Physico-Chemical Analysis of Marine Soils From Different Ecosystem Palk Strait Coastal Regions of Tamilnadu, India

Many researchers focus on the marine coastal zones. Present study was physical and chemical characteristics of soil in three different marine ecosystem of six different places sea shore (Point Calimere [Kodiyakarai], Adirampattinam, Mallipattinam and Manora), saltpan (Vedaranyam), mangroves Forest (Muthupet) Palk Strait coastal regions of Tamilnadu, India, was performed. The marine soil were selected for the following boundaries like Soil texture, Calcium Carbonate, Electrical conductivity, Power of hydrogen, Macronutrients like (Organic carbon, Nitrogen, Phosphorus, Potassium), Micronutrients like (Iron, Manganese, Zinc, Copper) and others Caution exchange capacity, Magnesium, Sodium were studied. At the end of the soil collected from various stations showed differences in all analyzed features.

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Ma erial and Me hod

Collec ion and proce ing of marine oil Sample

In pec ion of marine oil e re, CaCO₃, EC, CEC, pH, macro and micro n rien

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Sands Sands & Clay Sandy Loams Clay Loams	64.2 05.1 20.7	28.2 53.9 12.0	61.0 25.4 27.9	57.8 24.9 35.1	45.7 36.2 35.4	12.7 27.9 38.2
	02.3	28.7	12.4	32.0	12.9	50.6
CaCO ₃						
-						
27.9 -65223-0.028 -1.2 pH						
27.9						
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27.9						
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