A fully funded MSc opportunity is available at the Fisheries and Marine Institute of Memorial University of Newfoundland starting in the fall 2020.

Artificial reefs are increasingly used to create new habitats for fish and shellfish, often as part of habitat compensation measures for human coastal or offshore development activities. Recently, numerous artificial reefs have been deployed in Placentia Bay, Newfoundland. However, the benefits of these artificial reefs for fish and shellfish remains to be evaluated.

The goal of this project is to conduct a monitoring program to evaluate the benefits of using artificial reefs for fish and shellfish as habitat compensation measures in Atlantic Canada. Reef monitoring will be done largely with scuba diving techniques and underwater camera deployments. The candidate will work under the supervision of Dr. Arnault Le Bris from the Fisheries and Marine Institute (www.arnaultlebris.ca) and Dr. Patrick Gagnon from the Department of Ocean Sciences(http://www.ucs.mun.ca/~pgagnon/).

**Location.** The student will register in the MSc in Marine Biology (https://www.mun.ca/osc/graduate-program/) and primarily based at the Fisheries and Marine Institute.

**Requirements.**
- Bachelor degree in Marine Biology, Ecology or related discipline from a recognized institution.
- Scuba diving certification/experience with preferentially scientific diving experience
- Knowledge of Northwest Atlantic marine species is an asset.
- Previous experience working with video files and underwater camera systems is an asset.
- Strong written and oral communication skills.

**Start date.** Fall 2020. The start date is flexible and may change based on the covid19 situation. If interested, the candidate will be able to start working as a paid research assistant in August 2020 before starting the MSc program in September 2020.

**Application.** Please send a cover letter, curriculum vitae and latest university transcripts (official or unofficial) by email to both Dr. Arnault Le Bris, arnault.lebris@mi.mun.ca and Dr. Patrick Gagnon, pgagnon@mun.ca. Application deadline is on May 15, 2020.