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[EV-04] Lunchtime Special Lecture

Wed. May 29, 2024 12:30 PM - 1:40 PM Stage Area (Exhibition Hall 6, Makuhari Messe)

World renowned scientists will present a series of Special Lectures in Earth and planetary sciences for students and early-career researchers across disciplines during lunch breaks of the Meeting.

This year's lectures are the winners of the 5th Nishida Award.

1:05 PM - 1:40 PM

[EV04-08] Dissolved organic matter in the deep ocean

Youhei Yamashita¹ (1. Faculty of Environmental Earth Science, Hokkaido University)

Dissolved organic matter (DOM) in the deep ocean, constitutes one of the important non-living organic matter pools on the Earth's surface, is biologically recalcitrant and likely stable over millennia. However, the actual environmental dynamics (source, fate, and mechanisms of recalcitrance) of DOM in the ocean have not been well documented. This lecture will present recent findings on recalcitrant DOM in the deep ocean.