

Principal Researcher	Hideyuki Suzuki			Number of Reserchers	5	
Research Institution • Department • Title	Professor, Environmental and Ocean Engineering, University of Tokyo			Location of Institution	Bunkyo-ku, Tokyo	
Title of Project	Basic research on Optimum Production, Transportation and Storage Method of Natural Methane Gas Hydrate					
Abstract of Research Project	<p>Oceanic methane hydrate reserved below the deep ocean of EEZ of Japan is exclusive domestic resource. In this research, commercial production, transportation and storage method of methane produced from the methane hydrate is studied and most efficient system is proposed preceding Japanese domestic program.</p> <p>Production system is installed in deep ocean, typically of Nankai Trough, and exposed to harsh environmental condition due to Kuroshio current and typhoon. Advanced Floating Production System specializing in development of methane hydrate is studied.</p> <p>Transportation of methane using submerged pipeline and transportation in liquid phase using GTL and LNG technology is studied and most efficient system is proposed.</p>					
References	<p>1) Suzuki,H. and Watanabe,K. : "Development of Three-Dimensional Control Method and Experimental Verification for Deep Sea Drilling Riser", Journal of the Society of Naval Architects of Japan, Vol.188, 2000, pp.335-342.</p> <p>2) Suzuki,H., Yoshida,K., Iijima,K. and Kobayashi,K. : "Response Characteristics of Semisubmersible-Type-Mega-Float in Waves and Accuracy of Hydroelastic Response Analysis Program VODAC", 21th International Conference on Offshore Mechanics and Arctic Engineering, OMAE2002/OSU28215, 2002.</p>					
Term of Project	Fiscal years 2003-2007 . (5years)					
Budget Allocation (in thousand of yen)	FY2003	FY2004	FY2005	FY2006	FY2007	TOTAL
	17,100	11,600	15,600	9,400	2,600	56,300
Homepage Address	None					