



“Knowing your Site and Sticking To It”

Biography: Dr. Sue Molloy, Dalhousie University

Sue Molloy, PhD, MEng, BEng, BSc, is a consulting engineer, researcher and adjunct professor in ocean engineering and specializes in Marine Renewable Energy, Eco-Ships and sustainable engineering. Dr. Molloy is chair of the Engineering Committee on Oceanic Resources (ECOR) Marine Renewable Energy (MRE) Specialist Panel, Convener of the International Electrotechnical Commission (IEC) ad-hoc committee on River Turbine Power Performance, a Canadian representative on the IEC MRE Design committee and co-chair of the FERN.acadiau.ca engineering sub committee.

Dr. Molloy works with Black Rock Tidal Power as their manager of ocean technology. In 2012-13 Dr. Molloy worked with FORCE assisting them in developing their ocean technology R&D program for their Sensor platform project, FAST. Dr. Molloy was one of the organisers and facilitators of a NS DOE Marine Energy supply chain workshop on ocean tech opportunities in MRE in Canada, March 2013. Dr. Molloy worked as the engineer-in-residence for tidal power research in the Faculty of Engineering at Dalhousie University 2012-2013 and teaches on tidal power.

Dr. Molloy worked on research and consulting projects in modeling and scaling of turbines, community education in tidal, development of tidal test facilities, cabling of tidal turbines and efficiency and environmental effects of power systems.