ANNUAL REPORT ON GEOTRACES ACTIVITIES IN SWEDEN

May 1st, 2017 to March 30th, 2018

New scientific results
- Data on $^{232}$Th, $^{230}$Th and $^{231}$Pa from the Arctic Ocean (*R/V Polarstern* 2015 cruise ARK XXIX/3, PS94) are evaluated and reported at meetings during 2017.

Intercalibration
- Participated in analyses of duplicate samples for Nd isotopes from the Arctic Ocean (*R/V Polarstern* 2015 cruise ARK XXIX/3, PS94).

New publications (published or in press)
- Krall L., Trezzi G., Garcia-Orellana J., Rodellas V., Mörth C.-M. and Andersson P. (2017) Submarine groundwater discharge at Forsmark, Gulf of Bothnia, provided by Ra isotopes. https://doi.org/10.1016/j.marchem.2017.09.003 Marine Chemistry, 196, 162-172. (This is formally not GEOTRACES but is clearly linked)

PhD theses
- Sandra Gdaniec, PhD student at NRM/SU and also working at LSCE in Paris defended her licentiate-thesis, 19 May, 2017, with the title “$^{231}$Pa and Th-isotopes as tracers of deep water ventilation and particle scavenging in the Mediterranean Sea”.

Meetings

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