

ANNUAL REPORT ON GEOTRACES ACTIVITIES IN COLOMBIA

May 1st, 2022 to April 30th, 2023

New GEOTRACES or GEOTRACES relevant scientific results

- Parameters as Pb, Cd, Cr, Cu, Ni, Hg, Zn suspended particulate material, sediments and Hg in organisms, in “Monitoring of environmental conditions and structural and functional changes in plant communities and fisheries resources during the rehabilitation of Ciénaga Grande de Santa Marta, an important coastal lake in the Colombian Caribbean”.
- 220 records reported by INVEMAR to the data portal for SDG 14 indicator 14.3.1. <https://oa.iode.org/data>

GEOTRACES or GEOTRACES relevant cruises

- Parameters as Cd, Pb, Cu, Zn, Cr, Ni, Fe, Hg, micronutrients, hydrocarbons and carbonate system variables were analyzed in the cruise CHO-OFF 5 area, located in the Colombian Pacific Basin (CPC), in the marine areas off the departments of Cauca and Valle del Cauca. In addition, the historical reconstruction of Cu, Cr, Hg, Fe, Zn and Mn metals in a sediment core was performed.
- Parameters as Cd, Pb, Cu, Zn, Cr, Ni, Fe, Hg, micronutrients, hydrocarbons and carbonate system variables were analyzed in the cruise Baja Guajira area, located in the Colombian Caribbean. In addition, sediment cores were collected for historical reconstruction of Cu, Cr, Hg, Fe, Zn and Mn metals.

New projects and/or funding

- National Project with Hydrocarbons National Agency, an environmental technical study in areas of interest in the Colombian Caribbean and Pacific to support the sustainable development of the offshore hydrocarbon sector phase 2022.

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