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Impact of ship wrecks on sea and its mitigation measures

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Abstract: Due to ship wrecks there is a danger of release of crude oil into sea water. Oil spills can seriously affect the marine environment both as a result of physical smothering and toxic effects. The severity of impact typically depends on the quantity and types of oil spills, the ambient conditions and the sensitivity of the affected organisms and their habitats to the oil .Some of which leads to its removal from sea surface whilst others cause it to persist. Although spilled oil is eventually assimilated by the marine environment, the time involved depends upon factors such as amount of oil spilled , its initial physical and chemical characteristics, the prevailing climatic and sea conditions and whether the oil remains at sea or its washed ashore. Some surfactants such as poly propanal.Norsorex and synthetic polypropylene are used as de-emulsifiers for destabilization of emulsions of crude petroleum. Ours is a study of effect of oil spill and its remedial measures. The effect of chemical agents on crude oil and how it is reduced is been studied.

Keywords : Crude oil, habitat, spills, de-emusifiers, destabilization.

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