

Physicochemical Characterizations of Marine and River Sediments in the North of France

Authors : Abriak Nor Edine, Zentar Rachid, Achour Raouf, Tran Ngoc Thanh

Abstract : This work is undertaken to develop a methodology to enhance the management of dredged marine and river sediments in the North of France. The main objective of this study is to determine the main characteristics of these sediments. In this order, physical, mineralogical and chemical properties of both types of sediments are measured. Moreover, their potential impacts on the environment are assessed throughout leaching tests. From the obtained results, the potential of their use in road engineering is discussed.

Keywords : marine sediments, river sediments, physico chemical characterizations, environmental characterizations

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