

ANNUAL REPORT ON GEOTRACES ACTIVITIES IN INDIA

May 1st, 2017 to March 30th, 2018

GEOTRACES activity is continuing in India. Major source of funding for GEOTRACES programme in India is coming from the Ministry of Earth Sciences, Government of India. Last year we procured two *in-situ* pumps for sampling particulates. These pumps were used during cruise SK338 to collect particulates.

Sampling in the Indian Ocean

Several cruises were undertaken in the Indian Ocean as part of GEOTRACES (India) programme (Figure 5). Last cruise, SK 338 was conducted in 2017.

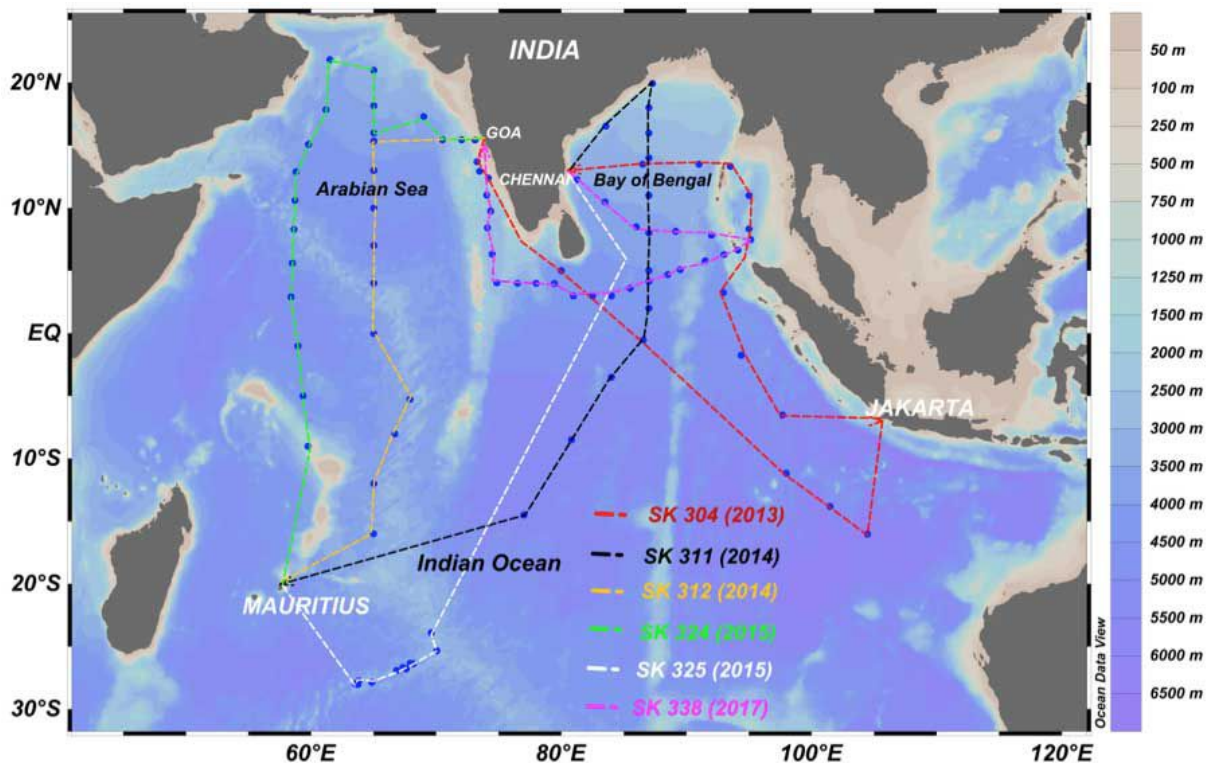


Figure 5. Various sections sampled for GEOTRACES studies in the Indian Ocean.

Dissolved Al measurement in Indian Ocean

Several profiles of dissolved Al in the Indian Ocean were measured. Impact of riverine input alongwith from particulates is visible in the surface Bay of Bengal, the Andaman Sea and in the Arabian Sea (Figure 6).

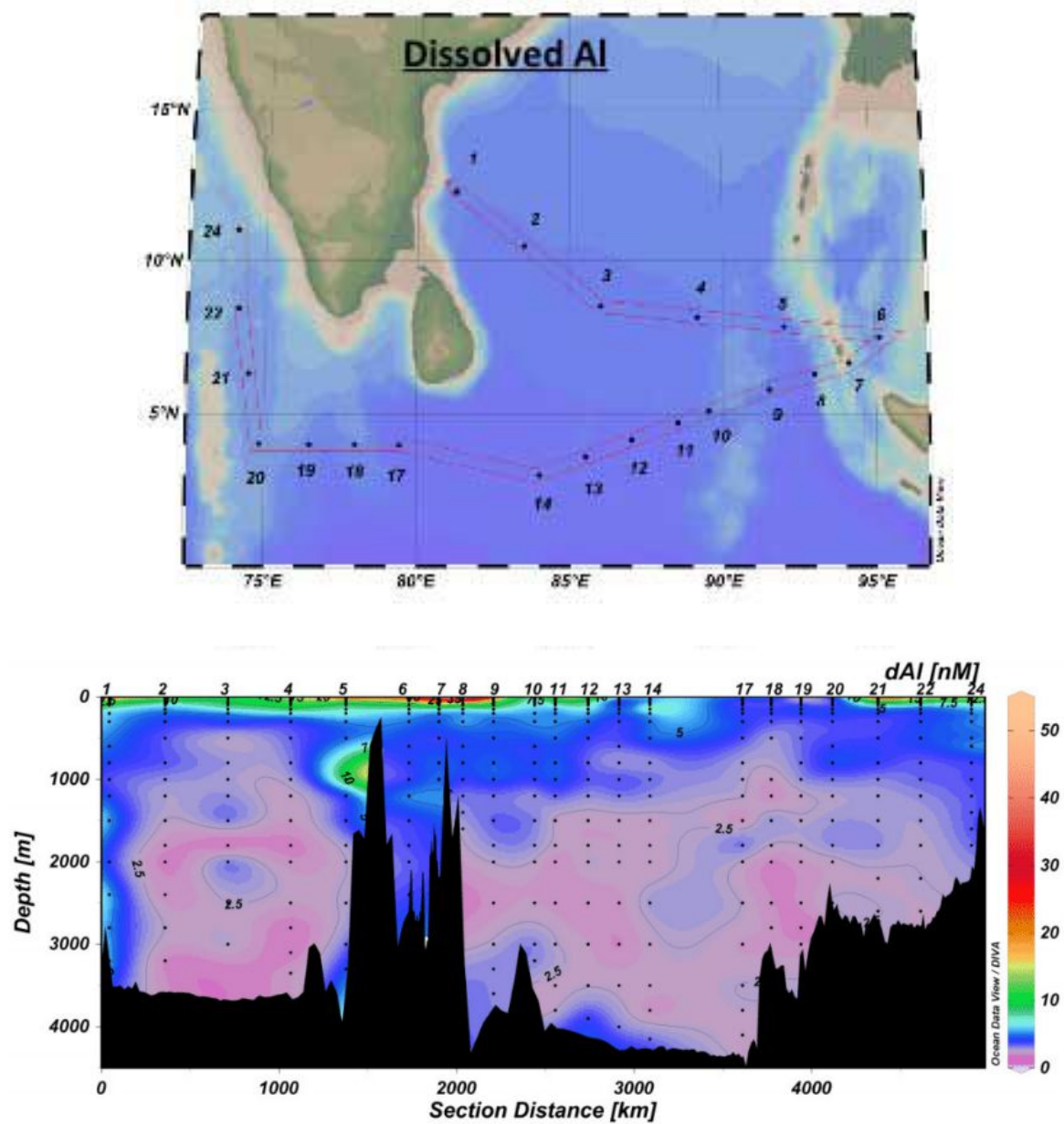


Figure 6. Dissolved Al in the Indian Ocean

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