

STATUS OF SOLAS ACTIVITIES IN CHINA (TAIPEI)

(Submitted by G.-C. Gong, S.-C. Liu, K.-K. Liu, and W.-T. Tsai)

Current status of SOLAS planning

Planning of the national SOLAS project has been initiated recently in Taiwan. The first planning meeting took place on May 3, 2002 at Institute of Earth Sciences, Academia Sinica, Taipei. It was decided that the working group constituted the core of the Scientific Steering Committee.

Additional members will be sought from communities of atmospheric and oceanic sciences in Taiwan.

Future plans for national SOLAS activities

Linkage of the present research programmes with SOLAS.

The present programmes related to SOLAS activities include the following projects:

- LORECS: Long-term Observation and Research in the East China Sea (Coordinator: Prof. G.-C. Gong, Email: gcgong@mail.ntou.edu.tw)
- SWEET: Strait Watch on the Environment and Ecosystem with Telemetry (Coordinator: Prof. C.T.A. Chen, Email: ctchen@mail.nsysu.edu.tw)
- SEATS: South East Asia Time-Series Station (Contacts: Dr. F.-K. Shiah, Email: fkshiah@ccms.ntu.edu.tw, or K.-K. Liu, Email: kkliu@ccms.ntu.edu.tw)

There are also other oceanographic projects related to sister projects of SOLAS within IGBP:

- National LOICZ project: Land-Sea Interactions and Sustainable Managements in the Kaoping Coastal Zone (Coordinator: Prof. J.-J. Hung, Email: hungjj@mail.nsysu.edu.tw)
- National GLOBEC projects: (Coordinator: Prof. H.-Y. Chen)

The programmes will be initiated:

- Asian Dust Flux Study in the Marginal Seas of East Asia (Coordinator: Dr. S.-C. Liu, Email: shawliu@earth.sinica.edu.tw)
- Satellite Ocean Colour Algorithm Development for the Case 2 Water in the Marginal Seas of East Asia (Contact: gcgong@mail.ntou.edu.tw)
- Numerical Modeling of Coupled Ocean-Atmosphere Boundary Layers (Contact: Prof. W.-T. Tsai, Email: tsai@cc.nctu.edu.tw)
- Time-Series Study (Contacts: Dr. F.-K. Shiah, Email: fkshiah@ccms.ntu.edu.tw, or Prof. K.-K. Liu, Email: kkliu@ccms.ntu.edu.tw)

Opportunities for the national participation in international SOLAS activities

It is very likely that Taiwanese scientists will participate in international SOLAS activities by tuning the existing projects to fit the SOLAS needs. For instance, the SEATS project may include core measurements required by SOLAS. The SEATS cruises may provide opportunities for domestic or international SOLAS scientists to participate. In addition, the SEATS moorings for ADCP and thermister chains may serve as platforms to accommodate sensors for SOLAS purposes.

The archiving of SOLAS related data will be most likely handled by the Ocean Data Bank of the National Center for Ocean Research (NCOR), Taipei (<http://www.ncor.ntu.edu.tw>). The secretariat for the national SOLAS program will probably reside at NCOR.

National contact person and address of the national website if available

Contact person:

Gwo-Ching Gong (gcgong@mail.ntou.edu.tw), Professor, Department of Oceanography, National Taiwan Ocean University, 20224 Keelung, Taiwan, ROC.

Steering Committee members include:

Shaw C. Liu (shawliu@earth.sinica.edu.tw): Distinguished Research Fellow; Head, Environmental Change Research Project, Institute of Earth Sciences, Academia Sinica; Chair of IGAC.

Kon-Kee Liu (kkliu@ccms.ntu.edu.tw): Director, National Center for Ocean Research, National Science Council; Professor, Institute of Oceanography, National Taiwan University.

Wu-Ting Tsai (tsai@cc.nctu.edu.tw): Professor, Department of Civil Engineering, National Chiao Tung University.