

The Fisheries Science and Management Research Group at the School of Resource and Environmental Management (REM) at Simon Fraser University has multiple Masters-level assistantships available for highly motivated students interested in improving the understanding and management of fish populations through research on marine and freshwater systems, including fishes, marine mammals, invertebrates, and their habitats. Located just outside Vancouver, British Columbia, Canada, our interdisciplinary program enables students to develop expertise in applied fisheries science and management along with related areas such as resource economics, simulation modeling and statistics, risk assessment and decision analysis, ecotoxicology, conflict resolution, and environmental law.

The choice of a specific research project is extremely flexible. Past and current projects have focused on such topics as population dynamics, environmental causes of variation in survival and growth rates, habitat and resource selection modeling, dynamic response of commercial and recreations fishing fleets, direct and indirect ecosystem effects of fishing, development of new stock assessment and management simulation methods, evaluation and design of management and conservation strategies, and the development of innovative monitoring programs in the context of climate change. Research may involve field, laboratory, and/or computer modeling components. Along with state-of-the-art computing facilities, REM also has a new \$1 million remote sensing laboratory which includes fisheries wet/dry labs, a 9-metre dedicated research vessel, a submersible/ROV rated to 2000 ft (600 m), and hydroacoustics and sonic tracking equipment.

Interested students should visit our web page (<http://www.rem.sfu.ca/fishgrp/>) or contact:

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