

Antigua Ciudad Maya de Calakmul, Campeche, MEX

Forest Loss 2001–2025

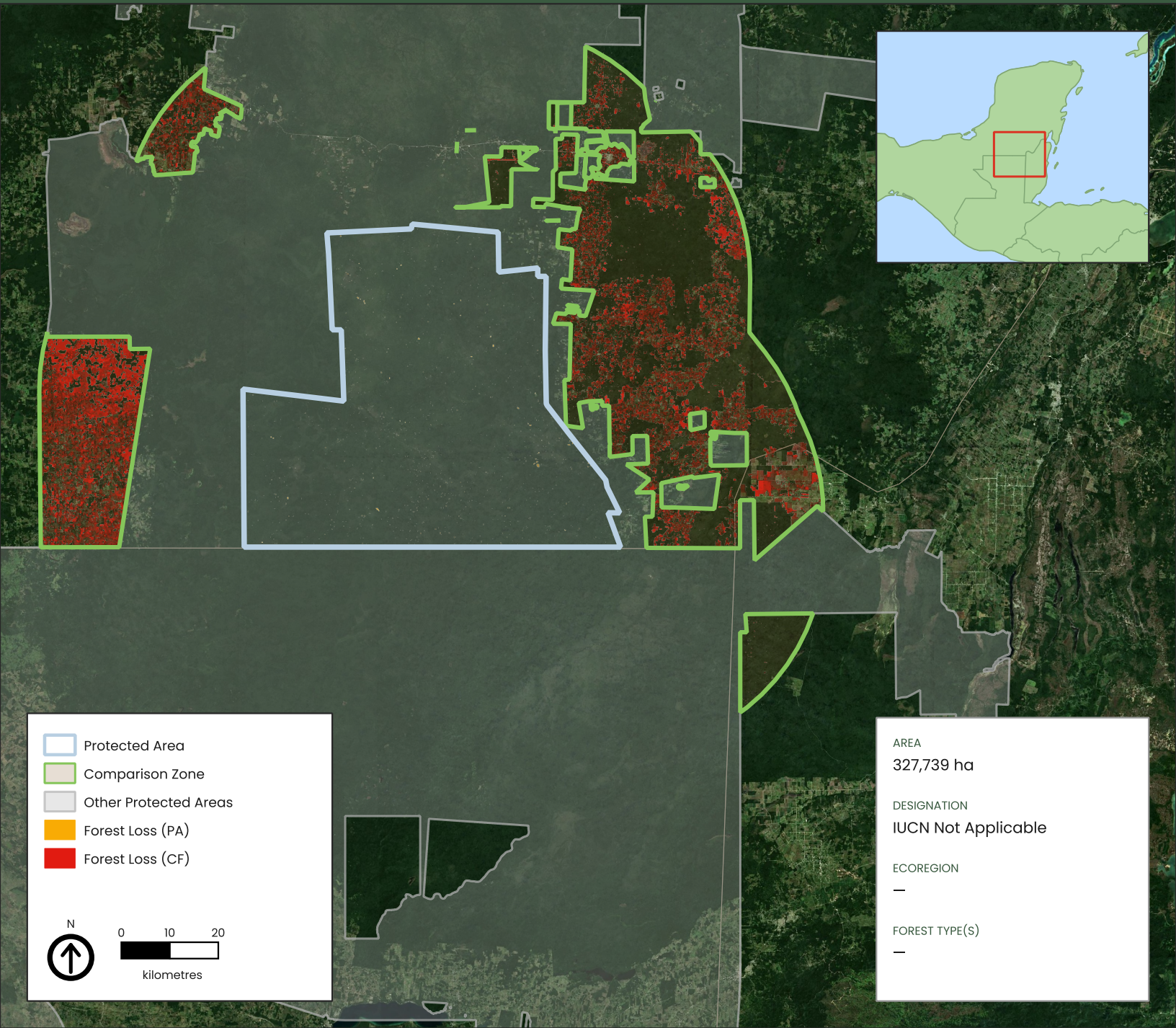
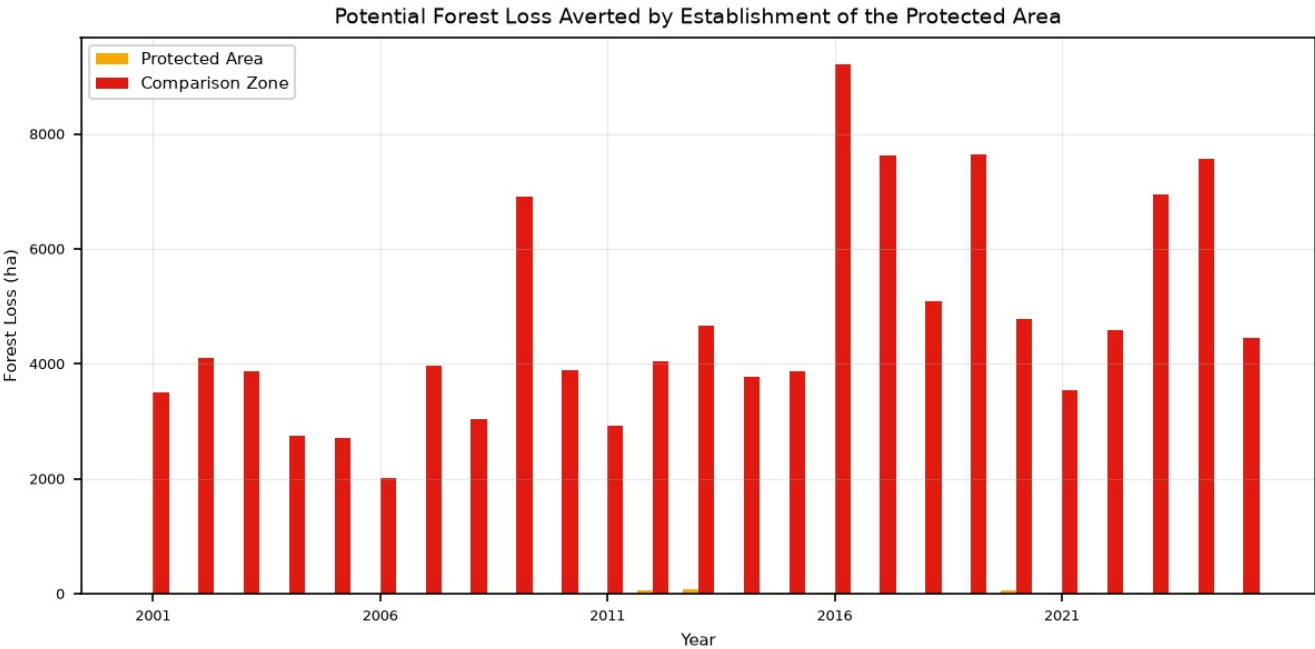


Image of protected area and/or unique wildlife

Overview of site (≈200 words)

Antigua Ciudad Maya de Calakmul, Campeche lies in Mexico, covering 327,739 hectares and designated IUCN Not Applicable. The surrounding comparison area — a 40 km terrestrial buffer excluding other protected areas — spans 3,963 km².



Interpretation of Results (≈200 words)

Over the 2001–2025 study period, Antigua Ciudad Maya de Calakmul, Campeche lost 56.0% of its forest cover on a normalized mean-loss-year basis, compared to 58.5% for the 40 km comparison zone, yielding a treatment effect of roughly 2.5% increased loss inside the protected area (equal to approximately 0.6 years of forest life lost). A canopy-height similarity of 92.7% indicates the comparison area is structurally well-matched to the protected forest.

Key Results

Protected Area Loss	56.0%
Comparison Zone Loss	58.5%
Treatment Effect	2.5%
Canopy Similarity	92.7%
Years Saved (est.)	0.6

Conclusion (≈100 words)

Protection status in Antigua Ciudad Maya de Calakmul, Campeche appears to have been ineffective at limiting deforestation within site boundaries. The protected area experienced 56.0% forest loss compared to 58.5% in the comparison area over the 2001–2025 study period.

Data Sources / Credits

- WDPA: World Database on Protected Areas — PA boundaries
- GFW/UMD: Hansen Global Forest Change v1.13 — tree cover loss (30 m)
- NASA FIRMS: MODIS TERRA/AQUA fire detections
- GSHHG v2.3.7: coastline mask for terrestrial clipping
- Natural Earth: basemap for geographic context