Cruise Summary

1. Cruise Information

Cruise ID KH-18-J03C

Name of vessel R/V Hakuho Maru

Title of the cruise Researches on marine ecosystem dynamics in the Tsunami affected area

off Sanriku

Chief scientist [Affiliation] Shuichi Watanabe

Project Team for Analyses of Changes in East Japan Marine Ecosystems,

JAMSTEC

Representative of the Science Party [Affiliation]

Shinji Tsuchida

Project Team for Analyses of Changes in East Japan Marine Ecosystems,

JAMSTEC

Title of proposal Researches on marine ecosystem dynamics in the Tsunami affected area

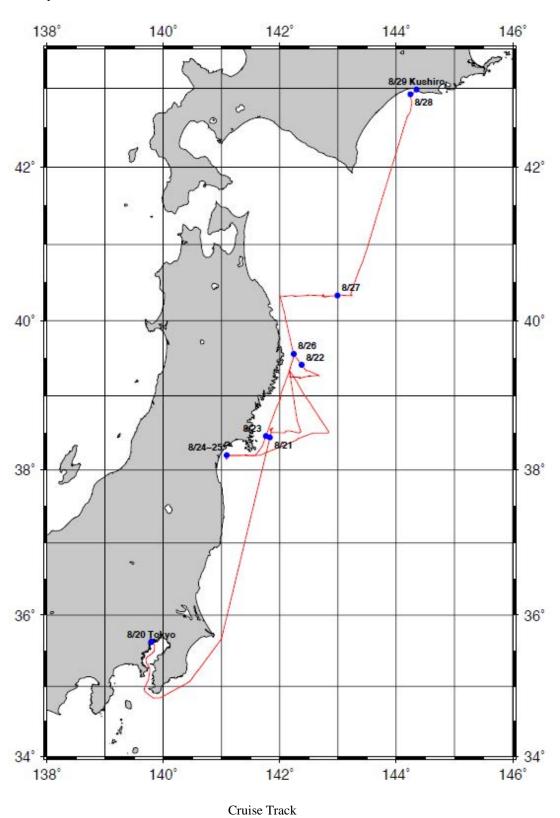
off Sanriku

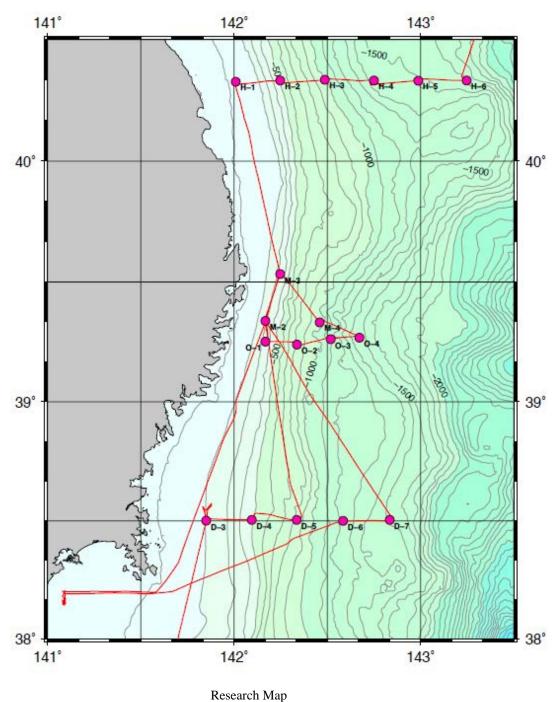
Cruise period Aug. 20th, 2018 ~ Aug. 29th, 2018

Ports of departure / arrival

Tokyo ~ Kushiro

Research area Off Sanriku





2. Overview of the Observation

Overview of the observation

The project of Tohoku Ecosystem-Associated Marine Sciences (TEAMS) aims to investigate marine ecosystems that were drastically changed by the disaster, to understand the process of recover from the damages of the Earthquake, and to help the reconstruction and sustainable development of fisheries. For achieving that projects objectives, the roles of our unit, Research Unit for Ecosystem

Monitoring, is to research the basic hydrographic structure and the long-term change of marine environments, to conduct the geographical survey, and so on.

In KH-18-J03C cruise, we recovered an ADCP and three Landers which deployed to obtain variation of temperature, salinity, current and others for ecosystem model off Sanriku in KH-18-J02C and KS-17-J08C cruises. SEASAW, which deployed in the KH-18-J03C cruise and drifted on Aug. 19th, was also recovered. We conducted the hydrographic observation with the CTD- Carousel water sampler system and the FRRF-Rinko profiler system to obtain the hydrographic data at 18 stations. We also collected zooplankton.

Title of project Analyses of Changes in East Japan Marine Ecosystems,

Tohoku Ecosystem-Associated Marine Sciences