



“What was that Sound?”

Biography: Dr. Hilary Moors-Murphy, Department of Fisheries and Oceans

Dr. Hilary Moors-Murphy has been working for the Maritimes Region of the Department of Fisheries and Oceans (DFO) since 2010. She holds a BSc and MSc in biology from the University of New Brunswick Saint John where she studied seal acoustics, and a PhD in biology from Dalhousie University where she studied whale acoustics. Her work with DFO is focused primarily on increasing understanding and promoting recovery of cetacean species at risk off Nova Scotia. Dr. Moors-Murphy’s main research interests include marine mammal ecology and behavior, anthropogenic noise impacts on marine mammals, and passive acoustic monitoring methods. More specifically, she aims to increase our understanding of when and how cetaceans are using different areas of the Scotian Shelf by monitoring their underwater vocalizations over various spatial and temporal scales. Characterization of ambient and anthropogenic noise levels within these areas is another important component of her work that will increase our understanding of the potential impacts of anthropogenic sounds on cetaceans. Dr. Moors Murphy is an active member of the OERA Marine Sound Area and Seismic & Marine Sound sub-committees.