

Extended data 1. Land protection case descriptions.

Land protection	Description	Spatial distribution of protection	Kunming-Montreal compliant	Source
CURRENT	Current area officially designated as protected from land use and land conversion	uneven	No	Di Vittorio et al. 2022
UNIFORM30	30% of land protected in each country. Current protected area is included, and the remainder is distributed uniformly across grid cells	30% in each grid cell in each country	Yes	This study
BIODIV30	31% of land protected, spatially distributed to conserve biodiversity and constrained to be away from current land use	uneven	Yes	Allan et al. 2022
BIODIV	39% of land protected, spatially distributed and determined to be the minimum area to safeguard biodiversity	uneven	Yes	Allan et al 2022