

2015

August

Peat Classification and History of Organic Soils Classification in Malaysia

RAMESHVELOO

*Tradewinds Plantation Berhad, Lot 6875, Jalan Kerja Air Lama, 68000 Ampang, Selangor Darul
Ehsan, Malaysia*

The paper basically enlightens the importance of soil classification system with particular emphasis on peat soil. The types of classification takes into account the geomorphology, botanical origin of the organic matter, chemical and physical characteristics and genetic processes. Peat classification systems based on the international classification systems were differentiated using the USDA soil taxonomy and the World Resource Base system. The history of peat classification systems in Malaysia up to the latest updates are explored. The importance the Malaysian classification system which can characterize tropical peat more appropriately as compared to international systems are highlighted. The latest status of current mapping and usefulness of characterizing tropical peat through classification for management purpose is also discussed.

Keywords: Peat classification, organic soils, history, latest updates.

SENTIASA MAJU

1919