BIBLIOGRAPHY

- Ali, M.B. *et al.* 1999. "Physico-Chemical Characteristics and Pollution Level of Lake Nanintal (U.P.,India): Role of Macrophytes and Phytoplankton in Biomonitoring and Phytoremediation of Toxic Metal Ions", <u>Chemosphere</u>. 39 (12), 2171-2182.
- Ankley, G. T. 1996. "Assessing the Ecological Risk of Metals in Sediments", <u>Environmental Toxicology and Chemistry</u>. 15(1996), 2053-2055.
- APHA (American Public Health Association). 1995. <u>Standard Methods for the</u> <u>Examination of Water and Wastewater</u>. Washington.
- Arrykul, S. and Kooptarnond, K. 1993. <u>Sources of Lead to the Pattani River</u>. Hat Yai: Department of Mining Engineering and Metallurgy, Faculty of Engineer, Prince of Songkla University. (In Thai)
- Artharamas, C. 1984. <u>Aquatic Macrophytes in Thale-Noi</u>. Hat-Yai: Department of Biology, Faculty of Science, Prince of Songkla University.
- Artharamas, C. 1988. <u>Aquatic Macrophytes of Thailand</u>. Hat Yai: Department of Biology, Faculty of Science, Prince of Songkla University. (in Thai)
- Avila-Perez et al. 1999. "Heavy Metal Concentrations in Water and Bottom Sediments of a Mexican Reservoir", The Science of the Total Environment. 234(1999), 158-196
- Baker, I. R. *et al.* 1997. Environmental Monitoring and Assessment Program Surface Water: Field Operations Manual for Lakes, EPA/620/R-97/001. Washington D. C.: United States Environmental Agency.
- Barko, J. W.; Eakin, H. L., and McFarland, D. G. 1992. "Interrelationships between Macrophyte Growth and Sediment Nutrient Availability" In <u>Abstracts</u>, <u>NALMS 12th Annual International Symposium</u>. Madison: North American Lake Management Society.
- Carlson, R.E. 1977. "A Trophic State Index for Lake", <u>Limnology Oceanography</u>. 22 (1977), 361-369.

- Ceballos, B.S.O D.; Konig and Oliveira, J.F D. 1998. "Dam Reservoir Eutrophication: A Simplified Technique for a Fast Diagnosis of Environmental Degradation", <u>Water Research</u>. 32(1998), 3477-3483.
- Chompikul, J. et al. 1997. Environmental and Behavioural Risk Factor for Lead
 Contamination among Primary Schoolchildren Attending Schools near the
 Mouth of the Pattani River Final Report of Phase II Study. Songkhla:
 Epidemiology Unit, Faculty of Medicine, Prince of Songkla University.
- Claassen, M. 1999. "Ecological Risk Assessment as a Framework for Environmental Impact Assessment", <u>Water Science Technology</u>. 39(1999), 151-154.
- Cura, J. J. (1998). "Ecological Risk Assessment", <u>Water Environment Research</u>. 70(1998), 968-976.
- Dodds, W.K. *et al.* 1998. "Suggested Classification of Stream Trophic State: Distributions of Temperate Stream Types by Chlorophyll, Total Nitrogen, and Phosphorus", <u>Water Research</u>. 32(1998), 1455-1462.
- Everaarts, J.M. and Swennen, C. 1987. "Heavy Metals(Zn, Cu, Cd, Pb) in Some Benthic Invertebrate Species and in Sediment from Three Coastal Areas in Thailand and Malaysia", J. Sci. Soc. Thailand. 13(1987), 189-203.
- Fernandes, H. M. 1997. "Heavy Metal Distribution in Sediments and Ecological Risk Assessment : the Role of Diagenetic Processes in Reducing Metal Toxicity in Bottom Sediments", <u>Environmental Pollution</u>. 97(1997), 317-25.
- Gauch, H.G. 1989. <u>Multivariate Analysis in Community Ecology</u>. USA: Cambridge University Press.
- Giesy, J. P., Hoke R.A. 1990. "Freshwater Sediment Quality Criteria: Toxicity Bioassessment in Sediment", In <u>Chemistry and Toxicity Bioassessment in</u> <u>Sediment</u> Baudo R.; Giesy J.P. and Muntao M., eds. Ann Arbor, Michigan: Lewis publishers.
- Håkanson, L. 1980. "An Ecological Risk Index for Aquatic Pollution Control. A Sedimentological Approach", <u>Water Research</u>. 14(1980), 975-1001.

- Håkanson, S. and Rudstam, L.G. 1990. "Eutrophication And the Baltic Fish Communities", <u>Ambio</u>. 19(1990), 123-125.
- Håkanson, L 1999. "An Outline of a Diagnostic System of Criteria to Rank Chemical Threats to Aquatic Ecosystems", <u>Aquatic Ecosystem Health and</u> <u>Management</u>. 2(1999), 155-185.
- Harper, D. 1992. <u>Eutrophication of Freshwaters: Principles, Problems and Restoration</u>. Suffolk: Chapman & Hall St Edmundsbury Press.
- He, M.; Wang, Z. and Tang, H. 1998. "The Chemical, Toxicological and Ecological Studies in Assessing the Heavy Metal Pollution in Le An River, China", <u>Water Research</u>. 2(1998), 510-518.
- Hill, R. A. et al. 2000. "Level of Detail in Ecological Risk Assessments", <u>Marine</u> <u>Pollution Bulletin</u>. 40(2000), 471-477.
- Hutchinson, G. E. 1975. <u>A Treatise on Limnology Vol 3: Limnological Botany</u>. New York: Wiley Press.
- Ingersoll, C. G. and McDonald, D. D. 1998. <u>Unpublished Sediment Quality</u> <u>Guideline for Freshwater Ecosystems</u>. Ladysmith: McDonald Environmental Sciences Ltd.
- Kent, D. Jenkins, K.D., and Hobson, J.F. 1994. "Ecological Risk Assessment of Wetlands". In <u>Applied Wetland Science and Technology</u>. Edited by Kent, D.M. Florida: CRC Press, Inc.
- Kieth, L. H. 1991. <u>Environmental Sampling and Analysis: A Practical Guide</u>. Michigan: Lewis Publisher, Inc.
- Kwon, Y.T. and Lee C. W. 1998. "Application of Multiple Ecological Risk Indices for the Evaluation of Heavy Metal Contamination in a Coastal Dredging Area", <u>The Science of the Total Environment</u>. 214(1998), 203-210.
- Lenzer, J. and Frische, P. 1980. "The Estimation of Chlorophyll-a in Water Samples: a Comparative on Retention in Grass-Fibre and Membrane Fiber and on the Relability of two Storage Methods", <u>Arch.</u> <u>Hydrobiol. Beih. Ergebn. Limno.</u> 14 (1980), 46-51.

- Lohani, B. N. et al. 1997. Environmental Impact Assessment for Developing Countries in Asia Volume One-Overview. Manila: Asian Development Bank.
- Lipton, J. et al. 1993. "Forum a Paradigm for Ecological Risk Assessment", Environmental Management. 17(1993), 1-5.
- Loring, D. H. and Rantala, R. T.T. 1992. "Manual for the Geochemical Analyses of Marine sediments and Suspended Particulate Matter", <u>Earth-Science</u> <u>Reviews</u>. 32(1992), 235-83.
- Ministry of Public Health, Department of Mineral Resources, Division of Mineral Environment. 1994. <u>A Report on Heavy Metals in Pattani River</u> <u>Caused by Mining</u>. Bangkok (unpublished).
- Munns, W. R. Jr. 1998. "Use of Bioaccumulation Data in Aquatic Life Risk Assessment", In <u>National Sediment Bioaccumulation Conference</u> <u>Proceeding EPA/823/R-98/002</u>, pp. 6-3-6-8. Washington, DC: Office of Water, United State Environmental Protection Agency.
- Muller, G. 1969. "Index of Geoaccumulation in Sediments of the Rhine River", <u>Geojournal</u>. 2(1969), 108-118.
- NIDA (National Institute of Development Administration, School of Social Development). 1999. Document of Academic Seminar for Conserving and Developing of Pattani River Basin: Pattani River Basin in the Next Ten Years, May 29, 1999, organized by National Institute of Development Administration. Yala. (In Thai).
- Norusis, M.J. 1983. Introductory /statistics Guide SPSSX. New York: McGraw-Hill.
- Notification of the National Environment Board (1994). <u>Surface Water Quality</u> <u>Standards in Notification of the National Environment Board No.8, B.E. 2537</u> (1994) issued under the Enhancement and Conservation of National <u>Environmental Quality Act B.E. 2535 (1992)</u>. Bangkok: Ministry of Sciences Technology and Environment.

- Okada, M. 1989. "No.8 Eutrophication", In <u>Environmental Engineering Course-</u> <u>Water</u> <u>Pollution Control</u>, pp. 1-65. Tokyo: Japan International Cooperation Agency.
- Parfenov, P. V. 1988. "Features of the Lead Accumulation by *Celatophyllum demersum* L.", <u>Bulletin of Belorussian University</u>. 2 (1988): 50-51.
- Pattani Water Supply and Maintenance Project. 1998. Annual Summary Report of Pattani Water Supply and Maintenance Project. Yala: Pattani Irrigation and Maintenance Project, Department of Irrigation, Ministry of Agriculture and Cooperation. (In Thai)
- Recknagel, F. et al. 1998. "Combined Effects of Organic Pollution and Eutrophication in the South Para Reservoir, South Australia", <u>Water Science</u> <u>Technology</u>. 37(1998), 113-120.
- Rösner, U. 1998. "Effects of Historical Mining Activities on Surface Water and Ground Water: an Example from Northwest Arizona", <u>Environmental</u> <u>Geology</u>. 33(1998), 224-230.
- Roth, S. Zeh, R. and Majer, D. 1992. "Inhibitory Effects of Heavy Metals on Biodegradation of Free Amino Acids in Rhine River Water Sample", <u>Vom Wasser</u>. 78(1992), 33-46.
- Royal Thai Survey Department. 1995. MOSAIC Aerial Photo of Yala Province (L7017) Issued in 1995. Bangkok: Royal Thai Survey Department, Royal Thai Supreme Command Headquarters, Ministry of Defense.
- SETAC (Society of Environmental Toxicology and Chemistry). 1996.
 SECTAC 17th

 Annual Meeting Partnerships for the and Policy.
 Environmental Science, Education

 Annual Policy.
 Pensacola FL: SETAC Press.
- Smith, V.H. ;Tilman, G.D. and Nekola, J.C. 1999. "Eutrophication: Impacts of Excess Nutrient Inputs on Freshwater, Marine, and Terrestrial Ecosystem", <u>Environmental Pollution</u>. 100(1999), 179-196.
- Smith, S. L. et al. 1996. "A preliminary Evaluation of Sediment Quality Assessment Values for Freshwater Ecosystems", <u>J. Great Lakes Reservoir</u>. 22(1996), 624-638.

- Spence, D. H. N. 1982. "The Zonation of Plants in Freshwater Lakes", <u>Advance in</u> <u>Ecological Research</u>. 12(1982), 37-114.
- Subramahi, A. et al. 1999. "Impact of Biologically Treated Distillery Effluent on Growth Behavior of Greengram (Vigna radiata Wilczek)", J. Indl. Polln. Contl. 15(1999), 281-286.
- Thaweeburus, P. 1998. "Environmental Impact and Risk Assessment for the Upper Songkhla Lagoon", Ph.D. Dissertation, University of Saarland.
- Tutep, D. 1994. "Contamination of Metals in Stream Sediments from Pattani River in Yala province", Master of Science Thesis in Environmental Management, Prince of Songkla University. (In Thai)
- USEPA (United State Environmental Protection Agency). 1988. "Drinking Water Regulation; Maximum Contamination Level Goals and National Primary Drinking Water Regulations for Lead and Copper, Proposed Rules", <u>Federal</u> <u>Register</u>. (1988).
- USEPA (United State Environmental Protection Agency). 1993. <u>A Review of Ecological Assessment Case Studies from a Risk Assessment Perspective, EPA/630/R-92/005</u>. Washington, DC.
- USEPA (United State Environmental Protection agency). 1994. <u>Methods for the</u> <u>Determination of Metals in Environmental Samples Supplement I, EPA</u> <u>600/R-94/111</u>. Environmental Monitoring System Laboratory, Office of Research and Development, Cinciniti, Ohio.
- USEPA. 1994a. <u>EMAP Surface Waters Field Operations Manual for Lakes</u>. Lass Vegas: Environmental Monitoring Systems Laboratory, United States Environmental Agency.
- USEPA. 1994b. <u>Environmental Monitoring and Assessment Program: Integrated</u> <u>Quality Assurance Project Plan for the Surface Water Resource Groups, 1994</u> <u>Activities, EPA 600/x-91/080</u>. Las Vegas: United Stated Environmental Agency.

- USEPA. 1999a. "Technical Guidance Document published by the United States Environmental Protection Agency's Office of Wetlands, Oceans & Watershed", <u>URL: http://www.epa.gov/owow/monitoring/tech/chap.html</u>
- USEPA. 1999b. "Lead and Lead Compounds; Lowering of Reporting Thresholds; Community Right-to-Known Toxiz Chemical Releses Reporting; Proposed Rule", <u>Federal Register</u>. 64 (August 3, 1999).
- Vollenweider, R.A. 1968. <u>Scientific Fundamental of the Eutrophication of Lakes and Flowing Waters</u>, with Particular References to Nitrogen and Phosphorus as <u>Factors in Eutrophication</u>. Paris: OECD Technical Report DES/CSI/68.27.1
- Vollenweider, R.A. 1982. "Eutrophication of Water, Monitoring, Assessment and Control Final report" In <u>OECD cooperation programme on monitoring of</u> <u>inland waters (Eutrophication control), Environmental Dorectorate</u>. Paris: OECD.
- Vollenweider, R.A. and Kerekes, J.J. 1982. <u>Eutrophication of Waters</u>, <u>Monitoring</u>, Assessment and Control. Paris: OECD.
- Walker, W. W. (1996). <u>Simplified Procedures for Eutrophication assessment and prediction: User manual, Instruction Report W-96-2 (Updated April 1999)</u>.
 Vicksburg, Mississippi: U.S. Army Engineer Waterways Experiment Station.
- Weber, S. P., Shaw B. and Nichols, S. A. 1995. <u>The Aquatic Macrophyte</u> <u>Communities of Eight Northern Wisconsin Flowages</u>. Wisconsin: College of Natural Resources, University of Wiscosin.
- Wetzel, R. G. 1975. Limnology. Philadelphia: W.B. Saunders Company.
- Wetzel, R. G. and Likens, G.E. 2000. <u>Limnological Analysis</u>. New York: Hamilton Printing Company.
- Wu, R.S.S. 1999. "Eutrophication, Water Born Pathogens and Xenobiotic Compounds: Environmental Risk and Changes", <u>Marine Pollution Bulletin</u>. 19(1999), 11-22.

Zurlini, G. 1996. "Multiparametric Classification of Trophic Conditions. The OECD Methodology Extended: Combined Probabilities and Uncertainties Application to North Adriatic Sea", <u>The Science of the Total Environment</u>. 182(1996), 169-185.