Extended data 1. Land protection case descriptions.

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| 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 |