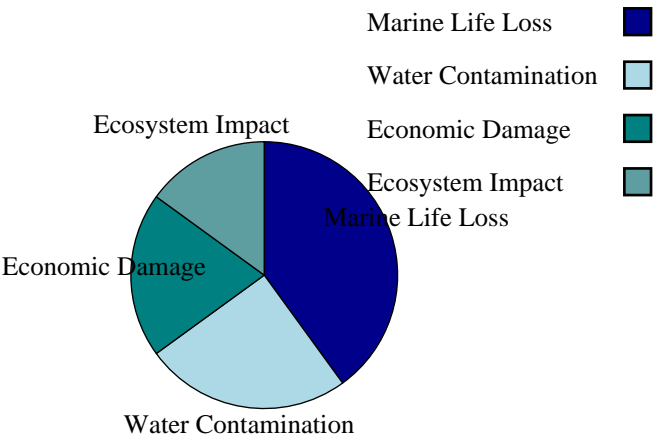


Water Pollution Due to Oil Spilling

Oil spills are one of the most severe forms of water pollution. They occur when petroleum-based substances enter oceans, rivers, or coastal waters, leading to long-lasting environmental damage. The effects of oil spills extend from marine ecosystems to human livelihoods.

Major Effects of Oil Spills:

- 1. **Marine Life Damage:** Oil coats fish, birds, and marine mammals, reducing their insulation and buoyancy.
- 2. **Water Contamination:** Hydrocarbons dissolve and spread, reducing oxygen levels.
- 3. **Economic Impact:** Affects fisheries, tourism, and coastal industries.
- 4. **Long-Term Ecosystem Damage:** Persistent oil residues affect ecosystems for decades.



Oil spills are preventable with strict maritime regulations, better ship maintenance, and improved emergency response systems. Protecting our water bodies ensures the balance and sustainability of marine ecosystems and the economy.