Christos (Chris) Katopodis is a Professional Civil Engineer, International Consultant, Adjunct Professor (1995-2014) and President of **Katopodis Ecohydraulics Ltd.** The company develops integrated and innovative solutions which transcend relevant disciplines by bridging water related engineering and ecology, or ecohydraulics. **Katopodis Ecohydraulics Ltd.** applies worldwide experience and research to consulting services: a) expert advice on planning and design to address and mitigate environmental concerns, protect, pass or exclude fish, provide e-flow regimes, assess or advance new technologies, develop guidelines, and enhance or restore habitat and river health; b) advice on regulatory issues, environmental assessments and mitigation options, particularly for fish and fish habitat; c) research advice, workshops and short training courses. Consulting assignments, workshops, training, and research activities include hydroelectric, oil and gas, and water management projects for industry, other consultants, government agencies or universities in Canada, USA, Europe (several countries), Japan, Australia, New Zealand, Indonesia, S. Africa, S. Korea, Brazil and China.

Chris Katopodis is an expert on ecohydraulics and has a strong background in interdisciplinary work combining hydraulics, hydrology, river morphodynamics and ice dynamics with environmental aspects, including habitat suitability, migrations, swimming ability and behaviour of many fish species. He has extensive experience with e-flow regimes (i.e. ecological, in-stream or environmental flows), fish passage, and river restoration projects. He has the expertise and demonstrated ability to effectively integrate engineering and biological factors to develop effective ecohydraulic solutions. He has worked on numerous projects throughout Canada and several other countries for over 40 years. He has teamed-up with consultants, academic institutions and government agencies in Canada, USA and other countries. He pioneered several ecohydraulic concepts and results from his research are used worldwide. He devised innovative fish passage design methods, including "stream simulation" and nature-like concepts; initiated studies with ecohydraulic flumes for fish swimming and behaviour; spearheaded efforts to develop the widely used model (www.river2d.ualberta.ca), which includes habitat simulation for ice-free and ice-affected river conditions. He worked at the Freshwater Institute, Winnipeg, Manitoba, Canada from 1975-2010.

The Canadian Society for Civil Engineering (CSCE) awarded him the grade of Fellow (2012) for career achievements, contributions and leadership as well as the Camille Dagenais Award (2007) for outstanding contributions to the development and practice of hydrotechnical engineering in Canada. Along with consultants, he received an Award of Excellence by the Consulting Engineers of Alberta (2008) and a team Government of Canada Distinction Award for instream flow and water intake work for oilsands projects (2007). He is a member of: IAHR, ASCE, AFS, CSCE, and APEGM. He has a M.Sc. (C.E.), University of Alberta (1982) and a B.Sc. (C.E.), University of Manitoba (1974).

Adjunct professor: University of Alberta (C.E., 1995-2014); Universities of Manitoba (C.E.) & Waterloo (Biology; 1995-2000). Organized many symposia, workshops, seminars and training courses, in many countries. Reviews manuscripts for numerous scientific and engineering journals and research proposals for many agencies. Served as Guest-Editor for 3 journal special issues and contributed more than 180 publications with over 70 in the primary literature. Presented invited lectures or workshops, served on expert panels and evaluation teams, or as external examiner for MSc or PhD Theses, many times in Canada and in over 20 countries, most recently in Norway (May 2015, May 2012), The Netherlands (Feb 2015, May 2014, March 2011), China (May 2014, Apr. 2013), Hellenic Republic (2013; Apr. 2012 & Nov. 2011), USA (March & June 2011), Germany (Apr. 2011 & May 2010), Spain (July 2010), S. Korea (Sept. 2010), and Portugal (March 2010).

Contact information: **Katopodis Ecohydraulics Ltd.**
KatopodisEcohydraulics@live.ca
122 Valence Avenue, Winnipeg, MB, CANADA R3T 3W7
Office: 204 261 1482 Mobile: 204 298 9388