

Creation of innovative food production technologies in response to environmental changes in the future

Development of Next Generation Sustainable Aquaculture System

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R&D Team : Kyoto University, Tokyo University of Marine Science and Technology, The University of Tokyo, Riken, Nagasaki Prefectural Institute of Fisheries, Nissui Corporation, Hanamaruki Foods Inc.



Summary :

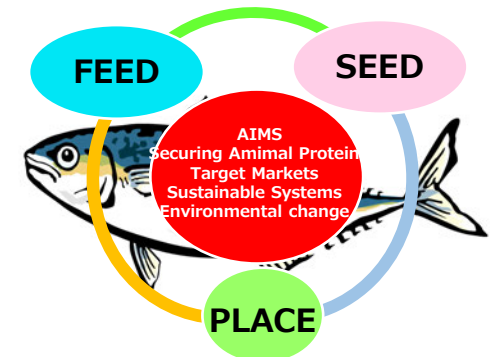
Purpose: Japan is a country surrounded by wide variety of ocean environments and fish species.

The project aims to develop a next-generation aquaculture system to establish a sustainable aquaculture industry and to protect Japanese fish food culture.

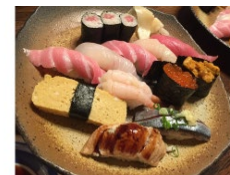
Research summary: We develop a next-generation aquaculture system that integrates novel "food" "seeds" and "places" research.

We conduct researches on novel "feed", "seed", and "place" for sustainable aquaculture; fish-free feed, short-term seed development, and aquaculture system with environment adaptability. We integrate the outputs of research to a new aquaculture system applicable to various environments and fish species in Japan to support Japan's rich food culture.

The research will lead to the sustainable supply of the world's high-quality protein sources and the maintenance and conservation of marine resources.



Japanese Style Sustainable Aquaculture System



Developing Novel Japanese Sustainable Aquaculture System To Protect Japanese Food Culture