

## Ted Currie

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### Biography

Mr. Ted Currie, Senior Environmental Analyst, Department of Fisheries and Oceans Canada, Maritimes Region. Mr. Currie has more than 30 years' experience and has extensive knowledge of the environmental assessment / regulatory processes as well as follow up requirements for large energy projects. Mr. Currie recently completed an assignment to develop a strategic research plan to support future approvals for marine renewable energy projects in Canada.

### Presentation Abstract: Research Needs to Support an Efficient Regulatory Framework for Ocean Renewable Energy

Last year the Department of Fisheries and Oceans (DFO) Canada established a national working group to oversee the development of a strategic research plan for Marine Renewable Energy (MRE). One of the key outputs of the working group was the preparation of pathways of effects logic models to demonstrate cause and effect relationships between various MRE technologies and the environment. Under the direction of the DFO Canadian Science Advisory Secretariat, a peer review was conducted to ensure all of the relationships identified were supported by science. A follow up workshop was held (February 2012) with representatives from DFO, other government departments, provinces, industry, USA, and academia to apply the pathways of effects to representative marine renewable energy projects. The objective of the meeting was to identify knowledge gaps in relation to MRE environmental effects and regulatory decisions and these provided the basis of a strategic research plan. This presentation, *Research Needs to Support an Efficient Regulatory Framework for Ocean Renewable Energy* will provide an overview on this work, including a summary of the proposed science priorities.