

Implementation of Talk Events Communicating Earth Science through Experience of IODP #312 and Experiment

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IODP is an international deep sea scientific drilling program led by Japan and US. The drilling vessel called 'chikyu' was completed in July 2005. National Museum of Emerging Science and Innovation (Miraikan) has paid attention to IODP leading the earth science and has developed education and outreach activity with exhibit, talk event and web.

Both US and Japanese science communicators were participated in IODP Expedition 312, Superfast Spreading Rate Crust 3, off Panama in November 2005. The daily life and activity on the drilling ship, JOIDES Resolution, was introduced by the web-based diary of Miraikan's web site.

We have implemented six times of consecutive talk events 'Tomorrow's Earth Science' moderated by a science interpreter inviting five scientists and two technical experts being aboard IODP #312 since November 2006. Satisfactory results were achieved by several interesting experiments such as formation of accretionary prism, production of thin sample of rock.