

Washington State Lake Protection Association

16th Annual Conference on Lakes, Reservoirs and Watersheds

Lakeside Living in 2003

April 2 - 4, 2003

**Campbell's Resort
Chelan, Washington**



About Campbell's Resort

Campbell's Resort is located on the shores of one of the largest and most pristine natural freshwater lakes in the nation: Lake Chelan, Washington. Situated in the middle of the state, where the east slopes of the Cascade Mountains meet the semi-arid Columbia Plateau, Lake Chelan is an easy drive from anywhere in the state. It's just three-and-a-half- hours from Seattle and only three hours from Spokane.

The resort's convenient location in downtown Chelan is close enough to walk to shopping, parks and the town's commercial district, all less than one block from the beach. Next to the resort is a lakeside walking and jogging trail; a public park; and quaint shops, boutiques, galleries and gift shops. For adults, there is gaming at Mill Bay Casino, seven miles from Campbell's, offering casino games, over 400 slot machines, blackjack, roulette, mini-baccarat and craps. For the more adventuresome, skiing is available at Mission Ridge near Wenatchee; try a 50-mile boat tour on the "Lady of the Lake" to the historic town of Stehekin at the north end of the lake; bike riding; snowmobiling; cross-country skiing; and world class fishing for salmon, mackinaw, and trout. Equipment for most activities can be rented at Uncle Tim's Toys in Chelan.

Campbell's Resort is located at 104 W. Woodin, Chelan. The 170-room resort features rooms with private patios or lanais. The eight-acre resort features 1,200 feet of beach, two outdoor pools, two hot tubs, and boat moorage.

Driving Directions to Chelan

To get to the hotel from I-90 eastbound take exit #84 at Cle Elum over Blewett Pass to Wenatchee and Hwy 97 Alternate north to Chelan. From Spokane west on Hwy 2 to Wenatchee then north on Hwy 97 Alternate to Chelan or I-90 west to Exit 151 near George then north to Wenatchee and Hwy 97 Alternate to Chelan.

Hotel Room Reservations

A special rate offered for the WALPA conference is \$64 for traditional and \$78 for deluxe. **Call 1-800-553-8225 to make reservations. Reservations must be made by March 2, 2003, to get special rates. The hotel suggests to register early because other conferences are scheduled at the resort at the same time**

Hydrolab Maintenance and Calibration Workshop on April 2

Here's an opportunity for you and/or your field technicians to receive training on Hydrolab Multiprobe maintenance and calibration. T.J. Sisson from Electronic Data Solutions (EDS) will conduct the workshop from 9:00 a.m. to 4:00 p.m. in Ballroom 1. **Please bring your own Hydrolab equipment.** EDS will provide maintenance and calibration supplies as well as free lunch during an all-products presentation. **Attendance is limited to 20.**

To register for the Hydrolab Maintenance and Calibration workshop please go on-line: www.elecdata.com or call 1-208-324-8006. **Registration for this workshop is separate from the WALPA conference registration.**

Enter the Photo Contest

WALPA is holding a lake photo contest. Submit your favorite lake photo(s) for judging by the conference attendees. If you submit computer prints, please also provide WALPA with an electronic file for each photo. Fabulous prizes will be awarded to the photos with the most votes. The decision of the judges will be final. The deadline for photo submittal is March 28, 2003 by mail or in person by 10 a.m., April 3, 2003 at the conference.

Contest rules

- Any photo subject is allowed as long as it relates to lakes.
- Only unframed photographic prints or computer prints.
- Sizes 8" by 10" or smaller will be accepted.
- Limit of five entries per person.
- All photos will be returned, but by submitting your photo to this contest, you are giving WALPA permission to reprint your photo in publications, presentations, or the WALPA web site. You will receive photo credit with each use.

Mail to:

Gene Williams, Snohomish County Surface Water Management, 2731 Wetmore Avenue, #300, Everett, WA 98201

Seeking Poster Entries

Lakes groups, government agencies, consulting companies, colleges/universities are invited to share their research or funding proposals in a poster format at the conference. To enter, contact Jim Gawel, jimgawel@u.washington.edu or 253-692-5815 by March 28, 2003.

Wednesday, April 2, 2003

9 a.m. to 5:00 p.m.

Hydrolab maintenance and calibration workshop, T.J. Sisson, Electronic Data Solutions, Jerome, Idaho.

6 p.m.

Vendors and Exhibitors Set up

Thursday, April 3 and Friday April 4, 2003

7:30 a.m. to 6:00 p.m. Registration

Coordinator Kathleen Emmett

7:30 a.m. to 6:00 p.m. Exhibits

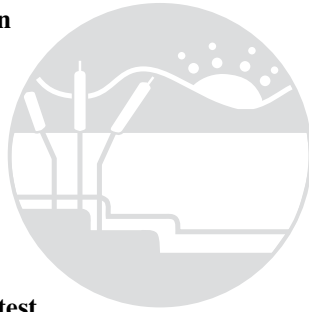
Coordinator Dave Lamb

7:30 a.m. to 6:00 p.m. Posters

Coordinator Jim Gawel

7:30 a.m. to 6:00 p.m. Photo Contest

Coordinators Gene Williams, Maggie Bell-McKinnon



Thursday, April 3 – Preliminary Program

7:30 a.m. to 5:00 p.m. Registration desk open

8:15 a.m. Welcome, President Rob Zisette

8:30 – 10:00 a.m. Plenary Session I

Lake Chelan Hydroelectric Project Relicensure Studies

Chair: Jeff Osborn, Relicensing/ESA Specialist, Chelan Co. PUD

1. Water Quality Studies & Dam Relicensure, Jeff Osborn, Natural Resources Lead, Chelan PUD
2. Forest Service Issues and Dam Relicensure, Phil Archibald, U.S. Forest Service
3. Erosion Control on Lake Chelan, Gene Yow, Chelan PUD

10 – 10:30 a.m. Break - Visit vendors, exhibitors and displays

10:30 – Noon Session I-A

International Lake / Stream Studies

Chair: Steve Butkus, Washington Department of Ecology

1. Limits on Pesticides Use for Protection of Human Health around Inle Lake, Myanmar Steve Butkus, Living Earth Institute, Olympia and Myint Su, Save the Children, Yangon, Myanmar
2. Eutrophication of New Zealand Streams and Recommended Limits for Nutrients, Gene B. Welch, University of Washington
3. Protecting the Lakes of Chile, Allen Moore, Washington Department of Ecology

10:30 a.m. – Noon Session I-B

Fisheries and Lake Quality

Chair: Kathleen Emmett, Washington Department of Ecology

1. Fisheries Research in Washington, Jim Uehara, Washington State Department of Fish and Wildlife
2. Changes in Phytoplankton Biovolume and Large-Bodied Cladoceran Densities in the Absence of Fish: An Enclosure Experiment in Liberty Lake, Lisa Audin, graduate student, WSU, Pullman
3. Oxygen Dynamics of Lakes, Frieda D. Taub, Professor Emeritus, School of Aquatic and Fisheries Sciences, University of Washington

Noon – 1:30 p.m. Lunch - Keynote Speaker Jack A. Stanford, Jessie M. Bierman Professor of Ecology, University of Montana, Flathead Lake Biological Station. Long Term Ecosystem Science at Flathead Lake, Montana: The Key to Conservation of Water Quality,

1:30 - 3:00 p.m. Session 2

Aquatic Nuisance Weed Control in Washington

Chair: Kathy Hamel, Washington Department of Ecology

1. New Tools for Eurasian Milfoil and Aquatic Weed Management, Terry McNabb, AquaTechnex, Centralia
2. Integrated Project for Milfoil Control at Liberty Lake, Barry Moore, WSU
3. Weevils and Milfoil Control in Washington, Jenifer Parsons, Aquatic Weed Specialist, Ecology

1:30 - 3:00 p.m. Session 2-B

Watershed Restoration Activities and Protection Alternatives

Chair: Dave Lamb, Wetland Habitat Biologist, Coeur d'Alene Tribe

1. Integrated Stream Habitat Restoration Planning and Implementation on the Coeur d'Alene Reservation, Angelo Vitale, Fisheries Program, Coeur d'Alene Tribe
2. Geomorphology of Streams and Effects on Lakes, Barry Southerland, Fluvial Geomorphologist, National Resource Conservation Service, Wash. State Univ.
3. Nearshore Effects of Shoreline Protection on Aquatic Habitat, Winnebago Pool Lakes, Wisconsin, Anthony Gabriel, Associate Professor, Central Washington University & Leo Bodensteiner, Western Wash. Univ.

3:00 – 3:30 p.m. Break

3:30 - 5:00 p.m. Session 3-A

Algae and Aquatic Plants in Lakes

Chair: Jean Jacoby, Seattle University

1. Why Blue-Greens? The Value of Being Able to Move and Taste Bad, Jean Jacoby, Professor and Chair, Dept. Civil and Environmental Engineering, Seattle University
2. Response of an Aquatic Macrophyte Community of Fluctuating Water levels in an Oligotrophic Lake, Mike Falter, Ph.D., and Tyler Wagner, University of Idaho
3. Implementation Features of the Priest Lake Idaho Management Plan, Glen Rothrock, Idaho Dept. of Environmental Quality

3:30 - 5:00 p.m. Session 3-B

Fish Contamination Studies

Chair: Rob Zisette, Herrera Environmental Consultants

1. Lake Whatcom Fish Advisory, Dave McBride, Washington Dept. of Health
2. Exposure to Contaminants in Lake-caught Fish: Review of Local Data, Glen Patrick, Wash. Dept. of Health
3. Screening Survey of Mercury Levels in Edible Fish Tissue from Selected Lakes and Rivers in Washington, Dale Norton, Washington Department of Ecology

5:00 – 7:00 p.m. Hospitality Social

Friday April 4– Preliminary Program

7:30 a.m. – 5:00 p.m. Registration Desk Open

Visit Vendors, Exhibitors and Displays

8:30 – 10:00 a.m. Plenary Session 2

Impacts to Lake Chelan Water Quality and Fisheries

Chair: Jonathan Frodge, King County Dept. of Natural Resources

1. The Impact of Lake Draw-down on Fish Passage Barriers and Spawning Timing in Tributaries to Lake Chelan, Chris Fairbanks, Framatome, ANP DE&S, Bellingham
2. Hydrocarbons and Jet Skis and Impacts on Lake Chelan, Phil Long, Ph.D., Pacific Northwest National Lab, Richland
3. Phosphorus TMDL and Lake Chelan, Clay Patmont, Anchor Environmental, Seattle

10:00 - 10:30 a.m. Break

10:30 a.m. – Noon Session 4-A

A Development of TMDLs in Washington

Chair: Nancy Weller, Washington Dept. of Ecology

1. Developing TMDL Standards for Lakes Discharging to Lake Chelan including Rose Lake, Dry Lake and Wapato Lake, Paul Cross, Executive Director, Lake Chelan Reclamation District, Manson
2. TMDL Development in Washington Lakes, Tony Whiley, Washington Dept. of Ecology
3. Moses Lake TMDL for Phosphorus, Marcie Mangold, TMDL Specialist, Ecology

10:30 a.m. - Noon Session 4-B

Landscaping and Lake Community Activities

Chair: Lee Mellish, Manager, Liberty Lake Sewer and Water District, Liberty Lake

1. Landscaping and Lake Communities, Tonie Fitzgerald, County Extension Agent, WSU-Spokane County Extension Office & Deb Baldwin, Environmental Horticulture Department, WSU
2. Activities and Successes of a Lake Protection Manager, BiJay Adams, Lake Protection Manager, Liberty Lake

Noon - 1:30 p.m. Lunch Business Meeting

Photographic History of Lake Chelan, Mike Barnhart, Barnhart Photography, East Wenatchee

1:30 - 3:00 p.m. Session 5-A

Current Happenings Around Washington Lakes

Chair: Allen Moore, Washington Dept. of Ecology

1. West Nile Virus in Washington, Tom Gibbs, Washington Department of Health
2. Changes in the Hydrometeorological Regime in the Pacific Northwest, and their Linkages to Climate Regimes, John Vaccaro, Hydrologist, USGS
3. Conservation Easements and Lake Protection, Gordon Congdon, Executive Director, Chelan, Douglas Land Trust

1:30 - 3:00 p.m. Session 5-B

Watershed Protection Activities

Chair: Peter Scott

1. Legal Issues regarding Watershed Development, Peter Scott, Attorney, Preston, Gates and Ellis.
2. Sun Lakes State Park Resort Redevelopment--Lake-Friendly Design, Bob Martin, Hydrogeologist, CH2M-Hill Engineering, Spokane and Bennett Burns, Walker Macy

3:00 - 3:15 p.m. Break

3:15 - 4:30 p.m. Session 6-A

Lake Research Activities in Washington

Chair: Mike Brett, Associate Professor, Dept. Civil and Environmental Engineering, University of Washington.

1. Lake Sammamish Modeling Project, Mike Brett, UW, and UW graduate students

3:15 - 4:30 p.m. Session 6-B

Lake Food Web Research

Chair: Dave Beauchamp, Assistant Unit Leader, Fisheries, Washington Cooperative Fish & Wildlife Unit, University of Washington School of Aquatic and Fisheries Section.

1. Modeling Bioaccumulation of Mercury & PCBs in Lake Washington Food Web, Jen McIntyre, graduate student, UW, Fish and Wildlife Research Unit
2. Limnological Fisheries Link, Dave Beauchamp, UW
3. Limnological Effects on Distribution and Trophic Interactions of Fishes in Lake Sammamish, Hans Berge, UW graduate student

Saturday, April 5

9:00 a.m. – Noon

Lake Chelan Cruise- Lake and Watershed Activities in Progress

Limited to the first 24 registered conference attendees.

WASHINGTON STATE LAKE PROTECTION ASSOCIATION
P. O. BOX 4245
SEATTLE, WA 98104

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Register today for the April 2003 WALPA conference
Complete this registration form, enclose a check and mail it today!

Name _____ Lake affiliation _____

Please print

Address _____ City _____ State _____ ZIP _____

Phone (day) _____ Phone (eve) _____

Fax _____ E-mail _____

Registering for: Full conference: _____ Thursday: _____ Friday: _____
Saturday Boat Tour is limited to 24 registered conference attendees. _____ Yes _____ No

Full conference:		Registration fee enclosed
\$120 by March 18	\$120	_____
\$140 after March 18	\$140	_____

One day (Thur. or Fri.):		
\$60 by March 18	\$ 60	_____
\$70 after March 18	\$ 70	_____

Student rates:		
\$60 full conference	\$ 60	_____
\$30 one day (Thur. or Fri.)	\$ 30	_____

**Complete the registration form, enclose it with your
check payable to WALPA and mail to:**

**WALPA
PO Box 4245
Seattle, WA 98104**

For an additional form, go to www.nalms.org/walpa/
Questions? Call Lee Mellish, 509-922-9016 or call Rob, 1-800-607-5498.