



Assoc. Prof. Dr. Ing. Piotr Parasiewicz is a civil and environmental engineer educated at the University of Agricultural Sciences in Vienna. He is an expert in instream flow models, habitat restoration and nature-like fishways. Piotr is a developer of MesoHABSIM ([www.MesoHABSIM.org](http://www.MesoHABSIM.org)), a multiscale approach for instream habitat modelling. It is currently used in instream flow management and river restoration and planning across US and in Europe. Among others, the model has been applied for determination of Protected Instream Flow Standards in the State of New Hampshire where it has been adopted as a part of State's legal framework. Between 1999 and 2012 in USA, he worked at Cornell University and University of Massachusetts, Amherst. He is currently a director of the Rushing Rivers Institute, a river research non-profit ([www.RushingRivers.org](http://www.RushingRivers.org)), an Adjunct Professor at the University of Nebraska Lincoln and the S. Sakowicz Inland Fisheries Institute in Poland.

Dr. Parasiewicz frequently offers technical advice to the government, non-profits and the industry. Most notably he was appointed by the Government of Austria as a member of Austrian Network for Environmental Research, an expert commission actively participating in development of EU Water Framework Directive. In 2006 and 2007 he was appointed as an expert to the Science and Technical Workgroup on Water Flow Regulations for the State of Connecticut. Currently he serves as a technical advisor at the Sustainable Water Initiative of the State of Massachusetts. He is also the founder member of International Aquatic Modeling Group (IAMG), a collaborative platform of researchers aiming to improve knowledge on running water habitats

#### Recent publications:

Castelli E., Parasiewicz P, Rogers J. N. (2011) Use of Frequency and Duration Analysis for the Determination of Thermal Habitat Thresholds: Application for the Conservation of Alasmidonta heterodon in the Delaware River, USA. *Journal of Environmental Engineering* 1, 415, DOI:10.1061/(ASCE)EE.1943-7870.0000520

Parasiewicz, P., J. Nestler, N.L. Poff & A. Goodwin. (2011) Virtual Reference River: A Model for Scientific Discovery and Reconciliation. *Environmental Research Journal*. 5 (1). pp. 97-114.

Jacobson R. A., Warner G., Parasiewicz P., Bagtzoglou R. & F. Ogden (2009) An Interdisciplinary Study of the Effects of Groundwater Extraction on Freshwater Fishes. *International Journal of Ecological Economics & Statistics*. 12 (F08) :7-26.

Parasiewicz P. (2007): The MesoHABSIM Model Revisited. *River Research and Application* 23 (8):893-903.

Parasiewicz P. (2007): Developing a reference habitat template and ecological management scenarios using the MesoHABSIM model. *River Research and Application* 23 (8): 924-932.