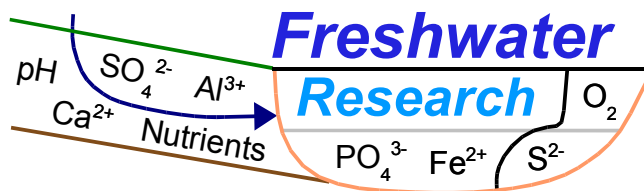


January 2010

**List of Publications by Gertrud K. Nürnberg**



Nürnberg, G.K. 2009. Assessing internal phosphorus load – problems to be solved. *Lake and Reservoir Management* 25(4): 419-432.

Conley, D. J., S. Björck, E. Bonsdorff, J. Carstensen, G. Destouni, B. G. Gustafsson, S. Hietanen, M. Kortekaas, H. Kuosa, H. E. M. Meier, B. Müller-Karulis, K. Nordberg, A. Norkko, G. Nürnberg, H. Pitkänen, N. N. Rabalais, R. Rosenberg, O. P. Savchuk, C. P. Slomp, M. Voss, F. Wulff and L. Zillén. 2009. Critical Review: Hypoxia-related processes in the Baltic Sea. *Environmental Science & Technology* 43: 3412-3420.

Cyr, H., S. K. McCabe and G. K. Nürnberg. 2009. Phosphorus sorption experiments and the potential for internal phosphorus loading in littoral areas of a stratified lake. *Water Research* 43:1654-1666.

Nürnberg, G.K. 2007. Low-Nitrate-Days (LND), a potential indicator of cyanobacteria blooms in a eutrophic hardwater reservoir. *Water Quality Research Journal of Canada* 42(4): 269-283.

Nürnberg, G.K. 2007. Lake responses to long-term hypolimnetic withdrawal treatments. *Lake and Reservoir Management* 23(4): 388-409.

Nürnberg, G.K. 2007. Internal phosphorus loading in Ontario Cottage Country or "the devil is in the sediments". *Canadian Society of Environmental Biologists, Newsletter* 64(4), 11-12.

Nürnberg, G.K. 2005. Quantification of internal phosphorus loading in polymictic lakes. *Verhandlungen Internationalen Vereinigung Limnologie (SIL)* 29: 623-626.

Cyr, H. and G.K. Nürnberg. 2005. Methodological biases in phosphate sorption experiments. p. 55-66 in L. Serrano and H.L. Golterman (editors), *Phosphates in Sediments, Proceedings of the 4th International Symposium*. Backhuys Publishers, the Netherlands.

Nürnberg, G.K. 2005. Quantification of anoxia and hypoxia in water bodies. OC 128 in J. H. Lehr (editor), *The Encyclopedia of Water*, John Wiley & Sons, Inc.

Havens K. E. and G. K. Nürnberg. 2004. The phosphorus-chlorophyll relationship in lakes: potential influences of color and mixing regime. *Lake and Reservoir Management* 20: 188-196.

Nürnberg, G.K. 2004. Quantified hypoxia and anoxia in lakes and reservoirs. *TheScientificWorldJOURNAL* 4, 42-54.

Nürnberg, G.K. and B.D. LaZerte. 2004. Modeling the effect of development on internal phosphorus load in nutrient-poor lakes. *Water Resources Research* 40(1): 1-9.

Nürnberg, G.K. and B.D. LaZerte. 2003/4. Ontario lakes: The importance of lake management. *NALMS LakeLine* 23(4): 32-37.

Nürnberg, G.K., B.D. LaZerte and D.D. Olding. 2003. An artificially induced *Planktothrix rubescens* surface bloom in a small kettle lake in southern Ontario compared to blooms world-wide. *Lake and Reservoir Management* 19: 307-322.

Nürnberg, G. K. 2002. Quantification of oxygen depletion in lakes and reservoirs with the hypoxic factor. *Lake and Reservoir Management* 18: 298-305.

Nürnberg, G.K. 2002. Probability of winterkill in Central Ontario lakes. Newsletter of the American Fisheries Society Southern Ontario Chapter, Sep 2002: 2-3.

Nürnberg, G. K. and B. D. LaZerte. 2001. Predicting lake water quality. *In*: Managing lakes and reservoirs. C. Holdren, W. Jones and J. Taggart. Madison, WI, North American Lake Management Society, Terrene Institute in cooperation with Office Water Assessment Watershed Protection Division U.S.-EPA, p. 139-163.

Nürnberg, G.K. 2001. Eutrophication and Trophic State - Why does lake water (quality) differ from lake to lake? *NALMS LakeLine* 21 (1): 29-33.

Nürnberg, G.K. 1999. Determining trophic state in experimental lakes (Comment to Carpenter et al. 1998) *Limnology and Oceanography* 44: 1176-1179.

Nürnberg, G.K. and M. Shaw. 1998. Productivity of clear and humic lakes: nutrients, phytoplankton, bacteria. *Hydrobiologia* 382: 97-112.

Nürnberg, G.K. 1998. Prediction of annual and seasonal phosphorus concentrations in stratified and polymictic lakes. *Limnology and Oceanography* 43: 1544-1552.

Nürnberg, G.K. 1997. Coping with water quality problems due to hypolimnetic anoxia in Central Ontario Lakes. *Water Quality Research Journal of Canada* 32: 391-405.

Nürnberg, G.K. 1996. Trophic state of clear and colored, soft- and hardwater lakes with special consideration of nutrients, anoxia, phytoplankton and fish. *Lake and Reservoir Management* 12: 432-447.

Nürnberg, G.K. 1996. Comment: Phosphorus budgets and stoichiometry during the open-water season in two unmanipulated lakes in the Experimental Lakes Area, northwestern Ontario. *Canadian J. Fisheries Aquatic Science* 53: 1469-1471.

Nürnberg, G.K. 1995. Quantifying anoxia in lakes. *Limnology and Oceanography* 40: 1100-1111.

Nürnberg, G.K. 1995. Anoxic factor, a quantitative measure of anoxia and fish species richness in Central Ontario lakes. *Transactions of the American Fisheries Society* 124: 677-686.

Nürnberg, G.K. 1994. Phosphorus release from anoxic sediments: What we know and how we can deal with it. *Limnetica* 10: 1-4.

Nürnberg, G.K. and P. J. Dillon. 1993. Iron budgets in temperate lakes. *Canadian J. Fisheries Aquatic Science* 50: 1728-1737.

Nürnberg, G.K. 1991. Phosphorus from internal sources in the Laurentian Great Lakes, and the concept of threshold external load. *J. Great Lakes Research* 17: 132-140.

Nürnberg, G.K. and P. G. Manning. 1991. Upwards migration of iron and phosphorus compounds in anoxic sediments from a mesotrophic lake on the Precambrian Shield. Ontario Ministry of the Environment, PIBS 1756. 24 p.

Nürnberg, G.K. 1988. Prediction of phosphorus release rates from total and reductant-soluble phosphorus in anoxic lake sediments. *Canadian J. Fisheries Aquatic Science* 45: 453-462.

Nürnberg, G.K. 1988. A simple model for predicting the date of fall turnover in thermally stratified lakes. *Limnology and Oceanography* 33: 1190-1195.

Nürnberg, G.K. 1987. A comparison of internal phosphorus loads in lakes with anoxic hypolimnia: laboratory incubations versus hypolimnetic phosphorus accumulation. *Limnology and Oceanography* 32: 1160-1164.

Nürnberg, G.K. 1987. Hypolimnetic withdrawal as a lake restoration technique. American Society of Civil Engineers, J. Environmental Engineering Division 113: 1006-1017.

Nürnberg, G.K., R. Hartley, and E. Davis. 1987. Hypolimnetic withdrawal in two North American lakes with anoxic phosphorus release from the sediment. Water Research 21: 923-928.

Nürnberg, G.K., M. Shaw, P. J. Dillon, and D. J. McQueen. 1986. Internal phosphorus load in an oligotrophic Precambrian Shield lake with an anoxic hypolimnion. Canadian J. Fisheries Aquatic Science 43: 574-580.

Nürnberg, G.K. 1985. Availability of phosphorus upwelling from iron-rich anoxic hypolimnia. Archive Hydrobiologia 104: 459-476.

Nürnberg, G.K. 1984. The prediction of internal phosphorus load in lakes with anoxic hypolimnia. Limnology and Oceanography 29: 111-124.

Nürnberg, G.K. 1984. Iron and hydrogen sulfide interference in the analysis of SRP in anoxic waters. Water Research 18: 369-377.

Nürnberg, G.K. and R. H. Peters. 1984. Biological availability of soluble reactive phosphorus in anoxic and oxic freshwaters. Canadian J. Fisheries Aquatic Science 41: 757-765.

Nürnberg, G.K. and R. H. Peters. 1984. The importance of internal phosphorus load to the eutrophication of lakes with anoxic hypolimnia. Verhandlungen Internationalen Vereinigung Limnologie (SIL) 22: 190-194.