

Kochi Core School for Asian Young Scientists at Kochi Core Center: new international outreach activity in marine sediment core and related sciences

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We held “Kochi Core School for Asian Young Scientists 2019” for the first time from 13th to 20th November 2019 at the Kochi Core Center (KCC), Kochi, Japan, by the support of the SAKURA Science Exchange Program (SSP) of Japan Science and Technology Agency (JST). KCC has been acting as one of three major core-repositories of global ocean drilling program for decades (such as International Ocean Drilling Program: IODP), which is as a joint institute of the Center for Advanced Marine Core Research, Kochi University and Kochi Institute of Core Sample Research of JAMSTEC. A wide range of state-of-the-art analytical instruments and scanning methods are available according to the high standards of IODP at KCC.

One of the major goals of the KCC is to train the next generation of scientists and promote IODP-related sciences. To achieve this goal, KCC had offered a unique training opportunity through the Kochi Core School, fully utilizing the comprehensive research/education facilities therein. Using a marine sediment core taken from the Tosa Basin (off Shikoku) as a training material, the training program of the Kochi Core School was implemented in mainly two parts: (1) visual core description and (2) specific measurement of core (physical property and paleomagnetic measurements, and stable isotope measurements of foraminifers). A one-day field trip to the Muroto UNESCO Global Geopark was also included. Nine participants (postgraduate students and postdoctoral researchers from Korea, China, and Taiwan) were invited by the SSP fund, learned the IODP workflows and discussed analytical results.

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