

# Northern Boundary and Transboundary Rivers Restoration & Enhancement Fund

## Call for Proposals for the 2019 Project Year

The Northern Fund Committee hereby issues their 2019 Call for Proposals for projects within the Northern Fund's geographic area which are consistent with, & necessary for, the implementation of the Pacific Salmon Treaty. Because income from investments cannot be assured, the actual amount available for projects in 2019 will depend on Fund performance

Private, non-profit, and public sector applicants are encouraged to apply. The Northern Fund Committee emphasizes that during this preliminary phase, it is soliciting ideas and concepts only, in the format provided, not fully detailed formal project proposals.

With this initial call comes a three-page "Project Concept" form to be completed by interested parties and returned to the Pacific Salmon Commission offices in Vancouver, BC, **by midnight (24:00) on Sunday, September 2<sup>nd</sup>, 2018** at the following e-mail address: [northfund@psc.org](mailto:northfund@psc.org). The Project Concept form will allow the Northern Fund Committee to review submissions expeditiously and in a consistent format.

The Northern Fund Committee will meet in late September 2018 to review all Project Concept forms. Following this review, the Northern Fund Committee will initiate a second-stage, request for "Detailed Proposals" process for their chosen shortlist of top priority projects. Those projects approved to move to the second stage will have until Sunday, November 18<sup>th</sup>, 2018 to submit final, detailed applications on a form that will be provided. The final applications will be subject to an in-depth technical review and the Northern Fund Committee will make its final funding decisions in February 2019.

The following information is presented to assist proponents in preparing Project Concepts for the first stage review.

### **What proposals will be considered?**

The Northern Fund Committee operates within the mandate established for it in the 1999 Agreement between Canada and the United States under the Pacific Salmon Treaty (PST). The mandate states that the Northern Fund shall be employed as a long-term and stable monetary base that supports projects that assist stocks and fisheries covered under the Pacific Salmon Treaty. In 2019 the proceeds from the Northern Fund shall be used to support the following types of activities.

- Development of improved information for resource management, including better stock assessment, data acquisition and improved scientific understanding of limiting factors affecting salmon production in the freshwater and marine environments;

- Rehabilitation and restoration of marine and freshwater fish habitat, and improvement of habitat to enhance productivity and protection of Pacific salmon; and
- Enhancement of wild stock production through low technology techniques rather than through large facilities with high operating costs; and

The Northern Fund's primary geographic area is from Cape Suckling, Alaska in the north to Cape Caution, B.C. in the south. This encompasses areas of relevance to the Pacific Salmon Treaty in the Alsek river drainage, Southeast Alaska, and Northern and Central British Columbia.

Projects that provide benefits within this geographic area are eligible for consideration for funding by the Northern Fund Committee subject to the purpose, principals and procedures set forth herein. Applications for projects that are physically located outside the Northern Fund's primary geographic area but provide benefits to the fisheries within that area are also eligible for submission.

### **Goals of the Northern Fund**

#### **Goal 1**

Development of improved information for resource management, including better stock assessment, data acquisition and improved scientific understanding of limiting factors affecting salmon production in the freshwater and marine environments.

This goal recognizes the need to obtain accurate annual estimates of catches and escapements for stocks that are crucial to the agreed regimes. Such information is required in order to determine MSY escapement goals, forecast annual runs, and manage the runs to fulfill the terms of the negotiated regimes. It also incorporates the need for better understanding of the factors that determine the annual abundance of the stocks and for development of reliable techniques that accurately assess annual abundance in-season. Acquisition of basic scientific information for particular salmon populations not directly referenced in the agreed regimes may be appropriate on a case-by-case basis.

*Under **Goal 1**, the Northern Fund Committee encourages potential projects that involve data collection, stock assessment, and research concerning fisheries and stocks in the Northern Fund's geographic area. In particular the Committee encourages projects involving:*

- a) Catch accounting including both stock identification and harvest enumeration, or*
- b) Escapement enumeration of stocks harvested in fisheries of both nations; data needed to estimate optimal escapement, or*
- c) Baseline data necessary to forecast returns and determine fishery stock composition for stocks originating in rivers in the geographic area and harvested in the fisheries of both nations, or*
- d) Development and/or implementation of techniques to improve stock identification and forecasting, or*
- e) Improvements to data systems that provide timely and consistent information on stock assessment and harvests, including bilateral data system integration, or*
- f) Projects that improve understanding of production potential, rearing and early ocean survival and limiting factors especially for stocks of interest, or*

- g) Integrated planning exercises that will assist in directing restoration and enhancement efforts for stocks of interest.*

## **Goal 2**

Rehabilitation and restoration of marine and freshwater fish habitat, and improvement of habitat to enhance productivity and protection of Pacific salmon.

The primary objective of this goal is to focus on increasing the abundance of fish stocks by opening freshwater habitat to salmon spawning and rearing. In specific instances, it will be possible and appropriate to rehabilitate previously productive habitat that has been degraded as a result of human or natural activity. It is very likely that acquisition of relevant scientific information will be required to guide decision-making and evaluation. The Committee believes that large-scale habitat rehabilitation, habitat monitoring, habitat protection and land acquisition are more appropriately addressed by other agencies and organizations.

*Under Goal 2, the Northern Fund Committee encourages potential projects that involve the rehabilitation and restoration of freshwater and/or marine salmon habitats and/or the improvement of existing natural salmon habitats in the Northern Fund's geographic area to enhance and protect Pacific salmon. In particular the Committee encourages projects that:*

- a) Have a high potential to increase wild fish production and*
- b) Provide new habitat for salmon spawning and rearing, or*
- c) Restore or rehabilitate historical or existing salmon habitat that has been degraded by human or natural cause, or*
- d) Assess previous habitat restoration initiatives as to effectiveness over the long term, or*
- e) Improve understanding and management of fish habitat, or*
- f) Develop plans that will assist in directing restoration efforts for stocks of interest.*

## **Goal 3**

Enhancement of wild stock production through low technology techniques rather than through construction of large facilities with high operating costs. This includes acceptable refinements to existing enhancement facilities that will increase the productivity of those facilities.

This goal recognizes the desire to enhance salmon populations where specific wild stocks are at levels well below their potential and where opportunities exist to generate returns that will contribute to our fisheries without compromising wild stocks. The intention is to increase total salmon production in the region by developing strategic opportunities that are financially viable over the long term but that do not create long term operational obligations for the Fund.

Proposed enhancement projects must comply with applicable enhancement policies of the Alaska Department of Fish and Game, the Canadian Department of Fisheries and Oceans, the BC Ministry of Water, Land and Air Protection, and the Government of Yukon as appropriate.

*Under Goal 3, the Northern Fund Committee encourages potential projects that involve salmon enhancement in the Northern Fund's geographic area. In particular the Committee encourages projects involving :*

- a) *Development and/or implementation of innovative approaches to low-technology enhancement of wild stock, including exploration of new methods for salmon mark and recapture or other techniques that would allow the census of salmon populations in remote areas or*
- b) *Enhancing habitat to supplement natural production, such as construction of spawning channels, or*
- c) *Projects to operate and evaluate effectiveness of small-scale hatchery program, or,*
- d) *Creating access for sockeye and coho to, or planting sockeye or coho into, lakes, or*
- e) *Assessment of marine and freshwater enhancement potential, or*
- f) *Assess previous enhancement initiatives as to cost benefits, impacts on wild stocks and effectiveness over the long term*

### **Review Criteria**

All proposals will be subject to review by the Northern Fund Committee process. In general, successful proposals will be those determined by the Northern Fund Committee to be consistent with the uses for which the fund may be expended and offering the greatest benefit in relation to the associated costs. Successful proposals will demonstrate:

- 1) A clear connection between the proposals' intended outcome and the purposes and objectives of the Pacific Salmon Treaty.
- 2) A description of how and when information or data analysis generated by the project will be made available to both Parties to the Treaty.
- 3) Evidence of a bilateral commitment to achieve project goals.
- 4) The technical merits of the proposal through:
  - Understanding of the problem.
  - Soundness of the technical approach.
  - Feasibility of the methods proposed.
  - Innovation and uniqueness of the proposal.
- 5) The proponent's capabilities, experience and record of past performance, as well as the experience and qualifications of key personnel. Also, the extent to which outside partners and collaborators integral to the proposal's success are available to support the proposal.
- 6) A description of the benefits to be gained from successful completion of the project. Projects that offer long-term benefits will receive favorable consideration.
- 7) The cost effectiveness of the proposal including the balance between project costs associated with labour and site costs as opposed to administration and overhead costs, and the extent to which other sources of funds may be leveraged in support of the proposal.

## **Deadlines**

Project Concept forms must be in electronic format and must be received by e-mail at the following address [northfund@psc.org](mailto:northfund@psc.org) by **midnight (24:00) on Sunday September 2<sup>nd</sup>, 2018.**

## **Contact Information**

More information and “Project Concept” forms may be accessed online at [www.psc.org](http://www.psc.org). Questions or points of clarification should be directed to the Fund Manager, Angus Mackay or the Fund Assistant, Victor Keong via phone at (604) 684-8081, or email at [Mackay@psc.org](mailto:Mackay@psc.org) or [Keong@psc.org](mailto:Keong@psc.org)

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*Note:* In the accompanying Appendix there is information describing some of the requirements of the detailed application process for Project Concepts selected to proceed to the **second stage review**, and some of the criteria that will be used to make funding decisions. An invitation to proceed to the second stage in no way guarantees final approval.