

## Development of the Antarctic Penetrator for explosive seismic surveys

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"Structure and Evolution of the East Antarctic Lithosphere (SEAL)" project have been carrying out in a framework of the Japanese Antarctic Research Expedition in recent few years.

The Antarctic penetrator system for explosive seismic surveys has been developed since 1989. Several dropping tests were conducted onto both ground soil area and snow surface in Japan. This penetrator system will be used in the coming survey in 2001-2002 austral summer season by JARE-43 operation.