

5. References

- BEHRENDT, H. 1996. INVENTORIES OF POINT AND DIFFUSE SOURCES AND ESTIMATED NUTRIENT LOADS - A COMPARISON FOR DIFFERENT RIVER BASINS IN CENTRAL EUROPE. WATER, SCIENCE AND TECHNOLOGY, 33, 4-5, 99-107.
- BEHRENDT, H. 1999. A COMPARISON OF DIFFERENT METHODS OF SOURCE APPORTIONMENT OF NUTRIENTS TO RIVER BASINS. Water, Science and Technology, 39,12, 179-187.
- BEHRENDT, H. & OPITZ, D. 1999. Retention of nutrients in river systems: Dependence on specific run-off and hydraulic load. Hydrobiologia, 410, 111-122.
- BEHRENDT, H., DANNOWSKI, R., DEUMLICH, D., DOLEZAL, F., KAJEWSKI, I., KORN MILCH, M., KOROL, R., MIODUSZEWSKI, W., OPITZ, D., STEIDL, J. & STRONSKA, M. 2003. Point and diffuse emissions of pollutants, their retention in the river system of the Odra and scenario calculations on possible changes. Weissensee Verlag, Berlin, 296 p.
- BEHRENDT, H., BACH, M., KUNKEL, R., OPITZ, D., PAGENKOPF, W.-G., SCHOLZ, G. & WENDLAND, F. 2003. Quantifizierung der Nährstoffeinträge der Flussgebiete Deutschlands auf der Grundlage eines harmonisierten Vorgehens. UBA/Texte 82/03, 194 p.
- BILLEN, G., GARNIER, J., BILLEN, C & HANNON, E. 1995. Global change in nutrient transfer from land to sea: biogeochemical processes in river systems. GMMA, Free University of Brussels, 99 p.
- CARDONE, M. 1986a. New technique in chemical assay calculations. 1. A survey of calculation practices on a model problem. Analytical Chemistry, 58: 433438.
- CARDONE, M. 1986b. New technique in chemical assay calculations. 2. Correct solution of the model problem and related concepts. Analytical Chemistry, 58: 438445.
- Council Directive of 21 May 1991 concerning urban waste water treatment (91/271/EEC); OFFICIAL JOURNAL OF THE EUROPEAN COMMUNITIES, NO. L 135/40, 30 MAY 1991.
- EN ISO/IEC, 2005. General requirements for the competence of testing and calibration laboratories. EN ISO/IEC 17025.
- EN, 1997. Water analysis - Guidelines for the determination of total organic carbon (TOC) and dissolved organic carbon (DOC). EN 1484
- GORSUCH, T., 1970. The destruction of organic matter. Pergamon Press, Oxford.
- HELCOM. 1994a. Environment Committee (EC). Report of the 5th Meeting, Nyköping, Sweden, 1014 October 1994. EC5/17, Annex 9.
- HELCOM. 1994b. Environment Committee (EC). Report of the 5th Meeting, Nyköping, Sweden, 1014 October 1994. EC 5/17, Annex 8.

- HELCOM COMBINE Manual, Part B. General Guidelines on Quality Assurance for Monitoring in the Baltic Sea. <http://sea.helcom.fi/Monas/CombineManual2/PartB/BFrame.htm>
- HELCOM 2004. The Fourth Baltic Sea Pollution Load Compilation (PLC-4). Helsinki Commission – Baltic Marine Environment Commission, Helsinki.
- HOWARTH, R.W., G. BILLEN, D. SWANEY, A. TOWNSEND, N. JAWORSKI, K. LAJTHA, J.A. DOWNING, R. ELMGREN, N. CARACO, T. JORDAN, F. BERENDSE, J. FRENEY, V. KUDEYAROV, P. MURDOCH & ZHU ZHAO-LIANG, 1996. Regional nitrogen budgets and riverine N & P fluxes for the drainage's to the North Atlantic Ocean: Natural and human influences. *Biogeochemistry*, 35: 75-139.
- Integrated Pollution Prevention and Control (IPPC). Reference Document on the General Principles of Monitoring. November 2002
- ISO/IEC, 1996. Proficiency testing by interlaboratory comparisons – Part 1: Development and operation of proficiency testing schemes. ISO/IEC Guide 43-1.
- ISO, 2004. Water quality - Determination of adsorbable organically bound halogens (AOX). ISO 9562
- ISO, 2003. Water quality - Determination of biochemical oxygen demand after n days (BOD_n). ISO 5815
- ISO, 2000. Water quality - Determination of hydrocarbon oil index - Part 2: Method using solvent extraction and gas chromatography. ISO 9377-2
- ISO, 1999. Water quality -- Guidelines for the determination of total organic carbon (TOC) and dissolved organic carbon (DOC). ISO 8245
- JENSEN, J.P., E. JEPPESEN, J. BØGESTRAND, A. ROER PEDERSEN, M. SØNDERGAARD, J. WINDOLF & L. SORTKJÆR. 1994: Ferske vandområder - søer. Vandmiljøplanens Overvågningsprogram 1993. Danmarks Miljøundersøgelser. 94 s. - Faglig rapport fra DMU nr. 121. 94 pp. [in Danish]
- JENSEN, J.P., PEDERSEN, A.R., JEPPESEN, E. & M. SØNDERGAARD, Submitted. Modelling of phosphorus dynamics in shallow Danish lakes.
- KELLY, C.A., J.W.M. RUDD, R.H. HESSLEIN, D.W. SCHINDLER, P.J. DILLON, C.T. DRISCOLL, S.A. GHERINI & R.E. HECKY, 1987. Prediction of biological acid neutralisation in acid sensitive lakes. *Biogeochemistry*, 3: 129-141.
- KRONVANG, B. & BRUHN, A. 1996. Choice of sampling strategy and estimation method for calculating nitrogen and phosphorus transport in small lowland streams. *Hydrological Processes* 10: 1483-1501.
- Magnusson, B., Näykki, T., Hovind, H., Krysell, M., 2004. Handbook for calculation of measurement uncertainty in environmental laboratories, 2nd edition. NORDTEST Report TR 537. <http://www.nordicinnovation.net/nordtestfiler/tec537.pdf>

SCHREIBER, H., BEHRENDT, H., CONSTANTINESCU, L., CVITANIC, I., DRUMEA, D., JABUCAR, D., JURAN, S., PATAKI, B., SNISHKO, S. & ZESSNER, M. 2003. Harmonised Inventory of point and diffuse Emissions of Nitrogen and Phosphorus in the Danube Basin. Final Report, Institute of Freshwater Ecology and Inland Fisheries, Berlin, 158 S.

SGQAC Meeting 2004, Helsinki. WP 7.4.

SVENDSEN, L.M., BEHRENDT, H., KNUUTTILA, S. AND SALO, S. 1995. Guideline to estimate natural and anthropogenic contributions to riverine fluxes (source apportionment). TC-POLO 3/7 1995. Ad Hoc Expert Group on pollution Load to the Baltic Sea . Report of Third Meeting, Riga, Latvia, 5-8 June 1995, Helsinki Commission, Baltic Marine Environment Protection Commission, Annex 5.

SVENDSEN, L.M., KRONVANG, B., KRISTENSEN, P. & GRÆSBØL, P. 1995. Dynamics of phosphorus compounds in a lowland river system: importance of retention and non-point sources. Hydrological Processes 9: 119-142.

VINK, R. & BEHRENDT, H. (2002): Emissions, immissions and retention processes of heavy metals in the Rhine and Elbe drainage areas and their tributaries. Hydrological processes, 16, 3227-3244.

VOLLENWEIDER, R.A. & J. KEREKES, 1982. Eutrophication of waters - Monitoring, assessment and control. Synthesis Report, OECD Paris, 154 pp.

WINDOLF, J., E. JEPPESEN, J.P. JENSEN & P. KRISTENSEN. 1996. Modelling of seasonal variation in nitrogen retention: a four-year mass balance study in 16 shallow lakes. - Biogeochemistry 33: 25-44.

WMO-No. 168. Guide to Hydrological Practices. Third Edition, 1975.

WNT, Warszawa, p. 1101.