



**NSERC
CRSNG**

KEY ACHIEVEMENTS

Sustainable Aquaculture (2013-Present)

Stephen F. Cross, PhD.

PARTNERS

Cermaq Canada ♦ Creative Salmon
Grieg Seafood ♦ Marine Harvest Canada
♦ 10 Coastal First Nation Communities

AGENCIES

- Natural Sciences And Engineering Research Council Of Canada (NSERC) College and Community Innovation (CCI) Grant Program

7

FUNDED
GRANTS

14

PUBLICATIONS

13

PROJECTS

35

STUDENTS
IMPACTED

PRESENTATIONS

- 8 INTERNATIONAL PRESENTATIONS ♦ 9 NATIONAL PRESENTATIONS
- 5 WORKSHOPS ♦ 2 KEYNOTES ♦ 7 INVITED ACADEMIC PRESENTATIONS

PRIMARY
INVESTIGATOR FOR

\$3,020,000

IN FUNDING

CO-INVESTIGATOR FOR

\$100,000

IN FUNDING

MEDIA INTERACTIONS

♦ 10 Radio ♦ 1 Television ♦ 7 Print

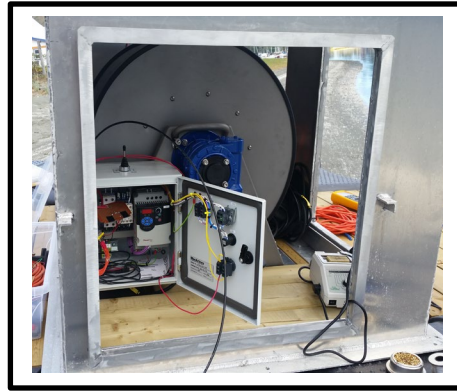
IRCC & PARTNER FUNDING



\$2,500,000

TEAM

- 3 FULL TIME STAFF
- 1 PART TIME STAFF
- 10 WORK STUDY STUDENTS
 - 5 VOLUNTEERS



CHAIR FOCUS: KEY RESEARCH AREAS

Sustainable Aquaculture

Stephen F. Cross, PhD.



Dr. Stephen Cross received his M.Sc. at the University of Victoria (Canada) in marine quantitative ecology/oceanography and his Ph.D. at the Aquaculture Institute, University of Stirling (Scotland). He is currently the NSERC Industrial Research Chair for Sustainable Aquaculture at North Island College's Centre for Applied Research, Technology and Innovation, an Associate Professor at the University of Victoria, and an Adjunct Professor in VIU's Department of Fisheries and Aquaculture. His current research program focuses on various aspects of environmental sustainability/management of coastal aquaculture including: (i) network development integrating web-controlled water quality profiling, harmful algal bloom biomonitors, and climate change parameters for farm facilities; (ii) co-culture of kelp/seaweeds with salmon as a water quality mitigation tool and socio-economic opportunity for coastal communities; (iii) structuring an integrated fisheries-

aquaculture approach for coastal First Nation communities; and (iv) ongoing innovation, design, engineering and commercial-scale testing of Sustainable Ecological Aquaculture (SEA) systems. Dr. Cross provides 30 years of regional, national and international experience with the aquaculture sector.

