

Dr. Joseph S. Wroblewski

Name of Faculty Member

Full Professor

Academic Rank

Faculty of Science/ Dept. Ocean Sciences, Memorial University, St. John's, NL, Canada

Faculty/Department

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Contact Information

Degrees

B.Sc. (Biology) Univ. of Illinois, Chicago, 1970

M.Sc. (Biological Oceanography) Florida State University, 1972

Ph.D. (Biological Oceanography) Florida State University, 1976

Research Positions and Academic Appointments

Assistant Professor, Dept. Oceanography, Dalhousie University, Halifax, N.S. 1976-1984

Research Scientist, Bigelow Laboratory for Ocean Sciences, Maine, USA 1984-1989

Program Manager, Oceanic Biology, Office of Naval Research, Arlington, VA
1986-1987

Professor, Memorial Univ. of Newfoundland, St. John's, NL, 1989- present

Department of Ocean Sciences; Cross Appointment with Department of Biology

NSERC Industrial Research Chair in Fisheries Oceanography, 1989-1995

Program Chair, Interdisciplinary Graduate Program in Environmental Science,
2008-2012; 2015-2016; 2018-2019

Research Interests

My research interests include fisheries oceanography, marine ecosystem dynamics, and earth systems numerical modeling. My research at Memorial University has focussed on scientific problems of interest to the fishing industry of Atlantic Canada. As holder of the NSERC/FPI/ National Sea Products Research Chair in Fisheries Oceanography (1989-1995), my students and I studied the ecology of the northern cod. We had a leading role in establishing the science basis for the Gilbert Bay Marine Protected Area (Government of Canada, 2005) in southeast Labrador.

Teaching

I teach an undergraduate course on fisheries ecology from the viewpoint of global climate change. I also teach a graduate course on fisheries resource management and a summer field course on estuarine fish ecology at the Bonne Bay Marine Station at Norris Point, Newfoundland.

Refereed Journal Publications

I have published 50+ scientific papers in peer-reviewed journals

Books Published

Wroblewski, Joe (illustrated by Leah Wroblewski). 2013. Marine Wildlife of the Gros Morne National Park Region. Breakwater Books, St. John's. 202 pages

Professional Consulting

Environmental impact of the Labrador-Island undersea high-voltage, direct-current (HVDC) transmission link of the Muskrat Falls Hydropower Project