Prof. M. Zalewski has published numerous scientific and technical papers in the fields of use of Ecosystem Processes as Management Tool for Sustainable Development, Economic Growth and Conservation of Biodiversity, use of Ecosystem Processes in River and Lake Basins for Reduction of Eutrophication, Elimination of Toxic Algal Blooms, Reduction of Sedimentation Rate and Bioenergy Production, and restoration of Water and Ecosystem Resources in Urbanized Spaces for Economic Development, Human Health and Quality of Life Improvement.

Zalewski M., 2011. Ecohydrology for implementation of the EU water framework directive. Water Management vol. 164 issue WM8, pp 375-385.

Zalewski M., 2010. Ecohydrology for compensation of Global Change. Brazilian Journal of Biology vol. 70 no. 3 (suppl.), 689-695.

Chicharo L., Wagner I., Chicharo M., Lapinska M., **Zalewski M.**, 2009. Practical experiments guide for Ecohydrology. UNESCO, 122pp, (ISBN 978-989-20-1702-0).

Zalewski M., Harper D., Demars B., Jolankai G., Crosa G., Janauer G. and Pacini N., 2008. Linking Biological and Physical Processes at the River Basin Scale: the origins, scientific background and scope of Ecohydrology. In: Harper D., Zalewski M., Pacini N., Ecohydrology: Sustainable Management of Water Resources, CAB International, London, 391pp.

Kiedrzyńska E., Wagner-Łotkowska, I., **Zalewski, M.**, 2008. Quantification of phosphorus retention efficiency by floodplain vegetation and a management strategy for a eutrophic reservoir restoration. Ecological Engineering 33: 15-25.

Zalewski, M. & Wagner, I. 2008. Ecohydrology of urban aquatic ecosystems for healthy cities [In:] Wagner, I. , Marshalek, J. and Breil, P. (eds). 2007. Aquatic Habitats in Sustainable Urban Water Management: Science, Policy and Practice. Taylor and Francis/Balkema: Leiden;

Zalewski M., 2007. Ecohydrology as a Concept and Management Tool, (in:) King C., Ramkinssoon J Clüsener-Godt M. Adeel Z. (eds.) Ecohydrology as a concept and management tool. , UNU-INWEH UNESCO MAB, p. 39-53. Canada.

Bednarek A., **Zalewski M.**, 2007. Management of lowland reservoir littoral zone for enhancement of nitrogen removal via denitrification. In: Okruszko T., Maltby E., Szatyłowicz J., Świątek D., Kotowski W. (Eds). Wetlands: Monitoring, Modeling and Management, A.A. Balkema Publishers - Taylor & Francis Group, 293-299pp.

Zalewski M. 2006. Flood pulses and river ecosystem robustness [In:] Tchiguirinskaia, I., Khin Ni Ni Thein, Hubert, P. (eds.) Frontiers in Flood Research, Kovacs Colloquium, UNESCO, Paris, June/July 2006, IAHS Publication 305

Zalewski M. 2006. The Potential of Conversion of Environmental Threats into Socioeconomic Opportunities by Applying an Ecohydrology Paradigm, [In:] Burdyuzha, V. (ed.) 2006. The Future of Life and the Future of our Civilization

Zalewski, M. 2006. Ecohydrology - an interdisciplinary tool for integrated protection and management of water bodies. Arch. Hydrobiol. Suppl. 158/4, p: 613-622

Zalewski M & Wagner-Lotkowska I. (eds). 2004. Integrated Watershed Management - Ecohydrology and Phytotechnology-Manual. UNESCO IHP, UNEP IETC. 246pp.

Zalewski M., Santiago-Fandino V. & J. Neate. 2003. Energy, water, plant interactions: "Green Feedback" as a mechanism for environmental management and control through the application of phytotechnology and ecohydrology. Hydrological Processes 17: 2753-2767.

Zalewski M., R. Robarts. 2003. Ecohydrology - a new Paradigm for Integrated Water Resources Management. SIL News 40, Sep. 2003:1-5

Zalewski M. (ed.). 2002. Guidelines for the Integrated Management of the Watershed - Phytotechnology and Ecohydrology. United Nations Environment Programme, Division of Technology, Industry and Economics. International Environmental Technology Centre. Freshwater Management Series No. 5, 188pp

Zalewski M. 2002. Ecohydrology-the use of ecological and hydrological processes for sustainable management of water resources. Hydrological Sciences Journal 47(5):825-834

Zalewski M. 2000. Special Issue on Ecohydrology. Ecological Engineering (The Journal of Ecotechnology) 16 nr 1, Ecohydrology - the scientific background to use ecosystem properties as management tools toward sustainability of water resources. Guest Editorial, Ecological Engineering 16:1-8.

Zalewski M. 1999. Minimising the risk and amplifying the opportunities for restoration of shallow reservoirs. 107-114, In: D. M. Harper, B. Brierley, A.J.D. Ferguson & G. Phillips (eds.), The Ecological Bases for Lake and Reservoir Management. Hydrobiologia 395/396. Kluwer Acad. Publ. The Netherlands.

Zalewski M., Bis B., Łapinska M., Frankiewicz P., W. Puchalski. 1998. The importance of the riparian ecotone and river hydraulics for sustainable basin-scale restoration scenarios. Aquatic Conservation: Marine and Freshwater Ecosystems. 8: 287-307.

Zalewski M., Janauer G.S., G. Jolankai (eds.). 1997. Ecohydrology - A new Paradigm for the Sustainable Use of Aquatic Resources. International Hydrological Programme UNESCO. UNESCO IHP-V Technical Document in Hydrology No 7, Paris, 58 pp.

Zalewski M. 1995. Freshwater Habitat Management and Restoration in the Face of Global Changes. In: N.B. Armantrout, ed. Condition of the world's aquatic habitats. Proceedings of the World Fisheries Congress, theme 1. Oxford & IBH Publishing Co. Pvt. Ltd., New Delhi, 170-194.

Schiemer, F., **Zalewski M.**, J.H. Thorpe (eds.) 1995. The Importance of Aquatic-Terrestrial Ecotones for Freshwater Fish. "Developments in Hydrobiology" 105 ; Hydrobiologia 303: 1-3. 278 pp.

Zalewski, M., W. Puchalski, P. Frankiewicz, B. Bis. 1994. Riparian ecotones and fish communities in rivers - intermediate complexity hypothesis. In: I. Cowx, ed. Rehabilitation of Freshwater Fisheries. Fishing New Books, Blackwell. Oxford, 152-160.

Schiemer, F., **Zalewski M.**,1992. The importance of riparian ecotones for diversity and productivity of riverine fish communities. Netherlands Journal of Zoology. 42: 323-335.

Zalewski, M. 1992. Percid fish as a tool for restoration of reservoir ecosystem, improvement of water quality and optimalization of fishery yield.In: Aquaculture and Schistosomiasis. Proceedings of a Network Meeting, Manila, Phillipines, 6-10 Aug 1991, National Academy Press , Washington, D.C. 148-157.

Zalewski, M., B. Brewinska-Zaras, P. Frankiewicz, S. Kalinowski. 1990. The potential for biomanipulation using fry communities in a lowland reservoir: Concordance between water quality and optimal recruitment. Hydrobiologia. 200/201: 549-556.

Zalewski, M., I. Cowx. 1990. Chapter 3. Factors Affecting the Efficiency of Electric Fishing. In: I.G. Cowx & P. Lamarque, eds. Fishing with Electricity, Oxford, Fishing News Books. Blackwell Scientific Publications, 64-91.

Zalewski, M., R.J. Naiman. 1985. The regulation of riverine fish communities by a continuum of abiotic-biotic factors. In: Habitat Modifications and Freshwater Fisheries (ed. J.S. Alabaster), FAO UN. Butterworths, London. 3-9.

Zalewski, M., P. Frankiewicz, B. Berwinska-Zaras. 1985. Factors limiting the growth and survival of brown trout introduced to different types of streams. J. Fish. Biol. 27: 59-73.

Zalewski, M. 1983. The Influence of fish community structure on the efficiency of electrofishing. Fish. Mgmt. 14: 177-186.