

Spain

National committee (under SCOR-Spain)

- P. Masqué & J. Garcia-Orellana (Barcelona-UAB)
- A. Tovar-Sanchez (Mallorca-CSIC)
- A. Cobelo & R. Prego (Vigo-CSIC)

Meetings

- Co-organisation and participation at the GEOTRACES Mediterranean Workshop, Toulouse, September 2011
- Co-organisation of the workshop on the RV Pelagia cruises 64PE319 and 64PE321 (Legs 1 and 2 of the GA02 Section) (PIs: H. De Baar, L. Gerringa, M. Rijkenberg, 2010), Barcelona, October 2011
- Co-organisation of the 3rd GEOTRACES Data-Model Synergy Workshop Universitat Autònoma de Barcelona (Spain), Barcelona, November 2011.
- Participation in EU funded COST Action ES0801
- Participation at the Arctic GEOTRACES Meeting, Bremerhaven, April 2012 and submission of two Polarstern proposals for expeditions in 2015 and 2016.

Cruises

- Submission of an application to the Spanish National Research Program for funding of a GEOTRACES Mediterranean cruise (PI: P. Ziveri). The proposal was refused in June 2012 due to administration formalism. An appeal was submitted. Nowadays we are waiting for the final decision. We know, extra-officially, that they are looking for a solution to provide a vessel to do the cruise. Final decision expected in September 2012.
- We participate in the Meteor Mediterranean Cruise M84-Leg3 in April 2011 in order to sampling Ra isotopes, ^{210}Po and ^{210}Pb . Although is not a GEOTRACES cruise results could be interesting for GEOTRACES program.

Publications

Coauthoring several papers of the Intercalibration special issue in Limnology and Oceanography Methods:

- Church, T., Rigaud, S., Baskaran, M., Kumar, A., Friedrich, J., Masqué, P., Puigcorbé, V., Kim, G., Radakovitch, O., Hong, G., Choi, H.-Y. and Stewart, G. (2012). Inter-calibration studies of ^{210}Po and ^{210}Pb in dissolved and particulate sea water samples. *Limnology and Oceanography: Methods*, in press.
- Kenna, T.C., Masqué P., Mas, J.L., Camara-Mor, P., Chamizo, C., Scholten, S., Eriksson, M., Sanchez-Cabeza, J.A., Gastaud, J., Levy, I., Herrmann, J., Lindahl, P. and Nielsen, S. (2012). Intercal: Intercalibration of selected anthropogenic radionuclides for the GEOTRACES Program. *Limnology and Oceanography: Methods*, in press.
- Maiti, K., Buesseler, K.O., Pike, S.M., Benitez-Nelson, C., Cai, P., Chen, W., Cochran, J.K., Dai, M., Dehairs, F., Gasser, B., Kelly, R., Masque, P., Miller, L., Miquel, J.C., Moran, S.B., Morris, P., Peine, F., Planchon, F., Renfro, A.A., Rutgers van der Loeff, M., Santschi, P., Turnewitsch, R., Waples, J. and Xu, C. (2012). Intercalibration studies of short lived Thorium-234 in the water column and marine particles. *Limnology and Oceanography: Methods*, In press.

GEOTRACES-related papers:

- Cámara-Mor P., Masqué P., Garcia-Orellana J., Kern, S., Cochran J.K. and Hanfland, C. (2011). Interception of atmospheric fluxes by Arctic sea ice: evidence from cosmogenic ^7Be . *Journal of Geophysical Research*, 116, C12, doi:10.1029/2010JC006847.

Presentation of results

Several contributions to:

- 2012 Ocean Sciences Meeting, Salt Lake City, Utah (USA), 20-24 February 2012
- ASLO Aquatic Sciences Meeting, Puerto Rico, 13-18 February 2011
- Goldschmidt Meeting, Montreal, 25-29 June 2012.

Submitted by: Jordi Garcia-Orellana