

LIST OF REFERENCES

References

- (1) Beam, W. (1908), "Nile Waters-Report of the Chemical Section of the Welcome Research Laboratories", 3, pp. 386-395, Khartoum.
- (2) Lucas, A. (1908), "The Chemistry of the River Nile –Paper No.7, Government Press", pp. 78, Cairo.
- (3) Golterman, H.L. (1975), "Chemistry of Running Waters.-[In:] Whitton, B.(ed.):River Ecology.-Blackwell", Oxford: pp.39-80.
- (4) Talling, J.F. (1976), "Water Characteristics.-[In:]Rzóska, J. (ed.): The Nile, Biology of an Ancient River"-Dr. W. Junk, The Hague, pp. 357-384.
- (5) Rzóska, J. (1976), "The Nile, Biology of an Ancient River"-Dr.W.Junk, The Hague: pp. 417.
- (6) Hafez, M. (1978), "Water Quality Studies on the River Nile and Lake Nasser", A contribution from the River Nile and Lake Nasser Project, The Academy of Scientific Research and Technology, Cairo.
- (7) Hamza, A. (1992), "Monitoring Water Resources in Egypt: Issues and Answers" International Conference on Protection and Development of the Nile and other Major Rivers, proceedings vol.212, pp. 7-7-1, 7-7-15, Cairo, Egypt.
- (8) Steel, E. W. and McGhee, I, J, (1979), "Water Supply and Sewerage", MacGraw-Hill Book Company, New York, pp. 1-643.
- (9) Gledhill, W.E. and Saeger, W.V. (1978), "Microbial Degradation in Environmental Hazard Evaluation Process", in :Proceedings of the Workshop on Microbial Degradation of Pollutants in Marine Environments, Pensacola Beach, Florida, pp.434-442.

- (10) Kreuk, F.J. and Hansveit, A.O. (1978), "Assessment of Biodegradation" in Charter K. W. A. and H. J. Sommerville (eds), *the Oil Industry and Microbial Ecosystems*, Heyden and Son Ltd., London, pp. 155-170.
- (11) Swisher, R.D. (1987), "Surfactant Biodegradation", 2nd Edn., Marcel Dekker, New York.
- (12) Camp, T.R. and Messerve, R.L. (1974), "Water and its Impurities", Dowden, Hutchinson and Rosss, Inc. Stroudsburg, Pennsylvania, pp. 356.
- (13) Alabaster, J. S. and Lloyd, R. (1980), "Water Quality Criteria for Freshwater Fish", Butterworths, London, pp. 297.
- (14) Plimmer, R.J. (1978), "Degradation Methodology-Chemical and Physical Effects" in *Proceedings of the Workshop on Microbial Degradation of Pollutants in Marine Environments*, Pensacola Beach, Florida, pp. 423-431.
- (15) Lee, G. F. Rast, W. and Jones, R. A. (1978), "Eutrophication of Water Bodies: Insights For an Age-Old Problem" *Environ Sci. Technol.* 12, pp. 910-908.
- (16) Heckman, C. W. (1982), "Pesticide Effects on Aquatic Habitats", *Environ. Sci. Technol.* 16(1), pp. 48A-57A.
- (17) Azov, Y., Shelef, G. and Narkis, N. (1982), "Effect of Hard Detergents on Algae in a High-Rate Oxidation Pond" *Appl. Environ. Microbiol.* 43(2), pp. 491-492.
- (18) ORSANCO Detergent Subcommittee (1963), "Components of Household Synthetic Detergents in Water and Sewage" *J. Amer. Water Works Assoc.* 5, pp. 369-371
- (19) C.E. Hamilton, Fourth Edition, American Society for Testing and Materials (ASTM), (1978), "Manual on Water", pp. 3-5, 99-101.

- (20) Ferderick W. Pontius, Technical Editor, Fourth Edition, American Water Works Association, (1990), "Water Quality and Treatment". A Handbook of Community Water Supplies, pp. 100, 135, 191, 194, New York.
- (21) Deborah Chapman Published on Behalf of W.H.O., U.N.E.P., U.N.E.S.C.O., (1992), "Water Quality Assessment" A guide to the use of Biota, Sediments and Water in Environmental Monitoring, pp. 1-7, 9, 60, 61, 95, 96, 105, 109, 110.
- (22) RNPDP project (1989), "Water Quality Conditions in the River Nile System": A General Review (Report 515) El-Qanater, Egypt.
- (23) Hopkins, E.S., and Schulze, W.H. (1954), "The Practice of Sanitation", The Williams and Wilkins Company.
- (24) Besselièvre, E.B. (1952), "Industrial Waste Treatment", pp. 1, 4, 10, 307, McGraw-Hill, New York.
- (25) Hamdy E., Ibrahim K., (2000), "Water Quality Models I and II Application of GIS in Water Quality Models" Short Training Course on: Water Quality Models and Application of GIS, prepared by MWRI, NWRC and Nile Research Institute, pp. 2, Qanater, Egypt.
- (26) George Tchobanoglous and Edward D. Schroeder, (1987), "Water Quality Management" pp. 100, University of California at Davis.
- (27) Zj. Brzezinski, (1989), "Water Pollution and Health" International Symposium (SISIPPA), Lisbon, Portugal.
- (28) Latif, A.F.A. (1978), "Effect of Important the Nile Biota in Lake Nasser", International Symposium on the Environmental Effect of Hydraulic Engineering Work, Knoxville, Tennessee.
- (29) Osman M. A., Belal M., Nomrossy N.M., Youssef A.M., (1980), Journal of Environmental Science and Health, part B, (15) 3, pp. 295-306.

- (30) Amaral O. C., Otero R., Grimalt J. O., and Albaiges J.,(1996), Water Research, Journal of the International Association on Water Quality, (30) 8, pp. 1876-1884
- (31) WHO, (1988), "The Quality of the Environment": A Health-Based Global Assessment, World Health Organization, Geneva.
- (32) Ballance, R.,(1996), "Water Quality Monitoring" UNEP,WHO,pp. 209.
- (33) CIDA, (1992), "Technical Training Course for Chemists Selected Topics on Water Quality and Pollution Control", Procedure Note 500-5, prepared by Nile Research Institute (NRI).
- (34) WHO /UNEP, (1988), Global Environmental Monitoring System "Assessment of Fresh Water Quality" Report on the Results of WHO/UNEP Program on Health-Related Environmental Monitoring pp. 33,35,37.
- (35) Prasad D.Y., (1982),"Effect of Phosphours on Decomposition of Organic Matter in Fresh Water"India.J.Environm.Health,24 (3), pp. 206-214.
- (36) El-Zeftawi, M. (1994),"Some Studies on Pollution Parameters of the River Nile" M.Sc. thesis, Faculty of Science, Al-Azhar University, Egypt.
- (37) Ezo M., et.al., (1996), "Environmental Issues Related to Nile Water Quality" Pre-conference proceedings of Nile 2002 ,Comprehensive Water Resources Development of Nile Basin ,Action plan, pp. (E-1)-(E-12), Kampala, Uganda.
- (38) Welsh, J. L. and K.H. Mancy, (1992), "Egypt water Quality, Impact Assessment: Phase I" USAID/Egypt Project No. 398-0365, submitted by PRIDE.
- (39) Khedr W., et.al., (1993),"Water Quality Monitoring of the Nile After Aswan High Dam " Proceedings Nile 2002 Conference, pp. (VI-6-1)-(VI-6-16), Aswan, Egypt.

- (40) National Water Quality Conservation Unit (1995), "Assessment of Water Quality Hazard in Egypt", Second Advisory Committee Workshop, El-Qanater, Egypt.
- (41) Egyptian Environmental Information System (EEIS), End of Project Report (1996).
- (42) Fact sheet, (1995), National Water Quality Conservation Unit, National Water Research Center, El-Qanater, Egypt..
- (43) Stokinger,H.E. and woodward ,R.C. (1958),"Toxicological Method for Establishing Drinking Water Standards" ,J.A.W.W.A., pp. 450:515.
- (44) Straub,C.P. (1970),"Public Health Implications of Radioactive Waste Releases", W.H.O.,Genivia.
- (45) Ebied N. M..et.al.,(1999), "Prevention of Industrial Pollution to the Nile: A Success Story" Proceedings of Seventh Nile 2002 conference Comprehensive Water Resources Development of the Nile Basin : The Vision for the Next century, pp. (6.1)-(6.21), Cairo, Egypt.
- (46) El-Shanshoury M., et.,al., (1990), "Impact of Industrial Waste Influence on the River Nile Water Quality" National Seminar, Physical of the River Nile to Interventions, pp.169-176, Cairo, Egypt.
- (47) Abd El-Hafaiz , E.,Khattab, A., (1993), "River Nile Environmental Quality in the Vicinity of Thermal Power Stations " Poster Papers of Nile 2002 Conference, pp. (2-1)-(2-13), Aswan, Egypt.
- (48) Loehr, R.C. (1970), Environ. Control, 1, pp.69-99.
- (49) Mostafa S. M. ,(1995), Strategic Research Program, "Water Pollution and Environmental Implication in the Nile Basin" (case of Egypt) Working Paper series No.11-4.

- (50) Abd El-Gawad, S. T. (1985), "Mixing and Decay of Pollutants From Shore-Based Outfalls Dischargeing Into Cross-Flowing Streams", Ph.D thesis in Widsor, Ontario, Canda.
- (51) Narouz , Y.B. (1991), "Evaluation of the Effect of the Different Sources of Pollution on the Water Quality Characteristics of the River Nile from Aswan to Cairo and its Public Health Aspects" M.Sc. thesis,High Institute of Public Health, Alexandria University, Egypt.
- (52) Canadian Water Quality Guidelines, (1987), Task Force on Water Quality Guideline of the Canadian Council of Resources and Environment Ministers.
- (53) A.P.H.A., A.W.W.A., W.P.C.F. (1989), "Standard Method for Examination of Water and Wastewater" 17th Edition Washington, DC.
- (54) A.P.H.A., A.W.W.A., W.P.C.F. (1976), "Standard Method for Examination of Water and Wastewater", 14th Edition Washington,DC.
- (55) Strategic Research Program, (1995), "Irrigation Practices in Relation to Disease in Man", Working paper series no. 19-4.
- (56) World Health Organization (1966), "Technical Report Series, Water Pollution Control", Report of WHO Expert Committee, Geneva, pp. 318.
- (57) Rudolfs,W.E. (1953), "Industrial Wastes ,their Disposal and Treatment", American Chemical series, Reinholt Publishing C., New York.
- (58) Gurham ,G.F. (1955), "Principle of Industrial Waste Treatment", John Wiley New York.
- (59) Fishbein,L. (1974), "Water Pollution by Pesticides", J.a.W.W.A., pp. 56:269.
- (60) RNPD (1992), "Status of Nile Water Quality", Report 510, Qanater, Egypt.

- (61) El-Taweel ,G., (1994), "Use of Some Biological and Chemical Indicators for Evaluating the Waste Water during Treatment" Ph.D thesis, Faculty of Agriculture, Department of Agricultural Biochemistry, Cairo, Egypt.
- (62) Katz Max (1971), "Effect of Pollution upon Aquatic Life", Water Pollution Handbook, Leonard L. Editor, New York.
- (63) U.S. Environmental Protection Agency (EPA), (1976), "Quality Criteria for Water", Washington ,D.C.
- (64) Wiiliam E.Y. and Rebert K.J. (1983), "Effluent Ammonia Limits to Meat in Stream Toxicity Criteria" ,W.P.C.F., pp. 55:303.
- (65) Lioyd R., (1972), "Problems in Determining Water Quality Criteria for Fresh Water" Fisheries Pros.R.Soc.Lon.pp.180-439-449.
- (66) Chen., J.C.;Ting, Y and Lin j.N. (1991), "Leathal Effects of Ammonia and Nitrite on Penaeues Chinensis Juveniles", Mar. Biol. (Berlin), 107(3), pp. 427-431.
- (67) Lloyd,R. and Orr, L. (1969),"The Diuretic Response by Rainbow Trout to Sub-lethal Concentrations of Ammonia" ,Water Res.(G.B.),pp. 3:335.
- (68) Forma , P.e. and Gillete, J.L. (1968), "Effect of Ambient Ammonia on Blood and Nitrogen Excerctions on Rainbow Trout", Comp. Biochem. Physiol., pp. 26:887.
- (69) International Atomic Energy Agency (1980), "Environmental Effects of Cooling Systems" Technical Report Series, No. 202, Vienna.
- (70) Soliman, E. A. (1999),"Management of Cooling System of Electrical Power Plants and its Impact on the Nile River Environmental" M.SC thesis. Engineering Department, Institute of Environmental Studies and Research, Ain Shams University, Cairo, Egypt.

- (71) Becker, C.D., (1990), "Aquatic Bio-Environmental Studies: the Hanford Experience 1944-84", Elsevier, New York, USA.
- (72) Patrick, R.M. (1953), "Aquatic Organisms as an Aid in Solving Waste Disposal Problems", *Sewage Indust. Wastes*, 25, pp. 210-214.
- (73) Das P.K. and Conar, S.K. (1989), "Influence of Mixture of Petroleum Refinery Effluent and Nonionic Detergent on Aquatic Ecosystem", *Environ. Ecol.*, 7(3), pp. 598-604.
- (74) Lewis M.A. and V.T. Wee. (1983), "Aquatic Safety Assessment for Cationic Surfactants", *Environ. toxicol. Chem.*, 2, pp. 105-118.
- (75) Bevenidge, A. and W.F. Pickering (1983), "The Influence of Surfactants on the Adsorption of Heavy Metal Ions by Clays" *Water Res.*, 17, pp. 215-225.
- (76) Päril, P., O. Svanberg and Bergström, (1985), "The Influence of Surfactants on Gill Physiology and Cadmium Uptake in Perfused Rainbow Trout Gills" *Ecotoxicol. Environ. Saf.*, 9, pp. 135-144.
- (77) Calamari, D. and R. Marchetti (1973), "The Toxicity of Mixtures of Metals and Surfactants to Rainbow Trout (*Salmo Gairdneri*) Water" *Res.*, 7, pp. 1453-1464.
- (78) Larson, R.J. (1990), "Structure-activity Relationships for Biodegradation of Linear Alkyl benzene sulfonates", *Environ. Sci. Technol.*, 24(8), pp. 1241-6.
- (79) Geeta Chawla et al., (1989), "Toxicity of Linear Alkyl Benzen Sulphonate on Some Aquatic Plants" *Water, Air and Soil Pollution, an International Journal of Environmental Pollution* 43 (1.2), pp. 41-51.
- (80) Gledhill, W.E. Saeger, V.W. and Trehy, M.L. (1990), "Aquatic environmental Safety Assessment of Linear Alkyl benzene", *Environ. Toxicol. Chem.*, 10(2), pp. 169-78.

- (81) Wilber,C.G. (1969),"The Biological Aspects of Water Pollution", Charles and Thomas publisher ,Illinois,U.S.A.
- (82) Mc Kee ,J.E. and Wolf ,H.W. (1971),"Water Quality Criteria", second ed., California State ,Water Resources Control Board, Publication No. 3A.
- (83) European Inland Fishries Advisory Commission (1965), "Water Quality Criteria for European Freshwater fish" Report on Finely Divided Solids and Inland Fishries, Int. Jour. Air Water Poll.9, pp. 151.
- (84) National Academy of Sciences, National Academy of Engineering (1974), "Water Quality Criteria", 1974, US Government Printing Office, Washington, D.C.
- (85) Fayed,S.; Basiouni,M.; El-Deep,M. and Saleh,S. (1982), "Eutrophication Along the River Nile" the Egyptian Academy of Scientific Research and Technology, Cairo, Egypt.
- (86) El-Gohary,F.A., Nawar,S.S., (1982), "Change in River Nile Water Quality and Impact of Wastewater Discharge" Symposium on Environmental Technology for Developing Countries; Istanbul, Turkey.
- (87) El-Falaky,A.A.; Labib,T.M. and Hamed,T.H., (1988), National Water Research Center (NWRC), Water Science Journal ,4th Issue.
- (88) El-Moattasem,M.,et.al., (1990), "River Nile Water Quality Monitoring" T.H. and Shady, A. M. (Editors)Proceeding of National Seminar on Physical Responses of the River Nile to Interventions, pp. 153-168, Egypt.
- (89) El-Sherbini,A.M., (1985), "Water Quality Models and the Possibility of Using QUAL-II for the River Nile in Egypt", M.SC thesis, Dept. Civ. Eng., University of Southampton .

- (90) Soloterdijk,H.,et,al,(1992), "Water Quality Conditions of the River Nile" Proceeding of International Conference on Protection and Development of the Nile and Other Major Rivers.
- (91) Rabia,K.A.B. (1992), "Study of Water Quality of the River Nile at Helwan Area" M.Sc. thesis Faculty of Science, Department of Chemistry, Cairo University, Giza, Egypt.
- (92) Mohammed I.Abd El-Hamid et,al,(1992), "Water Quality of the River Nile in Egypt physical and chemical characteristics "Archiv Fuer Hydrobiologie, supplement AHBSA8, 90(3), pp. 283-310.
- (93) Abd El-Halim,A.M. (1993), "Status on the Physicochemical Changes of the River Nile at Region from Isna to El-Kanater El-Khyria" M.Sc. thesis, Faculty of Science, Alexandria, Egypt.
- (94) Hassan,S.K.A.G., Makary.A.Z. et.al,. (1993), "River Nile Water Quality Status, July 1991/ April 1992 " ICOLD, High Aswan Dam Vital Achievemen Fully Controlled, Cairo.
- (95) Shehata,M.B.; Issa,Y.M.; Elewa,A.A.; and Abd El-Satar,A.M. (1995), "Studies on Some Physicochemical Characteristics and Primary productivity of River Nile at El-Kanater El-Khyria region", Vet.Med.J., Giza, 43(1), pp.43-52.
- (96) Mahrous,Y.M.(1997), "Sources of River Nile Water Pollution from Assuit to Cairo and the Evaluation of its Effect on the Water Quality" J. of Env. Sci., Mansoura University, Egypt 13 pp. 45-64.
- (97) Moursy,.S., Badawy,M.I. (1981), "Sources and Concentrations of Oil and Grease in River Nile "Inter. Symposium Developing Nations, Alexandria, Egypt.

- (98) Abd El-Satar,A.M. (1998), "Distribution of Some Elements in River Nile Environment at Great Cairo Region" Ph.D Thesis Faculty of Science, Cairo, Egypt.
- (99) El-Gouhary, F. (1981) "Industrial and Municipal Wastewaters" The Oretical Course Prescribed for the Higher Studies Candidates of Civil Engineering Department, Faculty of Engineering, Ain Shams University, Cairo.
- (100) Mahrous,Y.M. (1994)"Surface water Pollution from Wastes of Poultry Automatic Slaughters, and how to Minimize it" J. of Environ Science, Mansoura University, 8, pp.1-15.
- (101) Sacherer, F. A. and Rrassning, F. Z. (1970) "The Effect of Organisms of prolonged contact with Oil-Polluted Water" Wass-Abwass, Forch, 3, pp.99-101.
- (102) Bassiuny, M. (1986) "Treatment of Industrial Wastewater" M.Sc. Thesis, Faculty of Engineering, Ain Shams University, pp 1-15.
- (103) Clark,B.G. and Micheal,A.U. (1972)"Waste Water Engineering in the Water Resources and Environmental Engineering", Mc Grow-Hill, New York.
- (104) Siliem,T.A.A. (1993) "Menofia Journal, Agr. Res., 18(3), pp.1863-1892.