**CLASSIFICATION CLASSES BASED ON UNITED NATIONS CLASSIFICATION**

1. CULTIVATED AND CULTIVATED TERRESTRIAL AREAS

These are areas where natural vegetation has been removed or modified and replaced other vegetative cover of anthropogenic origin. This vegetation is artificial and requires human intervention and requires human intervention to maintain it in the long run.

All vegetation planted or cultivated with an intent to harvest is included in this classes, for instance, wheat fields, orchards, rubber and tea plantations.

1. NATURAL AND SEMI NATURAL AREAS

Natural areas are areas where the vegetative cover is in balance with the abiotic and biotic forces in the biosphere.

Semi natural areas are areas trying to replenish or recover from intensive human activities. They are not planted by human but influenced by human activities like grazing, logging and shift cultivation. Does not require human maintenance in the long term.

1. CULTIVATED AQUATIC OR REQULARLY FLOODED VEGETATION

These areas include areas where an aquatic crop is purposely planted, cultivated and harvested and, which is standing in water over extensive periods during its cultivation period.

1. NATURAL AND SEMI NATURAL AQUATIC OR REGULARLY FLOODED VEGETATION

This is vegetation is not planted by human beings but affected by human activities like urbanization, mining and agriculture including mangrove and marshes.

1. ARTIFICIAL SURFACES AND ASSOCIATED AREAS

These are areas that have an artificial cover as a result of human activities such as constructions, cities, towns, transportation and extraction like mines or waste disposal.

1. BARE AREAS

These are areas that don’t have an artificial cover as a result of human activities and are areas with less than 4% vegetation cover.

1. ARTIFICIAL WATER BODIES , SNOW AND ICE

These are areas covered by water due to the construction of artefacts such as reservoirs, canals, artificial lakes. Without these areas it would not be covered by water, ice and snow.

1. NATURAL WATERBODIES , SNOW AND ICE

These are areas naturally covered by water such as lakes, seas, oceans and rivers. Most lack vegetation cover due to depth, rocky basins, rocky or steep shoreline, infertile washed in material, hard and coarse substitutes.