

# Report on the Oil spill off Mumbai during August 2011



The Cargo Vessel MV Rak

The Cargo Vessel MV Rak grounded on Mumbai coast causing oil spill along Juhu-Versova beach from 7<sup>th</sup> August 2011 onwards. About 100 metric tons of oil had been spilled into the sea. The field survey by MRC of CMFRI, Mumbai was undertaken at different location viz. Juhu, Versova, Bandra and Mahim where patches of oil on the sand were observed. Other areas affected by the oil spill were Nandgaon, Thal, Korlai, Borli and Saswane in Raigad district of Maharashtra. The tar balls were spotted in Dadar chowpatty, Bandstand and some other area along the coastline. The cross section of the sea water that has been affected by the oil spill was 9 x 1 km.

Coast Guard launched **Operation Paryavaran Suraksha** and spread about 2600 litres of Oil Spill Dispersant (OSD) in the area for cleaning purpose. Mangroves, fishing nets and landing centres were also found with oil smeared on them. The oil spill created panic among the fish eating public and civic authorities put a ban on consumption of marine fish for two weeks.



Picture showing the Impact of oil spill on mangroves

*(Mumbai RC of CMFRI)*