

GSC020-03

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Four years achievement of IODP outreach program "Sand for Students"

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CDEX is conducting the IODP (Integrated Ocean Drilling Program) outreach program "Sand for Students" for students to promote and educate about IODP, field science, and fundamental earth sciences since 2005. We report achievements of this program in the last four years.

This program is conducted as outreach activity of IODP. Organizer teaches students to collect, observe, and analyze sands from nearby rivers. Meanwhile student learn a series of processes by which river-born sediments from the formations that lie under their own feet. This program has been conducted 13 field excursions and had more than 150 participants.

Main results of our activities are:

- 1) Some participating high schools continue their study as curriculums after field excursion. Their results have been presented in their school and conferences. Participating students, who continued to study about one geological theme for over half a year, have a skill for mineral classification, presentation with their interest in earth sciences.
- 2) The field excursion has been conducted for teachers course. In this excursion, we made up educational materials with participants. The effects of teacher's course are to promote the earth science study for science teachers excluding geology or support for geological teachers who did not major in geology at university.
- 3) The field excursion has been programmed in out of Japan. These activities in the foreign country are in accordance with IODP objectives.

We have some proposals to develop our outreach activities from past or potential participants such as continuing study, using the core samples or making up the educational materials. These proposals are positive advantage, which we should reply. Our issue is to expand of horizons of organizers and participants. Also we are just facing to consider a new scheme to operate the S4S to encourage more students both nationally and internationally.

Keywords: IODP, Education and Outreach