

China-Taipei

Scientists in China-Taipei have secured funds from the National Science Council and Academia Sinica to host a GEOTRACES-Asia planning workshop, to be held 4-6 October, 2010, in Taipei. The objective of the workshop is to coordinate planning of GEOTRACES activities throughout Asia, including research in the Indian Ocean as well as in the western Pacific Ocean. Announcements of the workshop have been distributed to GEOTRACES email lists and a web site has been set up to provide additional information and to accommodate reservations at: <http://proj3.sinica.edu.tw/%7Egeotrace/index.htm>.

Motivation for the workshop is summarized as follows (from the web site):

East and South Asia, the most populous region on Earth, face the Western Pacific Ocean, the Indian Ocean, and their marginal seas. Diverse anthropogenic and natural forcings coexist and interact in the biogeochemical cycling of trace elements and isotopes (TEIs) in these waters. However, their key regulating processes remain largely to be explored. In this workshop, potential key processes that regulate and control the biogeochemical cycles of TEIs, such as their sources, distributions, internal cycling, sinks, and their use as tracers or proxies, will be identified and discussed. These discussions will culminate in the formation of a future action plan in TEIs research in the region. Contributors are invited to present highlights of their relevant research and provide suggestions on future actions and cruise plans. Here, we would like to invite researchers to participate in this workshop.

Contact person for the workshop is Tung-Yuan Ho <tyho@gate.sinica.edu.tw>.

SCOR will provide travel funds for participants from developing nations.

China-Taipei has a small society but active research on TEIs:

- 4 labs focus on trace metal concentrations in seawater, particles, aerosols, plankton et al. (T.Y. Ho, S.C. Hsu, K.T. Jiann, L.S. Wen), with clean sampling technology & HR-ICPMS
- 3 labs on isotopic composition in seawater, aerosols, corals, marine sediments (D.C. Lee, C.C. Shen, C.F. You) all 3 labs are equipped with both HR-ICPMS & MC-ICPMS
- 7 labs on using radioactive and C/N isotopes to study marine geochemistry & biogeochemistry (C.A. Huh, C.C. Hung, S.J. Kao, K.K. Liu, S.D. Luo, D.D. Sheu, C.L. Wei)
- More than 30 papers focusing on TEIs in the ocean were published during the past 3 years, mainly in the East China Sea and South China Sea.
- Cruise schedules of the 3 RVs are tight. New 3,000 ton RV will be launched in 2012. Will be used for open ocean research, including GEOTRACES !