



## **Second Announcement - US Arctic GEOTRACES Planning Workshop**

29 September - 1 October 2010

Washington DC, USA

Please send expressions of interest to: [dkadko @ rsmas.miami.edu](mailto:dkadko@rsmas.miami.edu)

**Deadline for requesting travel support is July 2, 2010**

Since the inception of the international GEOTRACES Program, a strong interest has developed in carrying out GEOTRACES-related activities in the Arctic Ocean. The Arctic Ocean is at the epi-center of climate change, and changes there will ultimately be felt globally. It constitutes less than 3 % of the World Ocean area and about 1% of the volume, but it is unique in several ways. About 10% of the global river run-off is delivered to the Arctic Ocean and about 30% of the world's soil carbon is estimated to be stored in northern ecosystems within the Arctic catchment area. Effects due to a warming climate may have profound impact on the Arctic resulting in increased export of organic carbon and sediments to the Arctic Ocean. Arctic shelves constitute about 25% of the World Ocean shelf area and are among the shallowest in the world acting as an important regulator of the river export of organic carbon and TEIs to the central Arctic Ocean.

This interest has already led to several discussions and deliberations, including a GEOTRACES planning meeting held in Delmenhorst Germany in June 2009, which recognized the need for international collaboration to make future GEOTRACES efforts viable in this region. In order to focus these discussions and to generate an action plan for future GEOTRACES activities between US investigators and international collaborators, a US GEOTRACES Arctic Planning Workshop will take place from Sept 29 to Oct 1, 2010 in Washington DC.

We invite:

- Initial expressions of interest in participating in this workshop,
- Comments on the program structure,
- Suggestions for potential topics for talks and break-out sessions, as well as for speakers, and
- Suggestions about additional sources of funding.



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### **Workshop Program**

29 Sept

AM -The Arctic Ocean and GEOTRACES: key processes and sites, existing relevant US and international programs and activities (plenary session)

PM: Tracers in the Arctic: key parameters, advocacy talks (plenary session)

30 Sept

AM- Break-out sessions: Discussion on topics, organization

PM- Break-out sessions: meetings and plenary discussion

1 Oct

AM -Break-out sessions: meetings and report drafting

PM- Synthesis and planning for future action (plenary discussion)

### **The Organizing Committee:**

- David Kadko, Chair, RSMAS
- Peter Schlosser, LDEO
- William Smethie, LDEO
- Gregory Cutter, ODU
- William Landing, FSU
- Chris Measures. UH

### **Funding and Travel Support**

NSF will provide partial funding for this meeting. To ensure that funds are equitably distributed among workshop participants, travel support will be provided as a subsidy up to approximately \$1000 per participant. Those traveling from the mid-Atlantic region are urged to stay below this cap so that more can be offered to those traveling from the west coast. Travelers from Alaska and Hawaii will be afforded a larger subsidy.