

Using prioritizr for Colombia/ **Uso de prioritizr para Colombia**



prioritizr.net

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What data is used? / ¿Qué datos se utilizan?

	Name	Theme	weight
1	Dry Tropical Forests	Biodiversity	1.84
2	Endemic species	Biodiversity	5.00
3	High Integrity Forests (FSII)	Biodiversity	4.64
4	Wilderness	Biodiversity	2.89
5	KBAs (Global)	Biodiversity	3.34
6	Paramos	Biodiversity	5.64
7	Threatened ecosystems	Biodiversity	6.79
8	Threatened Species richness	Biodiversity	7.21
9	Underepresented Ecosystems	Biodiversity	2.23
10	Wetlands	Biodiversity	2.40
11	Mangrove ecosystem coverage	Biodiversity	2.66
12	Connectivity	Biodiversity	3.78
13	Climate adaption capacity	Climate Change Adaptation	1.06
14	Future crop suitability	Climate Change Adaptation	1.54
15	Soil susceptibility to salinization	Climate Change Adaptation	3.59
16	Soil degradation by erosion	Climate Change Adaptation	5.30
17	Environmental sensitivity index 2010	Climate Change Adaptation	4.65
18	Flood prone areas	Climate Change Adaptation	1.86
19	Biomass Carbon	Climate Change Mitigation	1.44
20	Soil Carbon	Climate Change Mitigation	5.32
21	Projected carbon emissions	Climate Change Mitigation	3.20
22	Soil Carbon Sequestration	Climate Change Mitigation	4.47
23	Current crop suitability	Human well-being	11.00
24	Total water demand	Human well-being	3.30
25	Poverty index in rural areas	Human well-being	3.32
26	Water vulnerability in drought	Human well-being	5.67
27	Water yield (average year)	Human well-being	3.24
28	Black Community Councils	Human well-being	1.24
29	Indigenous Areas	Human well-being	3.86
30	Family Farming	Human well-being	3.92
31	Overuse of land	Human well-being	1.00

How is the analysis setup?/ Como se configura el análisis

File: 03_prioritizr_COL.R

Analysis for non-technical users/ Análisis para usuarios sin experiencia técnica



Soy ELSA Colombia v2

Mapas de acción para las áreas esenciales para el soporte de la vida

Ejecutar la optimización

Parámetros globales :

¿Quiere ejecutar una priorización para Todos, Biodiversidad, Mitigación del Cambio Climático y el Bienestar Humano?

Qué métrica de costo debe ser usada:

Area

Cómo tratar con las áreas protegidas:

Locked in

Dado el problema actual de las formulaciones, es necesario establecer valores ≥ 0.001 .

Proteger el objetivo

27

Restaurar el objetivo

5

Manejar el objetivo

5

Recomendamos empezar con valores bajos para el factor de penalización del límite (por ejemplo, 1).

Editar pesos Capas de entrada Resultados + Descarga Mapa de resultados

Información sobre los pesos que van aquí

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Editar pesos Capas de entrada Resultados + Descarga Mapa de resultados

Tabla resumen de resultados

Los valores numéricos están en porcentaje.

	Name	Theme	All_action
1	Dry Tropical Forests	Biodiversity	50
2	Endemic species	Biodiversity	56
3	High Integrity Forests (FSII)	Biodiversity	40
4	Wilderness	Biodiversity	46
5	KBAs (Global)	Biodiversity	89
6	Paramos	Biodiversity	86
7	Threatened ecosystems	Biodiversity	58
8	Threatened Species richness	Biodiversity	42
9	Underepresented Ecosystems	Biodiversity	31

Showing 1 to 9 of 31 entries

Previous **1** 2 3 4 Next

Descarga de resultados (capas de salida):

[Download](#)

Descarga de resultados (tabla resumen):

[Download](#)

Code review of Shiny app/ Revisión del código de la app Shiny