

Discuss the potential risk that can be faced at all times from the possible impact of a major oil spill disasters (200 words)

The world is surrounded by ocean on all sides and major transport of goods takes place through oceans. Nearly 70% of trade depend on the oceans and hence oil spills are a common phenomena.

Recently, a Japanese ship named Nagasaki which leaked nearly 1000 tonnes of oil in Mauritius in the Indian ocean region.

Risks and impacts associated with oil spills:

- Coral reefs: Coral reefs are called the rain forests of the ocean and it provides food to nearly 25% of fishes. The oil spills results in coral bleaching. Hence, the organisms depends on the coral reefs die without food.
- Sea grasses, mangrooves also get affected.
- The recent accident resulted in reaching of the oil spill the blue bay marine park reserve which is a declared ecological important place. It is a home to variety of species.

Possible methods to remove oil spills:

Skimming: Remove the oil as soon as it reach the sensitive area.

In situ burning: Burn the oil.

Use of chemical dispersants: When chemicals are dispersed into the spills, the oil is broken & it can be consumed by micro organisms.

Equipments involved:

ocean booms, river booms, disc skimmers, heli skimmers, oil absorbing graphene pads and other specialized equipments.

Way forward:

Precaution is better than cure. Any stuff which enter before the ocean is thoroughly checked to avoid leakages.

Mutual sharing of all special equipments for ~~clean~~ ~~sharing~~ cleaning purpose should be ensured between countries.