



The interactive carbon calculator

A tool developed by
UNEP-WCMC & CBD LifeWeb

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Background

- ◆ World is paying more attention to ecosystem carbon and what is happening to it
- ◆ Over 15% of carbon stored in terrestrial ecosystems is inside Protected Areas

What the tool can do

- ◆ Zoom into places or find them by word search
- ◆ Estimate carbon values for different areas by:
 - Selecting a protected area from the World Database on Protected Areas (WDPA); or
 - Drawing your own polygon on the map;
- ◆ Calculator will give you an estimate of
 - Tons of carbon in the area
 - Percentage overlap with Key Biodiversity Areas

What the tool can do

- ◆ For CBD LifeWeb, calculated values can feed directly into expressions of interest for protected area project funding
- ◆ This gives funding agencies an estimate about the potential contribution of the project to climate change mitigation

Merits

- ◆ Simple to use
- ◆ Raises awareness
- ◆ Provides quick, initial assessments of carbon storage

But...

- ◆ Only as good as the underlying data

So:

- ◆ Over time, it will include better data from national level and additional datasets
 - Finer scale data on carbon
 - National ecological gap analyses
 - Ecosystem services
 - Reforestation potential
 - Deforestation rates

Where to find it

- ◆ On the LifeWeb website:
<http://www.cbd.int/lifeweb>
- ◆ On UNEP-WCMC's co-benefits website:
www.carbon-biodiversity.net

And what it looks like...