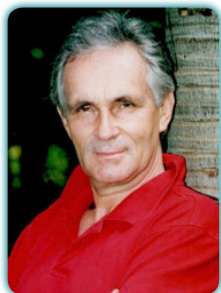


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Maciej Zalewski

European Regional Centre for Eco-hydrology, Poland

Eco-hydrology and ecological biotechnologies for improvement of water quality for and from aquaculture

Biography

Maciej Zalewski is a Professor of Lodz University, Department of Applied Ecology and Director of European Regional Centre for Ecohydrology of the Polish Academy of Sciences. His research interests evolved from Fish Bioenergetics towards River Ecosystems Ecology, where he proposed the "Abiotic-Biotic Regulatory Concept" that defines hierarchy of factors determining structure of water communities along river continuum in different geographic zones. This theorem laid down foundations for a new paradigm for environmental sciences enclosed in Ecohydrology. He initiated the development of the Ecohydrology concept under the framework of UNESCO-IHP program and is a respected international expert in this field. As the expert of UNESCO, he supported establishment of Centres for Ecohydrology in Portugal, Indonesia, China, Argentina and Ethiopia. He is a Lecturer in national and international teaching programmes. He has been a Chairman and keynote speaker of over 100 international scientific conferences and symposia and is an author of numerous publications and book chapters. He is also the Founder and Editor-in-Chief of international journal of Ecohydrology & Hydrobiology, and member of editorial boards of Ecological Engineering, Brazilian Journal of Biology, Fisheries Management and Ecology journals.

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