Ehime University
E4bc 「 **Development of a prediction model for long-term impacts of multi-locked new polymers on the marine environment** 」

MOONSHOT RESEARCH & DEVELOPMENT PROGRAM · NEDO

MS Ito PJ

1) To develop a prediction model for long-term impacts of new polymers on the marine environment consisting of physical, chemical and biological models.
2) To understand the standing stocks in the marine reservoirs, such as water columns, beaches, bottom sediments, marine biota, and fluxes between them with the integrated model.
3) To comprehend the polymer behaviors in the marine environment and assess the impacts based on an input-output system approach.

　　　Researches start with the Seto Inland Sea and then extend to the North Pacific.

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