

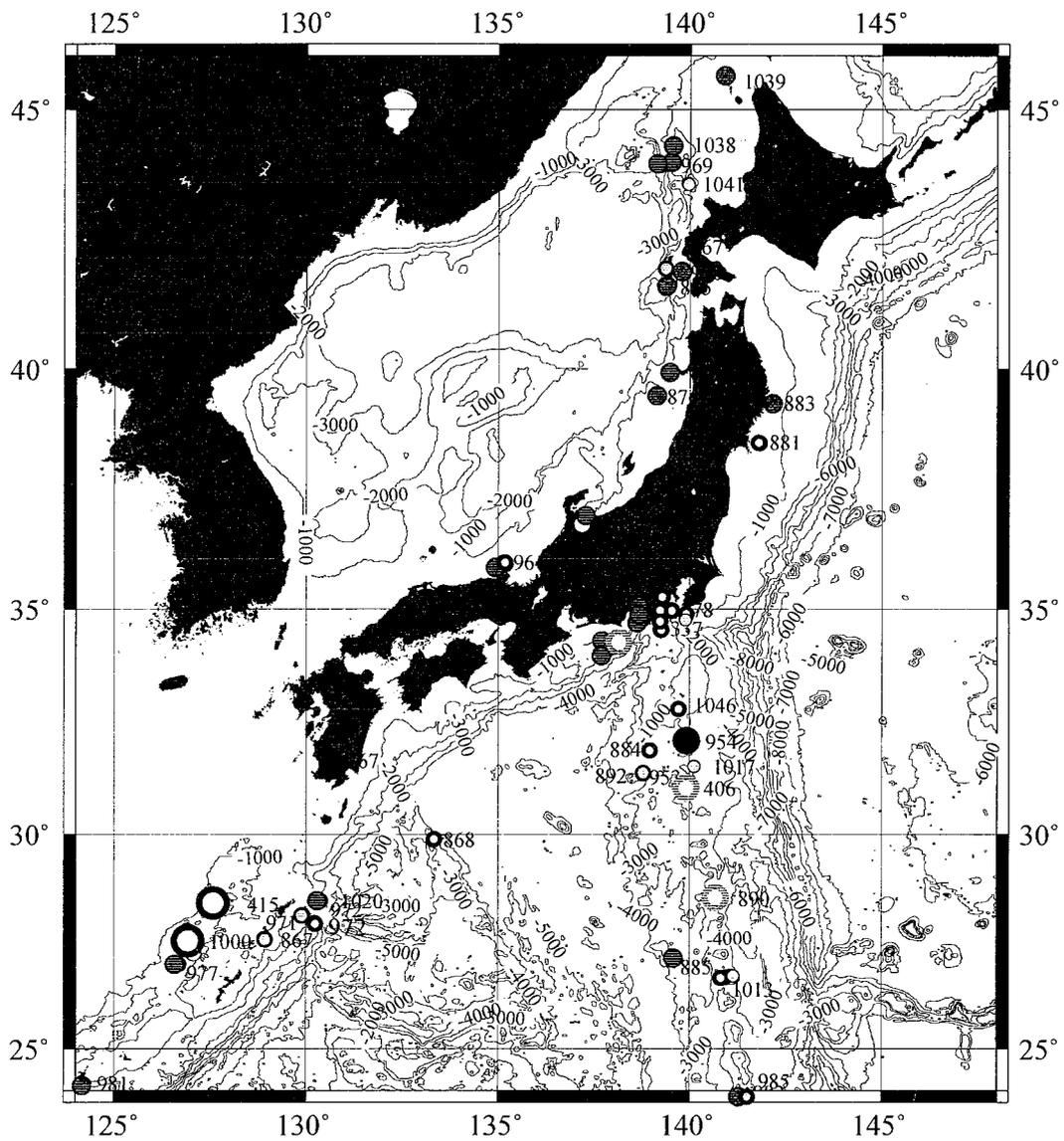
In situ measurement of sea bottom gamma ray by manned submersibles and ROV, hardwares, results of measurement

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In situ sea bottom gamma ray measurement using manned submersibles and ROV were carried out since 1996. The vehicles are "Shinkai 2000", "Shinkai 6500" and ROV "Dolphin-3K". NaI(Tl) scintillation spectrometer were installed on the bottom of the vehicles. The specifications of sensors, purpose and results of measurement were reported.



LEGEND TOTAL CPS ○ 0-50 ● 50-100 ● 100-200 ● 200-500 ● 500-1000 ○ >1000

TOTAL CPS(INTENSITY) OF GAMMA RAY AROUND JAPAN

図-1 日本周辺海域のγ線全計数率（強度）の分布