

## ■ AMBER OBSERVATIONS: Meta-data-set Oder

### 1.) General description of the data set:

Seasonal cycle of the Oder river from 2000-2002

### 2.) Created:

January 2011

### 3.) Last update:

January 2011

### 4.) Keywords:

Baltic Sea, Oder, stable isotopes, nitrogen

### 5.) Area:

Oder river

### 6.) Spatial extension:

### 7.) Spatial resolution:

Two stations, one located at the main outlet of the lagoon and the other in the river

### 8.) Time window:

July 2000- May 2002

### 9.) Temporal resolution:

Biweekly

### 10.) Data:

Concentrations of  $\text{NO}_3^-$ ,  $\text{NO}_2^-$ ,  $\text{PO}_4^{3-}$ ,  $\text{NH}_4^+$ , POM (particular organic matter) and DON (dissolved organic nitrogen); nitrogen uptake rates;  $\delta^{15}\text{N}$  and  $\delta^{18}\text{O}$  of nitrate;  $\delta^{15}\text{N}$  of ammonium;  $\delta^{15}\text{N}$  of PON;  $\delta^{13}\text{C}$  of POC

### 11.) Reference to other data sets:

### 12.) Data quality (degree of validation):

### 13.) Where to find the data?

Maren Voss, Barbara Deutsch, Iris Liskow, Marianna Pastuszek, Ulrike Schulte and Stanisław Sitek: Nitrogen retention in the Szczecin Lagoon, Baltic Sea. 2010. *Isotopes in Environmental and Health Studies*, Vol. 46, No. 3, 355–369

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