

NALMS



NORTH AMERICAN LAKE MANAGEMENT SOCIETY
P.O. Box 5443 • Madison, WI • 53705-0443
608-233-2836 • fax: 608-233-3186
www.nalms.org

31ST INTERNATIONAL SYMPOSIUM OF THE NORTH AMERICAN LAKE MANAGEMENT SOCIETY

Call For Papers

Diverse and Sustainable Lake Management



October 26 - 28, 2011

Pre-conference workshops Oct. 25

Post-conference tour Oct. 29

Spokane Convention Center
Spokane, Washington

Hosted by the Washington
State Lake Protection Association
(WALPA)
An Affiliate of NALMS

Diverse and Sustainable Lake Management

As lake management issues continue to affect a wide range of stakeholders, it is increasingly important to gather key figures within those communities to openly discuss and understand how the interests of others may be affected by their own interests. Scientific and environmental minds will offer a variety of relevant topical subject matter to be covered in breakout educational sessions, and networking opportunities will allow for collaboration with lake property association members and other interested parties. While information is now available to us from many sources, the spirit of the Symposium allows for important interactions to occur between those from scientific, environmental, recreational, residential, governmental, and other communities to discuss issues important and relevant to all concerned with water management issues. The Spokane Convention Center, situated on the banks of the Spokane River, offers the perfect venue for these interactions and educational opportunities to occur.

Spokane is a recreational center, with 76 lakes within one hour of the city. Furthermore, the lifeblood of Spokane is the gorgeous Spokane River, which flows through Spokane Valley, and eventually through downtown Spokane, creating a unique environment where a lively, urban setting meets the tranquility and beauty of the river in the 100-acre Riverfront Park. The Spokane River Falls have been a gathering place for Native Americans for centuries, and today this area is at the core of a renaissance in downtown Spokane. The tag line for Spokane is: "Spokane...Near Nature. Near Perfect.". It is appropriate that The Lilac City is the backdrop for the NALMS 31st annual Symposium, marrying the similar missions of WALPA and NALMS, with a city which is truly in tune with its natural surroundings. WALPA has held successful Washington State annual conferences in Spokane several times in the past, most recently in 2009. Spokane has a proven track

record with hosting conferences and conventions, on a state, regional, and national scale. Spokane is a family friendly city, with a myriad of exciting activities for young and old alike. In the downtown core, there are dozens and dozens of local restaurants, bistros, pubs, martini and wine bars, book stores, wineries, and retail shopping. River Park Square is an urban shopping mall and is within walking distance of the Spokane Convention Center and Spokane's convention "campus". Attendees can get up close and personal with the Spokane River, whether by trekking to the base of the Spokane River Falls, or viewing them from above in the Spokane Falls Gondola Sky Ride. In Spokane, a person can experience the vitality of a lively downtown area, and literally walk across Spokane Falls Boulevard to Riverfront Park, and lose themselves in the tranquility of the Spokane River along the many walking paths in the park. Spokane is pedestrian friendly, and after arriving in Spokane, attendees would have access to all of these things mentioned above without having to get into a vehicle until they are ready to depart the city. Spokane International Airport is under 10 minutes from downtown and is served by 9 major airlines with 140 arriving and departing flights per day. There are direct non-stop flights from Minneapolis, Denver, Salt Lake City, Phoenix, Los Angeles, Oakland, Portland, Boise, and Seattle.



Spokane Waterfront by Spokane Regional CVB/Alan Bisson

General Presentation Information

PowerPoint created files will be required for all oral presentations. Laptop computers and LCD projectors will be provided. Overhead and slide projectors will not be available.

The use of embedded video and audio files is discouraged. Oral presentations will be allotted 30 minutes, including time for questions.

The Program Committee will give preference to requests for oral presentations that describe completed or well-advanced studies which present actual lab or field data. Presentations which describe future projects or which do not contain actual data are discouraged.

NALMS does not endorse specific products or services. Therefore, papers presented by individuals representing

corporations or projects conducted by corporations should avoid the use of trade or brand names and refer to the products or services by a generic descriptor.

The 2011 symposium will feature enhanced visibility for poster sessions and abstract submissions are encouraged. All posters will be displayed throughout the entire symposium and will be featured in the exhibit hall area. Posters may be up to 4'x8' (Landscape format).

Students presenting oral papers or posters as primary authors will be considered for monetary awards.

Presenters of accepted abstracts must register for the symposium. The NALMS Office must receive registration and payment **no later than August 26, 2011** in order to be included in the symposium program.

Sample Abstract

An integrated modeling program to manage water resources in the Lake Washington watershed

Frodge, J.D., C. DeGasperi & J. Burkey. King County Dept. of Natural Resources and Parks Science and Technical Support Unit, 201 S. Jackson St., Seattle, WA 98104, ph. 206-296-8018, fax 206-296-0192, jonathan.frodge@metrokc.gov.

The Sammamish-Washington Analysis and Modeling Program (SWAMP) is a five-year program to develop an integrated water resource monitoring, data handling and storage system, and modeling program to develop a science-based approach to the management of the waters of the Lake Washington watershed. The integrated modeling framework will be used to estimate future water quality and biological conditions, for habitat conservation planning and salmon recovery and to explore resource management options. This program is currently being used to assess and revise ongoing monitoring programs and to support meeting current and possible future water resource needs. The current monitoring program has been expanded to collect a higher temporal and geographic data density of physical and biological data used in model development, as well as ultra-low level metals and organic data, including potential endocrine disrupting compounds. Lakes Sammamish, Washington, and Union are being modeled with the CH3D hydrodynamic and CE-QUALICM water quality models. Trophic interactions in the lakes are addressed using a nutrient-phytoplankton-depth model and a visual foraging-bioenergetics model for fish predation. The Sammamish River is modeled using CE-QUAL-W2. Tributary boundary conditions are being developed using the HSPF watershed model coupled with current and future landuse data generated using UW-UrbanSIM. Ecological risk models are being developed for habitat and biological assessments particularly focused on threatened and endangered species. Model runs, outputs, pedigrees, data sources and databases are being computationally integrated using Framework for Risk Analysis in Multimedia Environmental Systems (FRAMES version 2.0) software.

www.nalms.org

Visit our web site for more details and for the most up-to-date information on NALMS 2011. You may also visit the Symposium's microwebsite for more information: <http://www.visitspokane.com/NALMS2011>

Contact Information

Symposium Chair

BiJay Adams
509-922-5443 ext. 230
bjay@libertylake.org

General Conference, Exhibitor & Sponsorship Information

NALMS Office
608-233-2836
www.nalms.org

Program Chair

Rob Zisette
206-787-8262
rzisette@herrerainc.com

Sponsorship/Exhibitor Chair

Shannon Brattebo
509-232-4312
shannon.brattebo@tetrattech.com

Important Deadlines

May 13, 2011

Abstracts due.

August 26, 2011

Registration and payment from presenters of accepted abstracts due.

September 22, 2011

Last day conference hotel rate available.

General Abstract Information

Abstracts are due by May 13, 2011 and must contain the following information in the format specified below.

Only submissions via the NALMS web site will be accepted. Due to the large number of abstracts anticipated for this conference, abstracts received after May 13 may not be considered.

Submittal: Submit abstract via NALMS' online abstract submission system by visiting www.nalms.org.

Title: Should accurately summarize the subject of the proposed presentation.

Authors: Provide names and affiliations of all authors including address, phone and fax numbers & email address.

Text: Abstract should state the purpose, significant results and main conclusions of work. Abstracts must not exceed 250 words. Abstracts in excess of 250 words may be truncated. Abstracts selected for either oral or poster presentations will be published in the Final Program.

Format: Indicate the type of presentation you prefer (Oral, Poster or Both).

Students: If primary author is a student, please indicate so when entering author information.

Preliminary Session Topics

We invite presentations that deal with all aspects of the science and management of lakes and reservoirs, and their watersheds. Of particular interest will be papers that relate to the conference theme and the following proposed topics:

- Aquatic invasive species prevention, detection, and control
- Macrophyte ecology and management
- Toxic cyanobacteria: ecology, impacts and management
- Metals/toxins in lakes
- Innovative watershed strategies for nutrient control
- Stormwater treatment and management
- Wetlands treatment
- P-based fertilizer and detergent bans
- Water governance
- Lake stewardship
- Lakeshore assessment and management
- Data management and technologies
- Lake TMDLs and nutrient criteria
- Paleolimnology
- Climate change
- Lake management case studies
- Forest practices and lakes/streams
- Aeration/oxygenation
- Alum treatment
- State/local lake and watershed management
- Reservoir limnology and management
- Volunteer lake monitoring programs
- Lake outreach and educational programs
- Fisheries management
- Tropical and subtropical lakes and watersheds
- Agricultural practices and lake water quality
- Lake recreational use conflicts and opportunities
- Lake and reservoir modeling
- Socioeconomic solutions to improve lake quality
- Dam Removal Studies
- Region-specific Topics
- Stream restoration
- Salmonid recovery efforts in the Northwest

If you don't see a session in your area of interest, please contact our Program Chair to organize a session! Abstracts are due by May 13, 2011.

Hotel Information

The Spokane Doubletree Hotel – City Center and the Red Lion Hotel at the Park will provide accommodations for the Symposium. Both hotels were selected by NALMS for their hospitality and convenient location to the conference center (the Doubletree Hotel is attached to the convention center and is the anchor hotel for the conference), as well as their great room rates. Each hotel is steps away from the Spokane River, Riverfront Park, the Centennial Trail, and Spokane Falls.

Doubletree Hotel Spokane – City Center

322 North Spokane Falls Court Spokane, WA, 99201

Tel: 509-455-9600; 1-800-222-TREE (8733).

Fax: 509-455-6285

Web: http://doubletree1.hilton.com/en_US/dt/hotel/SPCC-DT-Doubletree-Hotel-Spokane-City-Center-Washington/index.do

Mention “North American Lake Management Society” when making your reservation to receive the conference rate

Conference room rates are based on the 2011 Government rate - currently: \$86 single, \$96 double plus taxes. Premium room rates are \$30 more.

\$8 parking/night

The conference rate is available until Sept. 22, 2011.

Red Lion Hotel at the Park – Spokane

303 West North River Drive, Spokane, WA 99201

Tel: 509-326-8000 **Fax:** 509-325-7329

Web: <http://www.spokaneredlionpark.com>

A courtesy block will be available at the Red Lion. Rates TBA

Both hotels offer complimentary airport shuttle service



Liberty Lake by BiJay Adams