Indicative HCS Lampung Tengah

N

7 3.5 0 7 14 21 28 Kilometers

HCS
- Open land (OL)
- Scrub (S)
- Young regenerating forest (YRF)
- Low density forest (LDF)
- Medium density forest (MDF)
- High density forest (HDF)
- Oil palm (OP)
- Urban (Ur)
- Village boundaries
- Sub-District boundaries
- River

Spatial Reference
Name: GCS WGS 1984
GCS: GCS WGS 1984
Datum: WGS 1984
Map Units: Degree
Authority: EPSG
WKID: 4326

Indicative High Carbon Stock (2020) dataset provides 10 m resolution maps of canopy height and carbon density for Indonesia, Malaysia, and the Philippines. Using the High Carbon Stock Approach (HCSA), vegetation was stratified by estimated aboveground biomass. A deep convolutional neural network was trained on Sentinel-2 imagery with reference data from GEDI LiDAR, and calibrated with airborne LiDAR from Sabah, Borneo. The maps represent conditions between September 2020 and March 2021 and are valuable for forest monitoring, carbon stock assessment, and conservation planning.

Source: Lang, N., Schindler, K., & Wegner, J. D. (2021). High carbon stock mapping at large scale with optical satellite imagery and spaceborne LiDAR.

