

IAEG C34 Workshop

An International Cooperation Proposal on Marine Engineering Geology

The north slope of the South China Sea, with complex engineering geological conditions where such geologic hazards as submarine landslide, seabed liquefaction, and high-pressure gas and liquid jet develop, is an excellent natural laboratory on which to study deep-sea engineering geology. The workshop will present an introduction to an International Cooperation Project Proposal on the title “In-situ Long-term Observation for Engineering Geological Conditions and Geologic Hazard Processes in Complex Deep Sea”. The international cooperation project will be focused on the north slope of the South China Sea, and the research is composed of four contents which are (1) development of in-situ surveying technology for engineering geology in deep sea; (2) discussion on occurring rules of submarine geologic hazards; (3) evaluation methods of sediment engineering geological properties; and (4) assessment methods of marine engineering geological environment. The whole project will last from January 2015 to December 2020. A special funding on In-situ Surveying Equipment of Engineering Geology in Complex Deep Sea (SEEGeo) has been funded by National Natural Sciences Foundation of China with a budget of ¥ 10 million, which can support this international cooperation project. The existing project funded by National Natural Sciences Foundation of China can serve as a platform to the international participants for the required field investigation, sampling, testing, long-term observation, and survey cruise carrying scientists at their own expense.

C34 CHAIR AND CONTACT DETAILS

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