

China

Activities

- 1) A part of China-GEOTRACES was accommodated in the “973” Carbon project– CHOICE-C. There have been four cruises to the Chinese Marginal Seas. Measurements include ^{234}Th , ^{228}Th , ^{228}Ra , ^{226}Ra , ^{224}Ra , ^{223}Ra , Cu, Mn, Cd, Pb in seawater samples.
- 2) Another part of China-GEOTRACES was accommodated in a newly founded China “973” project. There will be a cruise in the Yangtze estuary this summer. Measurements for ^7Be , ^{210}Pb , ^{228}Ra , ^{226}Ra , ^{224}Ra , ^{223}Ra , ^{232}Th , ^{230}Th , ^{234}Th , ^{228}Th will be conducted in the sediment samples to understand the processes of early diagenesis.
- 3) Field observations were carried out in the Changjiang drainage basin (main stream and major tributaries) during April 2011 to understand the impacts of Three Gorges Dam’s construction on the weathering characteristics of the drainage basin and also the variations of terrestrial flux on the marginal seas of China.