

Public Customized Training Course on ‘Paleooceanography & Paleoclimate’

(Venue : Mirinae room)		
Date/Time	Program Description	Remarks
5.28 (Thu)	Registration and orientation	IS-Geo
09:50-10:00		
5.28 (Thu)	Carbon isotopes and the carbon cycle	
10:00-11:00	Towards a history of the global carbon cycle	Prof. Helmut Weissert
11:10-12:10	Carbon isotopes and the carbon cycle in earth history	
12:10-13:30	Lunch	
13:30-15:20	Carbon cycle in the geological past – Orbital change, methane bursts and large Igneous Provinces	
15:40-17:30	Chemostratigraphy –the value of stable isotopes	
5.29 (Fri)	Deep-Sea Sediments –archives of climate and ocean history	
10:00-11:00	Deep Sea/Pelagic Sediments – archives for ocean and climate history	Prof. Helmut Weissert
11:10-12:10	Deep sea environments today - deep sea sediments through time	
12:10-13:30	Lunch	
13:30-15:20	Early Cretaceous paleooceanography, black shales, condensed sediments and sedimentary gaps	
15:40-17:30	Oceans and climate of the past –lessons for the future?	

※ The working language is English.