



An International Study of the Marine Biogeochemical
Cycles of Trace Elements and their Isotopes

Agenda

A regional workshop on GEOTRACES

August 25 - 27, 2005

Marine Environmental Laboratory

Xiamen University, Xiamen, China

Time	Agenda Topic Items	Presenter
Thursday, August 25		
0830-1800: Arrival and registration-Lujiang Hotel.		
1900-2130: Reception-Mandarin Hotel. Shuttle pickup at Lujiang Hotel at 6:30 pm		
Friday, August 26, 2005		
0840–0850	Opening and welcome remarks	Huasheng Hong / Minhan Dai
0850–0910	Remarks from NSFC	Representatives of NSFC
International Program, session chair: Yan Zheng		
0910–1010	GEOTRACES program: Research Objectives; International coordination; Status of existing national and regional efforts.	Bob Anderson and Gideon Henderson
1010-1040	Group pictures & break	
Presentations by Chinese scientists on existing ocean science programs, session chair: Hui Wang		
1040-1140	Intro to existing Chinese Programs 1) Polar Program; 2) Open Ocean Program; 3) China SOLAS; 4) Chinese South China Sea Program.	Weijia Qing Huaiyang Zhou Minhan Dai Shaoyong Chen
1140–1325	Lunch on site (Box lunch provided)	
Science talks by Chinese Scientists, session chair: Gideon Henderson		
1325–1345	Isotope marine chemistry study in China	Min Chen
1345-1405	Export productivity in the South China Sea using ^{234}Th	Pinghe Cai & Minhan Dai
1405-1425	Biogeochemistry of Settling Particles in the South China Sea and its Significance for Paleo-environment studies	Jianfang Chen
1425-1445	Trace elements in marine carbonate minerals: tracers & proxies	Shaojun Zhong
1445–1505	Applications of transition metal isotopes in paleo-oceanography	Xiangkui Zhu
1505–1535	Coffee/tea break	
1535-1555	The application of carbon isotopes on paleo-geochemical studies	Xuchen Wang
1555–1615	Water column calibration of organic geochemical proxies for paleo-oceanographic application.	Meixun Zhao
1615–1635	Nd and Pb isotope evolution of the oceans and their implications for environment change	Hongfei Ling
1635–1650	Some thoughts on China Geotraces Program	Minhan Dai
1650-	Open discussion:	Discussion leaders:

1830	strategies to link current Chinese projects to GEOTRACES.	Huasheng Hong/Min Chen
Evening	Dinner at Jiu-Long Tang Restaurant	hosted by MEL
Saturday, August 27		
Presentations by regional scientists, session chair: Meixun Zhao		
0830-0910	The role of submarine groundwater discharge in GEOTRACES and the status of Japan's GEOTRACES	Jing Zhang
0910-0935	Marine biogeochemistry of trace elements: biological aspects	Wen-Xiong Wang
0935-1000	Trace metal compositions of marine plankton	Tung-Yuan Ho
1000-1025	Marine geochemistry of actinides (tentative title)	Dong Soo Lee
1025-1050	What can be learned from a Northwest Pacific GEOTRACES transect?	Yan Zheng
1050-1105	Break	
1105-1225	Open Discussion: Do we need a Pacific regional network? Presentations from each nation/region concerning interests in open-ocean work/marginal seas, with emphasis on NW Pacific transect.	Discussion leaders: Gideon Henderson/ Jing Zhang/ Dong Soo Lee
1225-1330	Lunch on site (Box lunch provided)	
Regional Geotraces initiatives, session chair: Robert Anderson		
1330-1500	Group discussion: overall research objectives of open ocean cruises; strategies to secure funding for open-ocean cruises.	Discussion leaders: Gideon Henderson/ Jing Zhang/ Dong Soo Le/ Weijia Qing/ Huaiyang Zhou
1500-1520	Break	
1520-1640	Group discussion: enabling activities needed to permit full participation (e.g., standardization and calibration of methods; provision of standard reference materials; transfer of clean sampling technology)	Discussion leaders: Shaojun Zhong/ Wen Xiong Wang/ Tung-Yuan Ho/ Xiangkui Zhu
1640-1820	"The Way Forward" –tasks to be completed: to create a Chinese GEOTRACES program; to build partnerships among Asian/Pacific regions; to build partnerships between Asian/Pacific regions and the US; to assign responsibilities to complete these tasks with time table for their completion.	Discussion leaders: Gideon Henderson/ Yan Zheng
Evening	Banquet at Xiamen University Guest House	Hosted by Xiamen University
Additional Guidelines/information:		
1.The time assigned for all presentations include 5 mins of discussion time.		
2.We anticipant documents/summary being generated from the workshop and we would be		



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very grateful if session chairs and discussion leaders to summarize each session and discussion.

3. A pick-up shuttle will depart 30 mins prior to the meeting in the morning of Aug 26 and 27. Return to the hotel is on your own.

4. Transportation between the airport and the hotel will be arranged as far as we are informed of your arrival and departure time.