## Naomi HARADA

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Dr. Naomi Harada is a deputy director of Research and Development Center for Global Change at the Japan Agency for Marine-Earth Science and Technology (RCGC/JAMSTEC) in Yokosuka, Japan and is leading a group of 22 dynamic scientists working on marine ecosystem dynamics research in JAMSTEC. Soon after completing higher education in Organic Geochemistry from Nagoya University, she joined JAMSTEC in 1995.

Her current research interests are: (1) understanding the changes in surface water condition (temperature and salinity), biological productivity, and intermediate-deep water ventilation over orbital and millennial time scales by using marine sediment cores, (2) detection and attribution of the biogeochemical changes associated with climate change by sediment trap and other time-series experiments in the subarctic North Pacific, Bering Sea and Arctic Ocean. She has participated in 12 or more ocean expeditions for conducting research and as chief scientist, including the 33rd Japan Antarctic Research Expedition during November 1991 - March 1992.

She has authored or coauthored more than 60 peer-reviewed publications in reputed journals, and serving as the editor of several international journals. She is also leading quite a few international research societies, e.g., the Science Steering Committee of Ecosystem Studies of Sub-Arctic Seas (Regional program of (Integrated Marine Biogeochemistry and Ecosystem Research; IMBER) since 2013, Member of a board of directors, Japan Geoscience Union since 2014.