

What are Terrestrial Protected Areas?



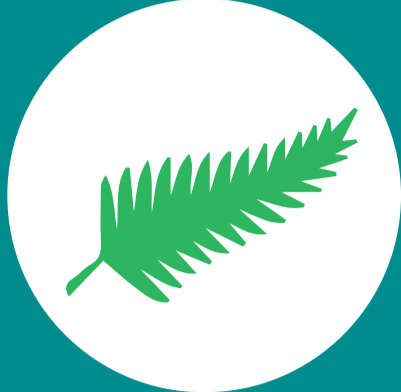
Two Terrestrial Protected Areas indicators measure the percentage of terrestrial habitat under protected status.

Habitat Conservation

How well protected areas are managed, the strength of the legal protections extended to them, and the actual outcomes on the ground are all vital elements of a comprehensive assessment of effective conservation.

15 Different Biomes of Terrestrial Protected Areas

Forests



Tropical & Subtropical Moist Broadleaf Forests



Tropical & Subtropical Dry Broadleaf Forests



Tropical & Subtropical Coniferous Forests



Temperate Broadleaf and Mixed Forests



Temperate Conifer Forests



Boreal Forests and Taiga



Mediterranean Forests, Woodlands and Scrub

Grasslands, Savannas & Shrublands



Tropical & Subtropical Grasslands, Savannas and Shrublands



Temperate Grasslands, Savannas and Shrublands



Flooded Grasslands and Savannas



Montagne Grasslands and Shrublands

Others



Tundra



Deserts and Xeric Shrublands



Mangrove



Snow and Ice

Target Set by the Convention on Biological Diversity

The EPI's measurement of Terrestrial Protected Areas stems from the targets set by Convention for Biological Diversity, which establishes a conservation goal of 17 percent of terrestrial and inland water areas by 2020.

17%

of terrestrial and inland water under protection

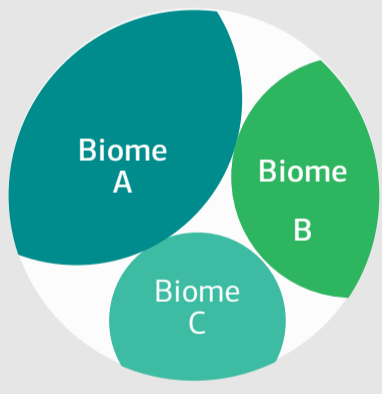
How do we know?

Two Kinds of Weighting: National & Global

EPI measures both the national and global contribution of a country's biome protection.

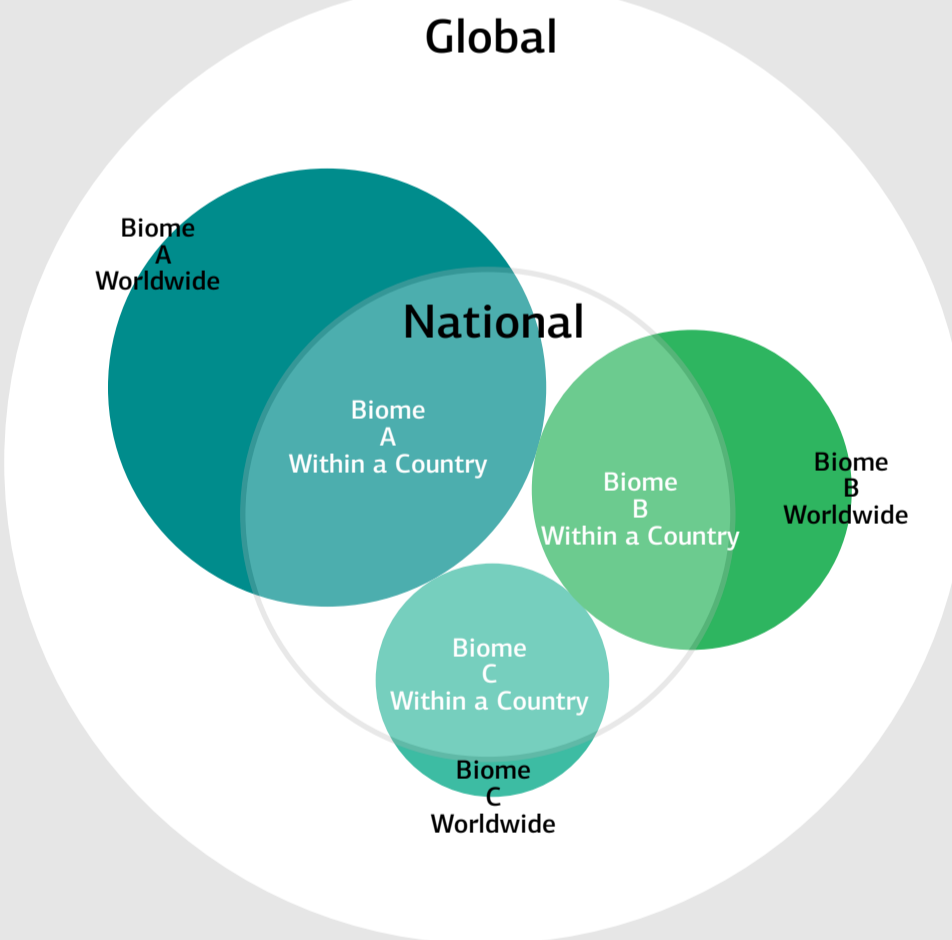
National Weight

The percentage a particular biome comprises out of a country's total biomes.



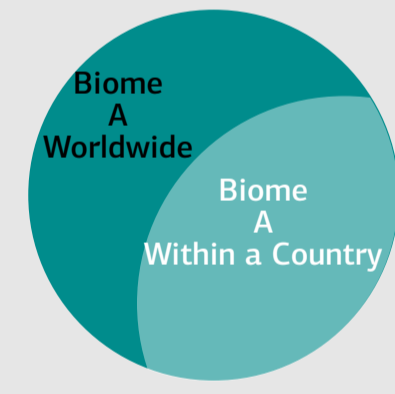
Biome A on the national level

Global



Global Weight

The percentage a particular biome within a country comprises at the global level.

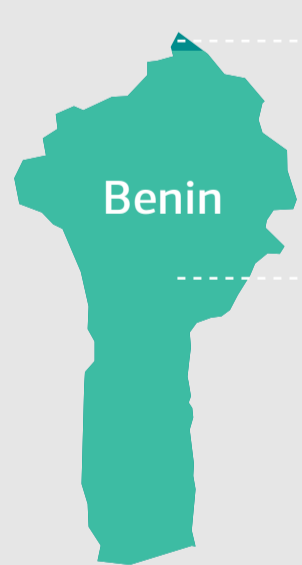


Biome A on the global level

We Weight Both Ways Because Not All Protection Efforts Are Equal

Nationally

The degree to which a tiny sliver is protected may matter less than degree to which a large area is, depending on the biome.



1% Tropical/Subtropical Moist Broadleaf Forests

99% Tropical/Subtropical Grasslands/Savannas

It matters more that Benin protects its forests than grasslands.

Globally

The degree to which a country protects a biome that is rare outside its borders may matter more than protecting a biome that is plentiful elsewhere.



0.26%

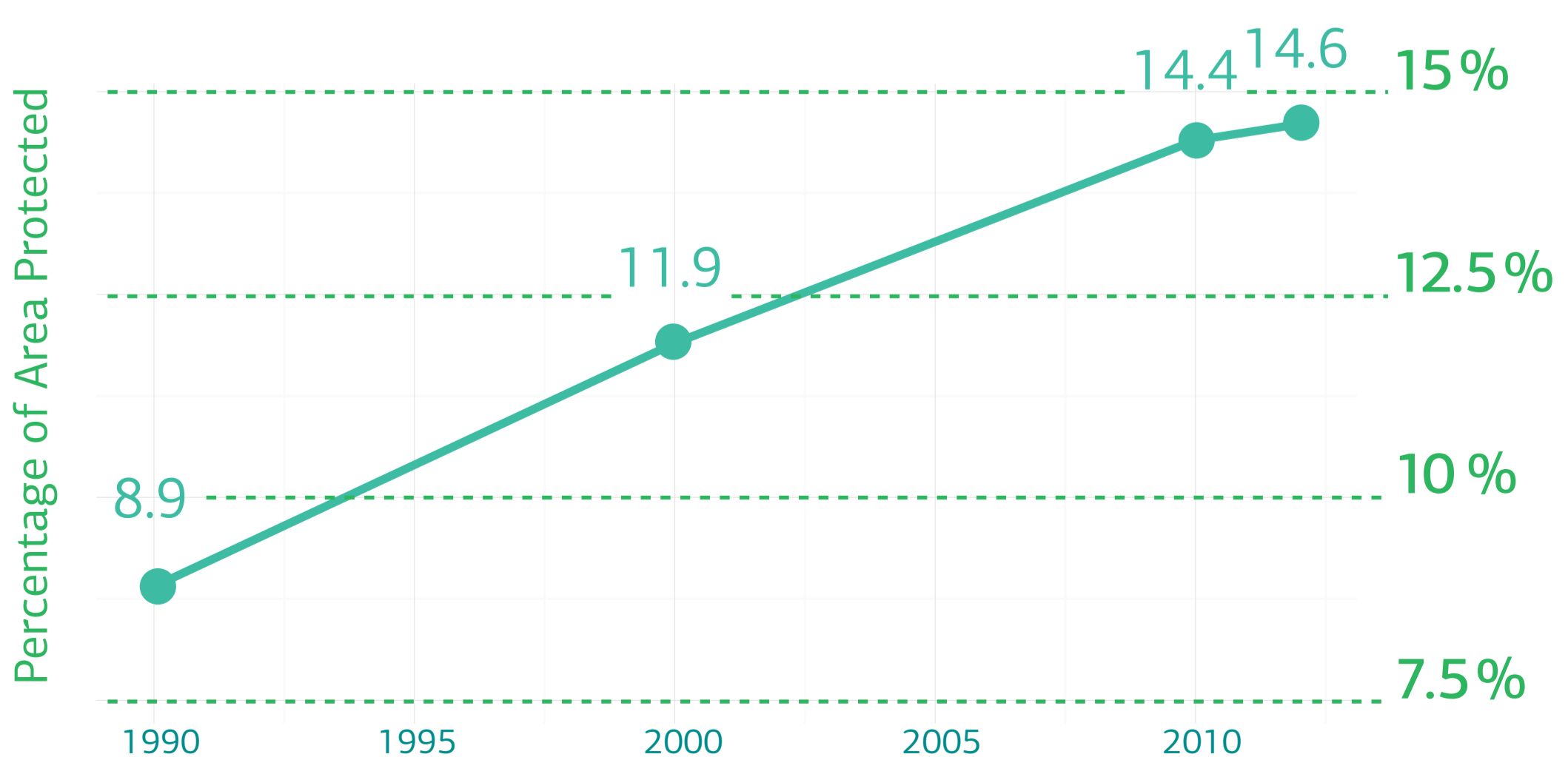
Mongolia only has 0.26% of the world's boreal forests.

65%

Russia has 65% of the world's boreal forests.

Russia slipping in protecting its boreal forests may have more dire consequences.

How is the world doing?



References

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