

Research and Studies

MDPC has established a committee consisting of specialists and experts from research institutes such as universities, to conduct research and study activities on techniques to prevent maritime disasters and measures to combat disasters at LNG bases and stockpiled oil based. MDPC conducts research and studies on devices, equipment and techniques to prevent occurrences and expansion of damages caused by oil spillage, noxious liquids, and marine fire. MDPC also promotes the dissemination of the achievements of those activities.



Tidal current survey



Efficiency test of fire-extinguishing foam



Efficiency test of surface washing agent

MDPC has implemented the following research and studies through consignment and subsidies.

- ◆ Research and studies on resources and equipment to recover noxious liquid
- ◆ Research and studies on maritime disaster prevention measures at LNG terminal
- ◆ Research and studies on biodegrading of spilled oil by Sugi bark sorbent
- ◆ Research and studies on performance of fire-extinguishing foam
- ◆ Verification experiments for oil spill trajectory simulation using drifting buoy
- ◆ Mapping of the Environmental Sensitivity Index Map
- ◆ Development of surface washing agent
- ◆ Research and studies on behavior of vapor gas from crude oil