

WSEP Community WORKSHOP '13



SEP 35TH ANNIVERSARY

May 17th 18th and 19th

AT THE

BOWEN ISLAND COMMUNITY SCHOOL
1041 MOUNT GARDNER ROAD

Bowen Island, B.C.

PLEASE JOIN HOST

BOWEN ISLAND FISH AND WILDLIFE SOCIETY
www.bowenhatchery.org

WITH SUPPORT FROM

PACIFIC STREAMKEEPERS FEDERATION

BOWEN ISLAND STREAMKEEPERS

FISHERIES AND OCEANS CANADA

NORTH SHORE STREAMKEEPERS

MORTEN CREEK SEP

SEYMOUR SALMONID SOCIETY

WEST VANCOUVER STREAMKEEPERS

NORTH SHORE WETLAND PARTNERS

NORTH VANCOUVER OUTDOOR SCHOOL

PROGRAM HIGHLIGHTS

Friday, May 17th

TBA	Shuttle Schedule Page 2
5:00 pm	Registration Opens
6:30 - 9:00 pm	- COMPLIMENTARY REFRESHMENTS - AND No-HOST BAR
7:00 - 8:00 pm	Welcome from the Community
8:30 pm	Shuttle leaves Bowen for Vcr

Saturday, May 18th

8:00 am	Registration Opens
8:00 am	- COMPLIMENTARY BREAKFAST -
8:25 am	Ferry Shuttle from Vcr arrives
8:30 am	Welcome and Instructions
9:00 - 12:00 pm	Workshop Sessions - COMPLIMENTARY LUNCH -
1:00 - 4:00 pm	Workshop Sessions
6:00 pm	No Host Bar
6:30 pm	- DINNER -
8:00 pm	Entertainment
9:30 pm	Shuttle leaves Bowen for Vcr

Sunday, May 19th

8:30 am	-COMPLIMENTARY BREAKFAST -
8:25 am	Ferry Shuttle from Vcr arrives
9:00 am	Wrap-Up with Paige Ackerman
9:30 am	Shuttles leave for Tours / Field Trips Shuttle leaves Bowen for Vcr

WORKSHOP REGISTRATION

Mail in the enclosed Registration Form
and attach cheque or money order to:

SEP Community Workshop '13

1858 Beaulynn Place
North Vancouver, B.C. V7J 2T1

\$35 Early registration (before April 20)

\$50 Late registration (after April 20)

Registration Information: ZoAnn Morten
(604) 986-5059 email: pskf@direct.ca

More Information at <http://workshop.pskf.ca>

ABOUT THE SESSIONS

Use this page to record your session choices.

Check for updates and more information on sessions at <http://workshop.pskf.ca>

EARLY MORNING SESSIONS 9:00 - 10:15

Advanced Stream Habitat Survey (OUTSIDE)

Stream survey data is used to determine the carrying capacity of your stream for salmon. Learn how to choose a reference site, conduct cross sectional surveys, measure stream discharge and assess habitat quality. (Module Two of Streamkeepers protocols)

Broodstock and Production Planning (REPEATS)

How your watershed data leads to hatchery production plans (how many fish you are releasing). You will learn techniques on adult collection and fecundity, holding, ripeness, handling and genetics.

Egg to Fry and Incubation Practices (REPEATS)

New strategies and techniques for optimum survival. Our egg collection, fertilization, disinfection, incubation and rearing affect salmon throughout their life cycle. Understand what is happening inside the egg as we handle them from first division of their cells to ponding.

Media & Public Relations 101

Get your story out through social media plus traditional newspapers, radio and TV. Get an overview of how Twitter, Facebook, YouTube, blogs and other tools work, how to tailor your message to each medium, and how to develop relationships with journalists.

Ocean Impacts on Salmon Survival

Understand the ocean environment and the influences affecting salmon survival beyond their freshwater habitat.

Pacific Aquaculture Regulations and SEP (REPEATS)

Putting policy into practice: Best Management Practices and Enhancement Guidelines - an Interactive Session.

Southern Chinook Initiative

DFO has implemented a multi-interest strategic planning initiative to protect southern BC Chinook populations. Come learn about the status of Chinook salmon populations in southern BC.

LATE MORNING SESSIONS 10:45 - 12:00

Aquatic Invertebrate Survey (OUTSIDE)

Invertebrates play an important role in the aquatic food chain and are indicators of water quality. You will identify and count stream bugs to learn how much natural food is available in-stream for your fry after release.

Beach Seine (REPEATS)

Complete a beach seine and gather ocean life to explore habitat needs of our juvenile salmon at their salt water stage. Understand the link between salmon and forage fish and their interconnected life strategies.

Broodstock and Production Planning (REPEAT)

How your watershed data leads to hatchery production plans (how many fish you are releasing). You will learn techniques on adult collection and fecundity, holding, ripeness, handling and genetics.

Education Programs that Work: Marking Drains

Storm drain marking is a great hands on activity but difficult for schools to organize - learn how your group can help while getting your message out to the community. Tips on organization, safety, and classroom presentations plus videos and handouts for students.

Egg to Fry and Incubation (REPEAT)

New strategies and techniques for optimum survival. Our egg collection, fertilization, disinfection, incubation and rearing, affect salmon throughout their life cycle. Understand what is happening inside the egg as we manage them from first division of cells to ponding.

Fund Raising Case Studies

Snapshots from successful (and not) fund raising efforts from across BC. How to share your success stories while running a fundraising campaign.

Look Before You Leap

There are so many things to consider when undertaking enhancement. Genetics play a delicate role and the ecological grocery shelves may not be as well stocked as they used to be. The Biological Risk Management Framework for Enhancing Salmon in the Pacific Region will explain how SEP promotes ecologically sustainable enhancement.

👉 Hatchery Water: Quality and Quantity (REPEATS)

Understand how your water affects fish production. Learn how to set your production target according to your water quantity and quality. Learn when recirculation systems and heaters can help.

👉 Juveniles and Rearing Practices (REPEATS)

Understand how density relates to successful hatchery production. Learn feeding strategies for optimum growth and explore release strategies (early or late, sea pens). Understand the significance of smoltification (changes in fry as they adapt to salt water).

👉 P.O.S.T. (Pacific Ocean Shelf Tracking)

You will walk through a summary of the POST project and learn how this information has led to changes in SEP strategies such as release locations and timing.

👉 Pacific Aquaculture Regulations and SEP

(REPEAT)

Putting policy into practice: Best Management Practices and Enhancement Guidelines - an Interactive Session.

👉 Riparian Area Regulations Panel

Learn about RAR standards and assessments. Implementation of RAR at the Municipal level.

👉 Sink or Swim: Navigating the Non-Profit Waters

Learn the do's and don'ts of non-profit organization. Should we become a society or a charitable organization? What's the difference anyway?

👉 Tracking Your Successes Through Monitoring

Practise the surveying techniques of Juvenile Fry Trapping and I.D. and Spawner Survey (Module 11 and 12 of the DFO Streamkeepers Program). This data is useful in your production planning and highlights the results of your hatchery program.

👉 Beach Seine (REPEAT)

Complete a beach seine and gather ocean life to explore habitat needs of our juvenile salmon as they transition to the ocean. Understand the link between salmon, herring, and forage fish and their interconnected life strategies.

👉 Education Programs that Work: Hatchery Tours

Giving a tour to salmonid in the classroom students? Quick tips to assess their knowledge; take away interactive skills/activities to keep them engaged and learning more. Build on DFO teaching resources for easy hands on activities at the stream or hatchery that you can incorporate into your education programs.

👉 Hatchery Water: Quality and Quantity (REPEAT)

Understand how your water affects fish production. Learn how to set your production target according to your water quantity and quality. Learn when recirculation systems and heaters can help.

👉 Juveniles and Rearing Practices (REPEAT)

Understand how density relates to successful hatchery production. Learn feeding strategies for optimum growth and explore release strategies (early or late, sea pens) Understand the significance of smoltification (changes in fry as they adapt to salt water).

👉 Monitoring: Tools of the Trade

What are the best tools for monitoring your stream? You will learn the benefits of, and how to use tools such as clinometers, data loggers, GPS, and even how to turn your smart-phone into a monitoring tool.

👉 Restore or Enhance? Looking for Opportunities

If monitoring your stream indicates a need for change, how do you determine your direction? Which route is best - restoration of limiting factors such as how much gravel, the number of pools for rearing, and LWD? Or enhancement such as the re-introduction of salmon, which species, when do we start, for how long, and to what level?

👉 Understanding Our Fish: Form Fits Function

Fish are uniquely adapted for the aquatic environment. How does a fish "work?"

Accommodation



A. FIND BOWEN ACCOMMODATION

<http://workshop.pskf.ca/2013/page03.html>

- B&B's and Lodges are listed by area - use this map for general locations

B. FIND NORTH VANCOUVER ACCOMMODATION

<http://bit.ly/13r7zTB>

- These motels are located on/near Capilano Road
 - Best Western Capilano Inn
 - Comfort Inn and Suites
 - Grouse Inn
 - North Vancouver Hotel
 - Travelodge Vancouver Lions Gate
 - * Horseshoe Bay Hotel (in Horseshoe Bay by Ferry)

C. FIND BOWEN TRANSIT

[/www.bowen-island-bc.com/transit/index.html](http://www.bowen-island-bc.com/transit/index.html)

D. FIND FERRY SCHEDULE

www.bcferries.com/schedules/mainland/biva-current.php

Sunday Tours

● **Interpretive Tour of Crippen Park**

Learn the secrets of conducting great tours at an informative classroom session, then observe these skills in action with Metro Vancouver park naturalists.

● **Bird Watching Walk**

Your ticket to the theatre of nature. Enjoy the beautiful trails around Killarney Lake and observe the local bird life while guided by a naturalist.

● **Tour of Habitat Projects and Hatchery**

Local volunteers will guide you through their restoration work and an innovative fish ladder built to overcome habitat challenges.

● **Bowen Island Artisans and Galleries**

Tour the intriguing shops and galleries of Bowen with a local Chamber of Commerce guide.

Session Locations

