

REFERENCES

- Bogden, J.D. and Lauria, D.B. 1975. Soil Contamination from Lead in Paint Chips. Bulletin of Environmental Contamination and Toxicology. Vol. 14, No. 3.
- Blus, L.J. et al 1975. The Brown Pelican with Certain Environmental Pollutants in Louisiana. Bulletin of Environmental Contamination and Toxicology. Vol. 13, No. 6
- Bender, J.A. 1975. Trace Metals Levels in Beach Dipterans and Amphipods. Bulletin of Environmental Contamination and Toxicology. Vol. 14, No. 2.
- Boylen, C.W. and Thomas, B.D. 1973. Bacterial Decomposition Process in Lake Wingra Sediments During Winter. Journal of Limnology and Oceanography. Vol. 17, No. 6
- Bertine, K.K. and Goldberg, E.D. 1972. Trace Elements in Clams, Mussels and Shrimps. Journal of Limnology and Oceanography. Vol. 17, No. 6.
- Blake, K.C.H. 1976. Absorption of ^{203}Pb from Gastrointestinal Tract of Man. Environmental Research. Vol. 11, No. 1.
- Brulad, K.W. et al 1974. History of Metal Variation in Southern California Coastal Zone. Environmental Science and Technology. Vol. 8, No. 5.
- Cumbie, P.B. 1973. Mercury Levels in Georgia Otter, Mink and Fresh Water Fish. Bulletin of Environmental Contamination and Toxicology. Vol. 14, No. 2.

- Crececius, E.A. et al 1975. Geochemistry of Arsenic, Antimony, Mercury and Related Elements in Sediments of Puget Sound. Environmental Science and Technology. Vol. 9, No. 4, p. 325-333.
- Dybern, B.I. 1972. Pollution in the Baltic p. 15-23 In Mario Ruivo (ed.) Marine Pollution and Sea Life FAO.
- Duchart, P. et al 1973. Distribution of Trace Metals in the Pore Waters of Shallow Water Marine Sediments. Journal of Limnology and Oceanography. Vol. 18, No. 4
- Dorn, R.C. et al 1975. Environmental Contamination by Lead, Cadmium, Zinc and Copper in a New Lead-Producing Area. Environmental Research. Vol. 9, No. 4, p. 159-172.
- Davis, J.A. and Jacknow, J. 1975. Heavy Metals in Waste Water in Three Urban Areas. Journal of WPCF. Vol. 47, No. 9, p. 2292-2297.
- Edgington, D.N. 1976. Records of Lead Deposition in Lake Michigan Sediments Since 1800. Environmental Science and Technology. Vol. 10, No. 3.
- Fonselius, S.H. 1972. On Eutrophication and Pollution in the Baltic Sea. In Mario Ruivo (ed.) Marine Pollution and Sea Life. FAO p. 23-28.
- Gardner, E.D. et al 1973. Marine Chemistry. Radioactivity in the Marine Environment. Washington D.C. National Academy of Sciences and National Research Council
- Goldberg, E.D. 1963. The Oceans as a Chemical System. p. 3-25 The Sea. Vol. 2, New York, Interscience Publishers.

- Goldberg, E.D. 1965. Minor Constituents in Sea Water. Chemical Oceanography. Vol. 1 Academic Press, New York., p. 163-165.
- Hall, E.S. 1972. Some Chemical Principles of Ground Water Pollution. Ground Water Pollution in Europe. Proceedings of a Conference Organised by the Water Research Association in Reading, England.
- Jernelov, A. 1970. Release of $\text{CH}_3\text{-Hg}$ from Sediments within Layers Containing Inorganic-Hg at Different Depth. Journal of Limnology and Oceanography. Vol. 15, No. 6, p. 958-960.
- Joensuu, O.I. 1971. Fossil Fuels as a Source of Mercury Pollution. Science. Vol. 172, No. 102.
- Harvey, H.W. 1953. Chemistry and Fertility of Sea Water. Cambridge University Press. 224 p.
- Kenneth, W.O. et al 1975. Identification of Soil Lead Compounds for Automotive Sources. Environmental Science and Technology. Vol. 9, No. 3.
- Knauer, C.A. and Martin, J.A. 1972. Mercury in a Marine Pelagic Food Chain. Journal of Limnology and Oceanography. Vol. 17, No. 6, p. 808-876.
- Lindberg, S.E. and Harris, R.C. 1974. Hg-Organic Matter Association in Estuarine Sediments and Industrial Water. Environmental Science and Technology. Vol. 8, No. 5.
- Matsunaga, K. 1976. Estimation by Variation of Mercury Concentration in Ocean During the Last Several Decades. Journal of the Oceanographical Society of Japan. Vol. 32, No. 1

- McLerran, C.J. and Holmes, C.W. 1974. Deposition of Zinc and Cadmium by Marine Bacteria in Estuarine Sediments. Journal of Limnology and Oceanography. Vol.19, No. 6.
- Mendenhall, W. 1969. Introduction to Probability and Statistics. Second Edition, Wadsworth Publishing Company, Inc. Belmont, California.
- Menasveta, P. 1975. Aquatic Environmental Mercury Contamination. Journal of the Science Society of Thailand. Vol. 1, No. 3, p. 167-177.
- Menasveta, P. 1975. Total Mercury in the Food Chain in the Bang Pra Coastal Area, Choburi, Journal of the Science Society of Thailand. Vol. 2, No. 3, p. 117-126.
- Miettinen, V. et al 1972. Preliminary Study on the Distribution and Effects of Two Chemical Forms of Methyl-Mercury in Pike and Rainbow Trout. In Mario Ruivo (ed.) Marine Pollution and Sea Life.FAO.
- Mitrovic, C.V. 1972. Sublethal Effects of Pollutants on Fish. In Mario Ruivo (ed.) Marine Pollution and Sea Life. FAO.
- Mierau, G.W. and Favara, B.E. 1975. Lead Poisoning in Roadside Population of Deer Mice. Environmental Pollution. Vol. 8, No. 1, p. 55-65.
- Netzer, H.K. et al 1975. Heavy Metals Contamination in Exhausted Dye Bath Effluents, Bulletin of Environmental Contamination and Toxicology. Vol. 14, No. 3.
- Narayani, P.S. and Pickup, W.F. 1975. Metallic and Non-Metallic Pollutants in the Discharge Water of Varieties of Industries. Bulletin of Environmental Contamination and Toxicology. Vol. 14, No. 2.

- Ningirawath, S. 1971. Poisoning from Environmental Mercury. (in Thai)
Journal of the Science Society of Thailand. Vol. 25, No. 11.
- Olson, G.F. et al 1975. Mercury Residues in Fathead Minnows, Pimephales promelas, Rafinesque, Chronically Exposed to Methyl-Mercury in Water. Bulletin of Environmental Contamination and Toxicology. Vol. 14, No.2.
- Portman, J.E. 1972. Possible Damages of Marine Pollution as a Result of Marine Operations for Metal Ores. In Mario Ruivo (ed.) Marine Pollution and Sea Life. FAO.
- Parson, T.R. 1972. Pollution Problems in the Strait of Georgia. In Mario Ruivo (ed.) Marine Pollution and Sea Life. FAO.
- Poklis, A. and Freimuth, H.C. 1975. The Lead Content of the Trachea in Baltimore Residents. Bulletin of Environmental Contamination and Toxicology. Vol. 14,, No. 2.
- Potter, L. et al 1975. Mercury Level in Lake Powel, Bioamplification of Mercury in Man-Made Desert Reservoir. Environmental Science and Technology. Vol. 9, No. 1
- Parker, C.R. 1972. Water Analysis by Atomic Absorption Spectrophotometer. Varian Techtron Pty. Ltd., Springvale, Australia.
- Rakama and S-hana. 1960. Geochemistry. Interscience Publishers.
- Smith, E.C. et al 1976. Mercury Levels in Fish in the La Grande River Area, Northern Quebec. Bulletin of Environmental Contamination and Toxicology. Vol. 13, No. 6.

- Sanford, M.S. and Barbara, Z.S. 1975. Geothermal Hazards, Mercury Emission. Environmental Science and Technology. Vol. 9, No. 5.
- Schell, W.R. and Barnes, R.S. 1973. Lead and Mercury in the Aquatic Environments of Western Washington State, Symposium on the Chemistry of Water Supply, Treatment and Distribution. American Chemical Society, Dallas, Texas, April 10-12, 1973.
- Saunders, P.J.W. 1976. Air Pollutants, Microorganisms and Interaction Phenomena. Environmental Pollution. Vol. 9, No. 2, p. 85-86.
- Sirinart, M. 1976. Development of an Analytical Technique for the Assay of Trace Elements in Fresh Water by Neutron Activation Analysis. Unpublished Master's Thesis. Department of Chemistry, Chulalongkorn University.
- Snedecor, G.W. 1956. Statistical Methods. U.S.A., Iowa State University Press.
- Trites, R.W. 1972. The Gulf of St. Laurence from a Pollution Viewpoint. In Mario Ruivo (ed.) Marine Pollution and Sea Life. FAO.
- Vacharotayan, S. et al 1962. Characterization of Selected Thai Soils by Means of X-Ray Diffraction Chemical and Mechanical Analysis. Journal of the National Research Council of Thailand. Vol.3, No.4.
- Wilkin, E. 1976. The Major Constituents of Sea Water. Chemical Oceanography. Vol. 1, Academic Press, New York.
- Williston, S.H. 1968. Mercury in the Atmosphere. Journal of Geophysical Research. Vol. 73, No. 4.

- Ward, N.I. and Brooks, R.R. 1975. Lead in Soil and Vegetation Along a New Zealand State Highway with Low Traffic. Environmental Pollution. Vol. 9, No. 4, p. 243-253.
- Welch, W.R. and Dick, D.L. 1975. Lead Concentration in Tissues of Roadside Mice. Environmental Pollution. Vol. 8, No. 1.
- Kambhu, X. 1961. Brief Description of Hydrologic Features of River Basins in Thailand. Journal of the National Research Council of Thailand. Vol. 2, No. 1.
- Yamanada, S. and Ueda, K. 1975. High Ethyl-Mercury in River Fish by Man-Made Pollution. Bulletin of Environmental Contamination and Toxicology. Vol. 14, No. 4.
- Thailand Report on the Third Pollution Survey in Gulf of Thailand, 9-11 April, 1974. by Subcommittee for Pollution Study in the Gulf of Thailand, National Research Council of Thailand.
- Report on Marine Pollution Surveys, November 1974. Hydrographic Department, Maritime Safety Agency, Ministry of Transport, Japan.
- Report on Marine Pollution Surveys, February 1976. Hydrographic Department, Maritime Safety Agency, Ministry of Transport, Japan.

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