

■AMBER OBSERVATIONS: Meta-data-set Kalix

1.) General description of the data set:

Seasonal cycle of the Kalix River from 2009-2010

2.) Created:

January 2011

3.) Last update:

September 2011

4.) Keywords:

Baltic Sea, Kalix, stable isotopes, nitrogen, DOM

5.) Area:

Kalix River

6.) Spatial extension:

7.) Spatial resolution:

One stations located at the mouth of the river

8.) Time window:

September 2009 – October 2010

9.) Temporal resolution:

Monthly or less due to ice cover

10.) Data:

Concentrations of NO_3^- , NO_2^- , PO_4^{3-} , NH_4^+ , POM (particular organic matter) and DON (dissolved organic nitrogen); $\delta^{15}\text{N}$ and $\delta^{18}\text{O}$ of nitrate; $\delta^{15}\text{N}$ of DON; $\delta^{15}\text{N}$ of PON; $\delta^{13}\text{C}$ of POC, $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ of HMW-DOM

11.) Reference to other data sets:

12.) Data quality (degree of validation):

13.) Where to find the data?

14.) Contact person:

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