

COMMUNITY WORKSHOP '05



"Leading the Way"

May 20th, 21st, 22nd and 23rd
North Vancouver Outdoor School and Totem Hall

Squamish, B.C.

Hosted by the Sea to Sky Streamkeepers • www.pskf.ca/workshop/2005

Friday, May 20th

4:00 pm Registration Desk Opens at Totem Hall
Complimentary Refreshments
6:00 - 10:00 Project Displays
7:00 pm Welcome from the Community

Saturday, May 21st

8:00 am Registration Desk Opens at N.V.O. School
Complimentary Breakfast
9:00 - 12:00 pm Workshop Sessions
Complimentary Lunch
1:30 - 4:30 pm Workshop Sessions
4:45 - 5:30 pm Children's Theatre Presentation in Bighouse
6:00 pm **No Host Bar at Totem Hall**
7:00 pm Address by Hon. David Anderson
Dinner and Dance

Sunday, May 22nd

8:00 am **Complimentary Breakfast**
10:00 - 12:00 pm Workshop Sessions
Complimentary Barbeque Lunch by Coho Society
1:30 - 4:30 pm Guided Tours/Leave for Bowen Island Retreat
Evening Film presentation "River World"

The Sea to Sky Streamkeepers invite all Stream Stewards to Community Workshop '05 "Leading the Way".

We have assembled some great workshops for you. The North Vancouver Outdoor School, on the banks of the Cheakamus River, is the ideal setting for this event.

Please come, learn, share, and enjoy the weekend!

Monday, May 23rd

Check-out from on-site cabins
Self Tours

Registration

Early Registration (before May 1st) \$35.00 per participant (After May 1st) \$45.00 per participant.
For further information:

Workshop Coordinator Edith Tobe (604) 898-9171 or email: tobe@shaw.ca

Project Displays

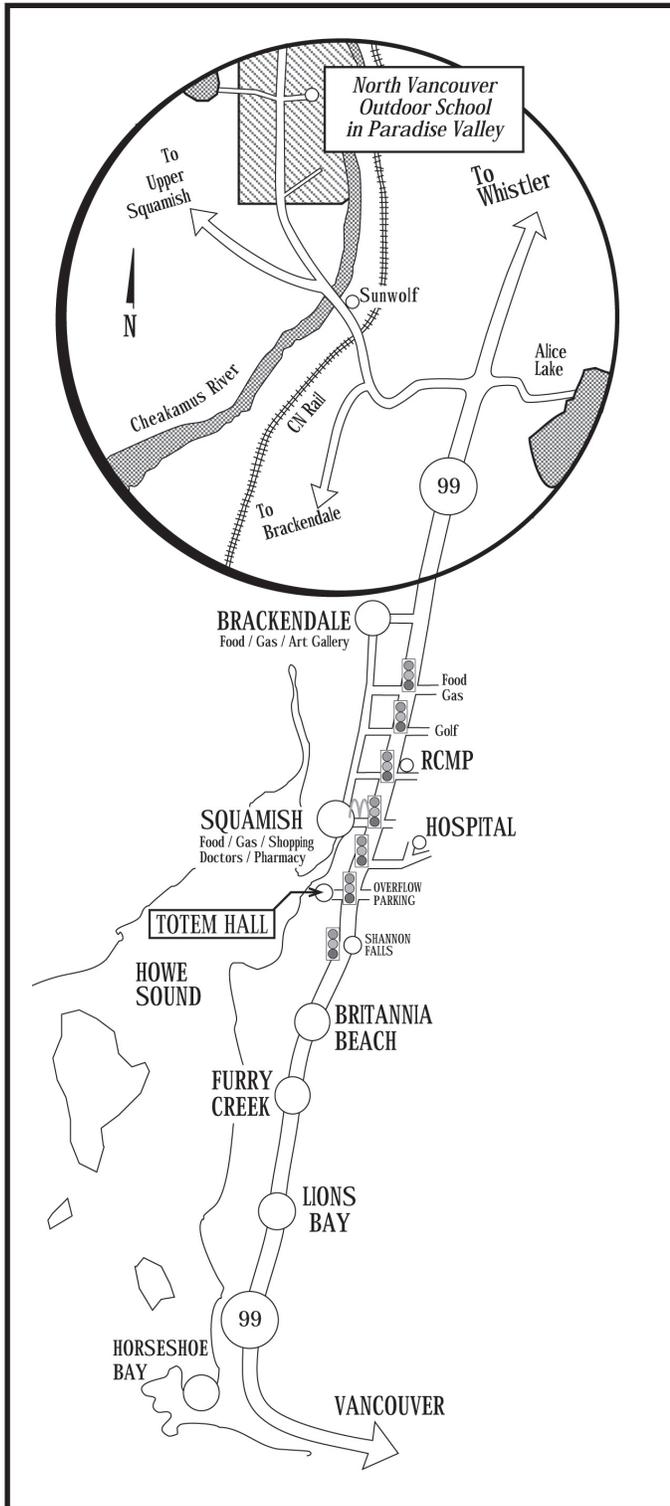
An opportunity to share your ideas/creative improvements as posters/displays.
Ensure a space - indicate your reservation on the Registration Form.

Accommodation

North Vancouver Outdoor School

On Highway 99 going north:

- TURN LEFT across from the Alice Lake turnoff onto Squamish Valley Road
- KEEP RIGHT over BC Rail tracks, cross bridge and take right fork to Paradise Valley.
- Distance from Squamish to Alice Lake turnoff - 10 km
- Distance from Alice Lake turnoff to NVOS - 6 km



On Site at NVOS

Rustic, shared cabins/dorms with washrooms. See cabins at www.pskf.ca/workshop/2005 Bring your own bedding, toiletries. No locks, no pets, no smoking. \$15 per bed/person/ per night. **Available after 5pm Friday, May 20th.** Reserve on the enclosed Registration Form.

Hotels/Motels

Self reservations. Where indicated (*) discounts are available until May 1st. Ask for Workshop 2005 rates.

Sunwolf Outdoor Centre*	1-877-806-8046
Mountain Retreat Hotels*	604-815-0883
Sea to Sky Hotel*	1-800-531-1530
Howe Sound Inn*	604-892-2603
August Jack Motor Inn	604-892-3504
Cozy Motel	604-892-9000
Ocean Port Hotel	604-892-3422

Campgrounds

Paradise Valley	1-800-922-1486
Klahanie	604-892-3435
Dryden Creek	1-800-237-9336

B & B

Paradise Valley Campground	1-800-922-1486
Bakers	1-888-623-5513
Coneybeare Lodge	604-898-9299
Nu-Salya Chalet	604-898-3039
True North	1-800-898-8816
Nomad's	1-866-508-1313
Home Sweet Home	604-898-4168
Glacier View	604-898-1630
Humming Bird	604-898-2809

Additional information at:

Squamish Chamber of Commerce 1-866-333-2010

Saturday Children Workshop

A full day of Stream to Sea activities, stewardship lessons and creative theatre. Register your children ages 6 to 11.

8:30 a.m. Sign-in at Bighouse
 9 - 12:00 pm Children's activities

Lunch with Parents

1:30 - 4:30 Children's activities
 4:45 - 5:30 Children's theatre presentation
 (all welcome)

Gadgets and Gizmos

This is your chance to share your latest inventions, gadget or gizmo with other volunteers. Every idea is welcome.

Please call to reserve a space:

Maurice Coulter-Boisvert (604) 666-2870.

Workshop Synopsis

- Acoustical Tagging and Tracking** - *David Welch*
Techniques on implanting and tracking. Current plans for monitoring Pacific Offshore Shelf Tracking Project (POST) and results of recovered data.
- Aquatic Invertebrates** - *ZoAnn Morten*
Hands-on collection techniques for invertebrate sampling, sorting and identification.
- “Backbone”** - *Peter Donaldson*
A dynamic dialogue/discussion on the sustainable nature of our personal and organizational activities.
- Beaver Management** - *Sandie MacLaurin/Barry Peters/ Mitch Drewes* Panel discussion detailing biology, protection of the animals and their habitat; challenges that beaver activity cause; structures/devices used to control dams, and overall watershed management.
- Bowie Seamount 2003 Slide Show** - *Doug Swanston*
Blue water diving, volcanic rock formations, giant barnacles and more from Queen Charlotte Islands.
- Care and Nurturing of Volunteers** - *Joe Kambeitz*
Keeping your project alive! Ideas, tips and creative solutions.
- Coal Bed Methane Effects on Streams** - *Susan Rutherford*
An industry with a growing presence in the province; discussion of its potential impacts on streams and fish and related regulatory concerns.
- Culvert Replacement** - *Steve Jenkins*
Techniques for daylighting streams and fish friendly culverts.
- Data Collection** - *Dr. Kim Hyatt*
How to participate effectively and defensively in monitoring salmon stock status and trends; linking DFO scientific needs for data with the Streamkeepers methodology.
- DFO Enforcement Policies** - *DFO Fisheries Officers*
Roles and responsibilities of the Fisheries Act, ‘River Watch’ and what the volunteer community needs to know.
- Eelgrass and Seagrass Ecology** - *Nikki Wright/ Cynthia Durance* The latest research on eelgrass mapping monitoring and techniques in Georgia Basin.
- Environmental Monitoring** - *Dave Clough*
How to assess an environmental risk/impact, then collect relevant information (photos, samples) and make reports that count.
- Farmland Protection and Habitat Conservation** - *Guy Patterson/Dave Tattam/Lisa Helmer*
Role of Agricultural Land Reserve as a tool for stewardship initiatives; innovative model to assist farmers; showcase of breakthroughs in the Pemberton Valley and the role of stewardship in the agricultural community.
- Fish Health** - *Dorothee Keiser*
Learn how to recognize problems (parasites etc). Bring photos of your problems to discuss treatment and suggestions.
- Fish Culture 101** - *Tenderfoot Hatchery Staff*
A serious session with cutting edge, up-to-date information on fish culture techniques. Please bring questions!
- Habitat Modeling** - *Barry Chillibeck*
Traditional tool to investigate flow and habitat relationships; new methods that look at the design of restored streams and rivers that include limitations and pitfalls of modeling.
- Habitat Restoration** - *Matt Foy*
Restoration activities in the Chilliwack, Squamish systems, their successes and difficulties.
- Invasive Weed Species** - *Ian Maxwell*
The social and economic implications of the changes in northern Lakelse Lake due to aquatic infestations.
- Lil’wat Nation Fisheries Program** - *Liz Jones*
An innovative approach; annual stock assessment program; development and delivery of numerous restoration projects.
- Migration of Pacific Salmon** - *Dr. Kees Groot*
Orientation studies show a number of mechanisms animals use; cues such as magnetic fields, sun, stars, and odour.
- Mobilizing for Climate Change** - *Jack Minard/Trevor Wick*
Methods to deal with summer drought; evapo-transpiration cycles and the need for water retention systems.
- Municipal Politics and Stewardship Initiatives** - *Panel*
Discussion on streamside protection, watershed management and sustainability practices.
- Ocean Ranching** - *Thor Peterson*
A wild approach to fish production that is more ecologically benign; a success in Alaska, struggling for acceptance in B.C.
- Organizing an Effective Group** - *Jeff Anderson*
Advice on getting charitable status, donations, receipts. Keep your group organized, rotated and energized - from field tested, proven successes.
- Plant Identification Made Simple** - *Sue Hemphill*
Learning how to identify plants and their various parts. Learn the amazing ways plants protect themselves and interact between other plants and animals.
- Proactive Development Approaches** - *Panel*
Discussion on development procedures that minimally impact on the environment and are socially responsible.
- Project Rivershed** - *Fin Donnelly*
How to take grassroot volunteers into a successful organization; latest stewardship sustainability initiatives in the Fraser River basin.

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Workshop Synopsis cont'd.

Riparian Assessment Regulations - Panel

Short presentations include background, delivery and benefits as well as comments on RAR weaknesses.

Role of Communities in Adaptive Management -

Jason Quigley How community groups can collect information that help stewardship and habitat management practices.

Role of Stewardship - Pamela Zevit

A case study that explores what worked, what hasn't and why.

Salmon Egg to Fry Development - John Jensen

Description of embryo development beginning with spawning and ending with fry emergence or ponding time.

Salmon Carcass Placement/Nutrient Benefits -

Carol Cross/Erland McIssac/Ken Ashley

DFO guidelines that increase the overall benefit of carcass placement. How organic matter maintains the productivity of salmon spawning streams and lakes. Protocols for the addition of nutrients to stream ecosystems.

Sampling Procedures - Brenda Donas

How to take sterile organ samples, process, package and send to the lab. Includes summary of results from Upper Skeena Baseline Fish Health Monitoring Program.

Saving the World: Re-establishing Salmon Populations in Urban Streams - Tom Rutherford

Working in watersheds that are home to lots of people leads directly to a greater awareness of our place in the ecosystem and how our actions affect the world around us.

Small Production Broodstock Collection/Spawning Practices at Hatcheries - Brian Riddell/Carol Cross

Guidelines for managing the special challenge of spawning protocol in your small project. An overview of DFO guidelines that minimize the potential for loss of genetic variation.

Spawning of Pacific Salmon - Dr. Kees Groot

Movies and diagrams of spawning in relationship to habitat including interactions between males and females during courtship.

Squamish Nation Watershed Plans - Randall Lewis

Development, implementation and implications for the watershed. Discussion of their restoration and fish enumeration activities.

Spray Incubation - Brian Ashton/Tod Jones

Innovative technology that provides best possible egg survival; strategies and techniques; equipment demonstration.

Steelhead Recovery Planning - Greg Wilson

Overview on steelhead, significance and difference from Rainbow trout; discussion on existing projects in Squamish Watershed, plus their implications for the Georgia Basin Recovery Plan.

Stock Assessment - Tracy Cone

An overview of DFO partnerships in stock assessment data collection, available tools and support. Data was collected from a number of sources and the implications of the findings will be discussed.

Stream of Dreams - Joan Carne/Louise Towell

How can environmental educators, particularly stream stewards, get invited into schools PAC meetings and even corporate boardrooms? How to combine watershed science, stories, painting and public displays.

Telling Your Community Water Story - Bob Turner

Explore community water issues and engage in the question "Where does your water come from and where does your wastewater go?"

Toxic Smart - Christianne Wilhelmson

History, successes and current programs of Georgia Straight Alliance with focus on programs that use and could use more volunteers: ToxicSmart, Straitkeepers, and Best Practices.

Traditional Uses of Plants - Sarah Orłowski

Importance of maintaining indigenous plants in our communities. Healing properties and methods of growing and harvesting herbal medicine. Classroom and field trip.

Watershed Planning - Jim VanTine

From the success of the Campbell R., how it was done, how to do it; beyond the politically correct concepts.

Web Site Design - Pat Morten

A holistic approach from concept to upload with an emphasis on colour/contrast and optimizing images using sensible layout

Whistler Black Bear Project - Michael Allen

Seasonal behaviour, biology and population ecology. Includes artifacts and interpretation.

Sunday Afternoon Tours/Evening Movie

Bowen Island Retreat

Bowen has great hiking, sea kayaking, beachcombing, and picnicking. Numerous fine B&Bs, restaurants and artisan shops located near Snug Cove Ferry terminal. Enjoy a relaxing retreat following the Workshop! Note interest on Registration Form.

North Vancouver Outdoor School Walking Tour

Walk the interpretive trails, learn the geological history of the area and salmon restoration sites.

Tenderfoot Hatchery

Site tour with staff; an overview of operations.

Upper Squamish Valley - Shovelnose Creek - Greg Wilson

Opportunity to explore some steelhead and salmon restoration sites.

Evening Film: "River World" - Mark Angelo

Come take a visually stunning journey to the world's wildest and most remote rivers.