



## **Postdoctoral Researcher in Marine Ecotoxicology and Ecology**

With Drs. Heather Hunt and Karen Kidd (Adjunct)  
University of New Brunswick Saint John, Saint John,  
New Brunswick, Canada

**One year position:** Nov 2020 – Oct 2021

**Application due date:** 21 September 2020

Over the past decade sediment contaminants and biota in the Saint John Harbour, New Brunswick, Canada has been analyzed for metals, hydrocarbons and benthic invertebrates to assess their variability over time and among sites, and to understand the risks contaminants pose to sediment-dwelling species using measures of diversity and abundance. This research project built on existing knowledge by sampling priority sites in the Harbour to assess current contaminant levels and invertebrate communities, and by sampling reference locations to establish a baseline for future monitoring programs.

We are seeking a Postdoctoral Researcher at the University of New Brunswick Saint John in the Biology Department to work on this long-term monitoring program on the Saint John Harbour. This position is mainly data synthesis, statistical analysis and manuscript writing with some potential for local field work.

### **Your tasks:**

Compilation and synthesis of data on sediment contaminants and invertebrates  
Spatiotemporal analysis of long-term data from the marine environment  
Preparation of manuscripts and reports

### **Your profile:**

PhD in Ecotoxicology, Ecology, or a related field (must have PhD at time of application)  
Solid background in freshwater or marine ecology (preferably benthic invertebrates)  
Advanced skills in the analysis of large datasets  
Quantitative background in statistical modelling and multivariate statistics  
Strong track record of peer-reviewed publications  
Excellent written and oral communication skills

Applicants should email one PDF that includes a CV (with a list of publications), a statement of interest and experience and names of 2 references to Dr. Heather Hunt, Professor, UNB Saint John ([hhunt@unb.ca](mailto:hhunt@unb.ca)) and Dr. Karen Kidd (Adjunct, UNB Saint John), [karenkidd@mcmaster.ca](mailto:karenkidd@mcmaster.ca) Applications will be considered until 21 September 2020.