

A COMPARATIVE STUDY OF BENTHIC SOIL AT TWO DIFFERENT SITES OF HARDIA WETLAND OF SARAN DISTRICT OF NORTH BIHAR, INDIA

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ABSTRACT: Soil is a dynamic body of nature that acquires properties in accordance with the forces which act upon it and within itself. It is a complete physical and biological system providing support, water, nutrients and oxygen to the plants. In the present study different soil quality parameters were analyzed *i.e.* temperature, conductivity, hydrogen ion concentration, total alkalinity, organic carbon and organic matter, total calcium, total magnesium, total sodium, total potassium, nitrate, ammoniacal nitrogen and available phosphorus from the soil of Hardia wetland.

Key words : *Benthic soil, Physico-chemical characteristics, Nutrients dynamics, Biological & chemical processes.*