



Expert Bios

Lesley Griffiths - SEA Process Lead, Fundy Tidal Energy Technical Advisory Group for OEER

Lesley Griffiths MCIP, Process Lead for the Fundy Tidal Energy Strategic Environmental Assessment for OEER, is also Co-Principal of Griffiths Muecke, a firm of environmental and community planners established in 1980. Lesley has worked extensively in the areas of environmental impact assessment, offshore resource development, waste management, urban and streetscape design, tourism and recreation planning, and community development. In 2005-06 she chaired the Sydney Tar Ponds Joint Review Panel, and in 1997-99 she chaired the Voisey's Bay Mine and Mill Project Joint Review Panel. She was also a member of the Halifax Harbour Clean-up panel and co-chaired the Minister's Task Force on Clean Air in 1992.

Dr. Joshua Leon - Co-Chair, Fundy Tidal Energy Technical Advisory Group for OEER

Dr. Joshua Leon is the Dean of Engineering at Dalhousie University. He previously was Professor and Head of the Department of Electrical and Computer Engineering at the University of Calgary. Before moving to Calgary, Dr. Leon was a faculty member in the Institute of Biomedical Engineering and the Department of Electrical and Computer Engineering at the Ecole Polytechnique de Montreal. He earned his BSc and Master's degrees in Mathematics and a PhD in Biophysics at Dalhousie University. Dr. Leon is a Professional Engineer and is a member of the Association of Professional Engineers and Geologists of Alberta and the Association of Professional Engineers of Nova Scotia.

Throughout his career Dr. Leon has been a very active researcher. He has published over 80 peer reviewed articles on computational science, electromagnetics, bioelectric phenomena and cardiac electrophysiology. His current research focus is on the acceleration of numerical software using Graphics Processing Units (GPU).

Dr. Leon is a co-founder of Acceleware, a publicly traded company based in Calgary Alberta. They are the recognized world leader in General Purpose GPU computing. It employs almost 100 people, and has a number of Fortune 500 companies as customers.

Dr. Meinhard Doelle - Co-Chair, Fundy Tidal Energy Technical Advisory Group for OEER

Professor Doelle, BSc (Chemistry), LLB (Dal), LLM (Osgoode Hall), JSD (Dal), is a full time faculty member at Dalhousie Law School, specializing in environmental law. He teaches Environmental Law I: Introduction to Environmental Law and Policy, Environmental Law II: Environmental Law as Regulatory, Political and Social Process, and Energy Law, and currently serves as the Associate Director of the Marine and Environmental Law Institute. From 1996 to 2001, he was the Executive Director of Clean Nova Scotia, with a mandate to pursue an environmentally healthy and sustainable society in Nova Scotia. He is Environmental Counsel to the Atlantic Canada law firm of Stewart McKelvey, where he has been involved in prosecutions, issues of common law liability, environmental assessments, environmental audits, site assessments, and other environmental law matters. He was the principle legislative drafter of the draft Nova Scotia Environment Act (1995).

Professor Doelle, who is currently the Co-Chair of the Fundy Tidal Energy Technical Advisory Group for OEER, was a policy advisor with the Federal Environmental Assessment Review Office (FEARO) during the development and passage of the Canadian Environmental Assessment Act and regulations. From 2000 to 2006, he served as an environmental non-governmental representative on the Canadian Delegation for negotiations under the United Nations Framework Convention on Climate Change. He has been a member of the Editorial Advisory Board for Canadian Environmental Regulation and Compliance News since 1997. Professor Doelle has written on a variety of environmental law topics, including climate change, invasive species, environmental assessments, and public participation in environmental decision making. His most recent book is entitled *From Hot Air to Action: Climate Change, Compliance and the Future of International Environmental Law*.