

Q1) The Oil Spills in Russia's Arctic Region has become a Cause for worry to the Environment.
Analyse

Ans:- Recently Russian President declared state emergency after 20,000 tonnes of diesel oil spilled in to Ambarajka River in the Arctic region of Russia. From the Environmental Point of view the impact is countless.

Environmental Consequences of Oil Spill

Oil Spill affect may classified into two

- 1) due to oil itself
- 2) due to clean up process.

On the basis of Ecosystem damage it further divided in to

- 1) Damage on Marine mammals
- 2) " Sea birds
- 3) " Nesting grounds.

1) Damage on Marine Mammals

During oil Spill, mostly the oil remains on the vast surface of Ocean, it affect the marine mammals especially Sea otters. Sea otters died in oil Spills due to its fur contaminated by oil then it lost the ability of keep the body warm.

2) Damage to sea birds

Same as others, the sea birds affected by hypothermia (birds lost ability to keep themselves warm).

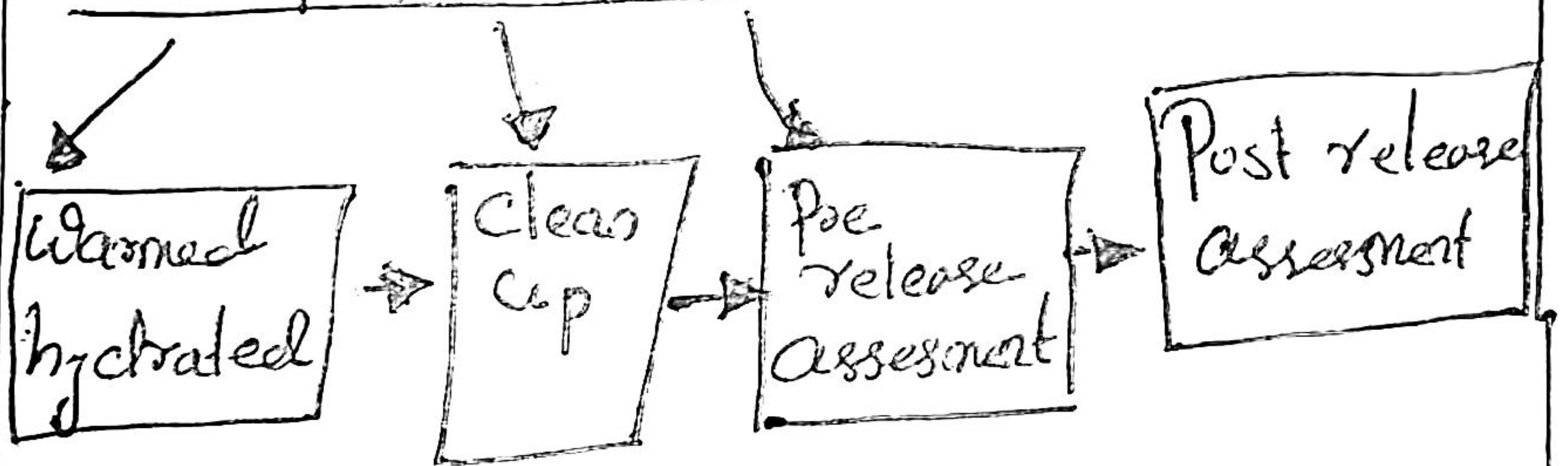
3) Damage to nesting grounds

Oil spills not confined in ocean itself, but washes into coastal marshes, mangroves, wetlands and beaches. it damage fibres plants and make area unsuitable for wildlife habitat.

Recovery from damages

Speedy recovery is not possible, only option remains is Professional clean up process of affected animals by experts.

Clean up process of damaged



Way forward

In Sustainable development ideas the development along with environmental conservation is needed. Recently Russia developed world's first floating nuclear power plant Akademik Lom-onsov. Environmentalists warned that it is not just nuclear risk but a climate risk.