



MAPBIOMAS
SURINAME

Description of the classes of land use and land cover used in the Legend of MapBiomass Suriname Collection 1.

Class Level 1	Class Level 2	Region	Description	FAO classes***	IPCC classes****	Google Earth
Forests	Forest	Coastal Area	An area mostly covered by indigenous trees. Forest resulting from degradation processes or natural succession processes, after the total or partial suppression of primary vegetation by anthropogenic actions or natural causes, and remnant trees of primary vegetation may occur.	6661	Forest Land	https://drive.google.com/drive/folders/1TUMtfWpBHp7nz8E-NhBpbDDUDNkP4cPd
		Interior				
	Mangrove	Coastal Area	Forest restricted to coastal areas dominated by halophytic trees, mostly occurring in intertidal zones.	6661	Wetland	https://drive.google.com/drive/folders/1TUMtfWpBHp7nz8E-NhBpbDDUDNkP4cPd
Natural Herbaceous and Shrub Vegetation	Wetland	Coastal Area	Mixed marsh covered mostly with palm trees and herbaceous or shrubby vegetation. The lowland wetlands are subject to periodic flooding resulting in saturated soils and vegetation adapted to wet conditions.	6662	Wetland	https://drive.google.com/drive/folders/1TUMtfWpBHp7nz8E-NhBpbDDUDNkP4cPd
		Interior				
	Grassland	Coastal Area	An area mostly covered by indigenous grass, shrubs and herbaceous plants, with few or no trees.	6662	Grassland	https://drive.google.com/drive/folders/1TUMtfWpBHp7nz8E-NhBpbDDUDNkP4cPd
		Interior				
Agricultural and Livestock Area	Agriculture	Coastal Area	Areas where the original land cover has been modified or replaced by annual, seasonal, and perennial crops. Agricultural areas may include croplands, plantations, pastures, and fallow land, and are primarily shaped by anthropogenic activities.	6602, 6610	Cropland	https://drive.google.com/drive/folders/1TUMtfWpBHp7nz8E-NhBpbDDUDNkP4cPd
		Interior				
	Mosaic of Use	Coastal Area	An area shaped by both anthropogenic actions and natural processes where multiple land cover types and human uses occur in close proximity, including cultivated fields, pastures, secondary vegetation, settlements, and remnant natural patches. Areas not mapped in other classes can occur.	6602, 6610	Settlement	https://drive.google.com/drive/folders/1TUMtfWpBHp7nz8E-NhBpbDDUDNkP4cPd
		Interior				
Non-Vegetated Area	Urban Area	Coastal Area	An area of human settlement with built-up infrastructure, including dams, airports, air strips, industrial areas, solar panels, and clustered houses and connected roads. It also includes urban development and population centers located on the peripheries that are constantly expanding.		Settlement	https://drive.google.com/drive/folders/1TUMtfWpBHp7nz8E-NhBpbDDUDNkP4cPd
		Interior				
	Mining	Coastal Area	An area used for the extraction of minerals or other geological materials, characterized by clear soil exposure and altered land surfaces. It is not differentiated whether the activity is industrial, artisanal, riverine, informal, or illegal, and all such extraction areas are included in this class.		Settlement	https://drive.google.com/drive/folders/1TUMtfWpBHp7nz8E-NhBpbDDUDNkP4cPd
		Interior				
	Other Non-Vegetated Area	Coastal Area	Natural or anthropogenic areas with little or no vegetation, not mapped in other classes.		Settlement	https://drive.google.com/drive/folders/1TUMtfWpBHp7nz8E-NhBpbDDUDNkP4cPd
		Interior				
Water	River, Lake and Ocean	Coastal Area	Extent of natural or artificial surface water. Includes rivers, lakes, reservoirs, and other bodies of water.	6680, 6773	Wetland	https://drive.google.com/drive/folders/1TUMtfWpBHp7nz8E-NhBpbDDUDNkP4cPd
		Interior				
Not Observed						

*** FAO: 2019 Refinement to the 2006 IPCC Guidelines for National Greenhouse Gas Inventories, Volume 4: Agriculture, Forestry and Other Land Use, Chapter 3: Consistent Representation of Lands, pp 3.9-3.10. Link: https://www.ipcc.ch/report/2019-refinement-to-the-2006-ipcc-guidelines-for-national-greenhouse-gas-inventories/
**** IPCC: LAND USE, IRRIGATION AND AGRICULTURAL PRACTICES - DEFINITIONS (2017). Link: https://www.fao.org/fileadmin/templates/ess/ess_test_folder/Definitions/Land_Use_Definitions_FAOSTAT.xlsx