

Highlights from the GEOTRACES international programme

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Main highlights from GEOTRACES research will be presented including its first intermediate data product and plans for the future. GEOTRACES (www.geotraces.org) is an international study of the marine biogeochemical cycles of trace elements and their isotopes. Scientists from 35 nations have been involved in the programme, designed to study all major ocean basins over the next decade. So far, 747 stations have been sampled during 52 cruises resulting in more than 1000 data sets of hydrographical and geochemical data. To facilitate access to these data, the first GEOTRACES Intermediate Data Product is freely available on-line from the GEOTRACES site. Digital data is accompanied by an electronic atlas (www.egeotraces.org) that provides 2D and 3D images of the ocean distribution of many of the parameters.

This poster will display selected original data, illustrating the power of geochemical tracers to reveal oceanographic features. In addition, it will present the recent and forthcoming cruises, the timeline for the next intermediate data product and the GEOTRACES data synthesis efforts.