cone Mesopotamian savannah	0.6	0.4	0.4	0.4
Southwest Amazon moist forests	3.6	31.3	9.6	5.6
Tapajos-Xingu moist forests	2.5	35.1	6.7	0.0
Tepuis	0.0	0.0	0.0	0.0
Tocantins/Pindare moist forests	1.4	10.0	1.9	1.8
Uatuma-Trombetas moist forests	3.4	23.1	6.4	2.6
Uruguayan savannah	2.6	2.0	1.2	0.3
Valdivian temperate forests	1.8	25.2	24.9	22.7
Xingu-Tocantins-Araguaia moist forests	1.9	33.5	2.3	0.4
<i>Mean</i>	1.3	16.0	9.1	5.5
<i>Median</i>	0.8	6.8	3.2	0.9