

**New JARE scientific project 'Study of glacial-interglacial cycle and the present and future global environmental change'**

# Hideaki Motoyama[1]; Shuji Fujita[2]; Hideki Miura[1]; Kenji Kawamura[1]; Kumiko Goto-Azuma[1]

[1] NIPR; [2] National Institute of Polar Research

'Antarctic cooling area' in the global climate system is composed of Antarctic Continent and Antarctic Ocean. A goal of this project is that the knowledge of the history of environmental change and the mechanism of its fluctuation during glacial - interglacial cycles should be advanced. And the accurate perspective to a future global environment change and necessary countermeasure based on the knowledge could be made. Therefore, new scientific project of JARE52-57, 'Study of glacial-interglacial cycle and the present and future global environmental change (tentative title)' will be start from 2010.