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Quantifying and calibrating the cumulative effects of human-induced and natural changes to habitats and the aquatic resources they support

Cumulative Effects Projects 2010-2011

(in alphabetical order by principal investigator)

- ▶ [Cumulative effects at multiple scales: case studies of the development of habitat-population assessment tools using Fraser River salmon](#). Principal Investigator: David Patterson, David.Patterson@dfo-mpo.gc.ca, DFO, Coastal Resources Management Initiative (CRMI), British Columbia (Funded 2009/10 - 2011/12)

Cumulative Effects Projects 2009-2010

(in alphabetical order by principal investigator)

- ▶ [Cumulative effects of anthropogenic activity on Placentia Bay marine food webs](#). Principal Investigator: M. Robin Anderson, M.Robin.Anderson@dfo-mpo.gc.ca, DFO, Northwest Atlantic Fisheries Centre, Newfoundland and Labrador
- ▶ [The impact of water diversion on fish habitat and lake ecosystem function](#). Principal Investigator: Paul Blanchfield, Paul.Blanchfield@dfo-mpo.gc.ca, DFO, Freshwater Institute, Manitoba
- ▶ [Moving from local to national: using a regional case study in waterfront development, compensation and cumulative impact assessment to inform national aquatic habitat management](#). Principal Investigator: Susan Doka, Susan.Doka@dfo-mpo.gc.ca, Great Lakes Laboratory for Fisheries and Aquatic Sciences, Ontario
- ▶ [Maintaining kelp bed stability in the face of invasions, climate change and overfishing](#). Principal Investigator: Jean-Sébastien Lauzon-Guay, Jean-Sebastien.Lauzon-Guay@dfo-mpo.gc.ca, DFO, Institut Maurice-Lamontagne, Quebec

Cumulative Effects Projects 2008-2009

(in alphabetical order by principal investigator)

- ▶ [Cumulative effects of anthropogenic activity on Placentia Bay marine food webs](#). Principal Investigator: Robin Anderson, M.Robin.Anderson@dfo-mpo.gc.ca, DFO, Northwest Atlantic Fisheries Centre, Newfoundland and Labrador

- ▶ [Defining vulnerable marine ecosystems for the purposes of advice provision](#). Principal Investigator: Jim Boutillier, James.Boutillier@dfo-mpo.gc.ca, DFO, Pacific Biological Station, British Columbia
- ▶ [Investigation of habitat-population models for assessing the impact of multiple habitat factors on salmon reproductive success](#). Principal Investigator: David Patterson, David.Patterson@dfo-mpo.gc.ca, Simon Fraser University, British Columbia
- ▶ [Methods for measuring the cumulative effects of multiple stressors on fish habitat and fishes in Canada: literature review, synthesis and tools](#). Principal Investigator: Robert Randall, robert.randall@dfo-mpo.gc.ca, DFO, Great Lakes Laboratory for Fisheries and Aquatic Sciences, Ontario

View available annual [project reports and publications](#) here.

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