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## [O-03] Everything you need to know about marine plastics pollution

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Sun. May 25, 2025 1:45 PM - 3:15 PM Exhibition Hall Special Setting (5) (Exhibition Hall 7&8, Makuhari Messe)

At the 2015 United Nations Sustainable Development Summit, "14 Protect the richness of the oceans and seas" was put forward as one of the SDGs, with the goal of protecting the marine environment.

Plastic pollution caused by plastics produced and discarded daily in the marine environment reaches even the most remote areas from land, and it is feared that it will not only take the lives of marine life but also deal a major blow to communities that depend on fishing and tourism. However, there is still insufficient scientific knowledge about the fate of plastic waste that leaks from daily life. Plastic waste flows from rivers into the sea, and then the fine fragments (microplastics) that are broken down spreads in oceans and atmosphere. The fate of these missing plastics is a response problem of the geoscience system, including the ecosystem, to the release of the pollutant plastic, and is one of the important themes that JpGU must address. Environmental destruction caused by marine plastic pollution may bring about major disasters to the creatures on earth in the near future. As part of environmental and disaster prevention education, it is necessary to learn about marine plastic pollution, gather many wisdoms, and discuss countermeasures.

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