

P 47. PETROLEUM POLLUTION AND ITS REMEDIATION METHODS

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ABSTRACT: The development of many new industrial branches, the increase in the efficiency of existing ones and the ever-increasing urban population have caused the pollution of natural resources since the beginning of this century and inevitably caused environmental problems. One of the most important environmental pollution factors today is pollution caused by petroleum and petroleum products. Petroleum and its products are constantly interacting with the environment as they pass through the process of getting them out of the source, refining them, and marketing them. For example, the transportation of oil tankers in the course of marketing can create many effects on the terrestrial area and on the sea.

Petroleum and petroleum products are stored in underground and overground tanks for use in various activities and sectors in many establishments including petrol stations, storage facilities and refineries for many years in our country and in the world. When considered at the environmental level, these storage tanks are a potential source of potential pollutants for soil and groundwater.

In this study, it is aimed to reveal the the current situation of petroleum pollution in our country and in the world. A review has been made about the methods of remediation that can be applied in the remediation of oil pollution.

Keywords: petroleum pollution, soil pollution and remediation