

H S E

HEALTH

SAFETY

ENVIRONMENT



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Marine Environment Protection

Duration: 5 Days



Introduction:

Protection of the marine is very important for the continuation of life on our planet. The biggest threat to the

Marine lives are human race as lots of chemicals and other non-degradable materials are dumped or sea lives are killed and wasted. The echo on the planet is a disaster. This

course put lights on these threats and how to protect marine lives.

Who Should Attend?

- Government environmental agency members
- Operator company employees
- Environment engineers
- HSE engineers
- Contractors
- Service sectors that handle wastes
- Companies whose work have direct impact on environment

Course Objectives:

By the end of this course delegates will be able to:

- Effects of changing natural habitats
- Sensitivity of the Sea
- Pollution of the Sea and its short and long term impacts
- Toxics in the Sea; its sources and effects on lives
- Marine environmental protection through developments
- Climate change effects on marine ecosystem
- US-EPA Marine protection & comparison to the international rules and regulations
- The Baltic states and protection of the Sea
- Oxygen depletion in the Sea
- Marine environmental pollution & remediation
- Oil spill, history, clean up & management

Course Outline:

Day 1

- What makes the sea sensitive
- Effects of changing natural habitants
- Land based nutrient input entering sea
- Direct atmospheric deposition
- Nitrogen & Phosphorus, and their sources
- Hazardous substances
- Chemicals from industry
- Movies

Day 2

- Loads from surrounding land
- Chlorophyll concentration and its
- Effect on surrounding
- Atmospheric forcing
- Examples
- Movies

Day 3

- Dioxin toxics and its sources
- Effects of toxics on human health

- Rules to implements for toxics free
- environment
- Analytical method and quality
- assurance
- movies

Day 4

- Reefs and Wetlands
- Clean water act
- Burial at Sea
- Disposal of ships

Day 5

- Dredging management
- Emergency dumping procedures
- Fish consumption and wastes
- Monitoring our Seas