

Research Projects	Projection of sea ice distribution and Arctic sea routes	
Principal Investigator	Hajime Yamaguchi (The University of Tokyo)	
Application ID	Position Description	Recruitment coordinator
7-G	<p>The postdoctoral fellowship will be in charge of the development of a numerical model that can forecast the short-term (a week to ten days) sea ice distribution, in association with a ship navigation system for the Arctic Sea Routes. The model would be expected to have the horizontal resolution of 2.5 km and to forecast the ice edge up to five days ahead within an error of 10 km in the Northern Sea Route and Northwest Passage. The postdoctoral fellowship would be expected to play a central role in developing the ship navigation system by the Sub-Research 7-1. In addition, the postdoctoral fellowship would be expected to have research experiences based on a numerical model.</p>	<p>Graduate School of Frontier Sciences, The University of Tokyo Prof. Hajime Yamaguchi TEL: +81-4-7136-4114 E-mail: h-yama@k.u-tokyo.ac.jp</p>