



# PISCATORIAL PRESS

OREGON CHAPTER OF THE AMERICAN FISHERIES SOCIETY

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Spring Newsletter

Available March 31

Deadline for submitting information: March 21, 2008. Please submit your information to Neil Ward at [neil.ward@cbfwa.org](mailto:neil.ward@cbfwa.org)

## PRESIDENT'S CORNER

### HUMAN POPULATION GROWTH AND FISHERIES: THE WESTERN CHALLENGE

#### COME ONE COME ALL TO THE 2008 OREGON AFS ANNUAL MEETING AS WE HOST THE 2008 WDAFS IN PORTLAND, MAY 4-9!

What an honor for the Oregon Chapter to host the 2008 Western Division American Fisheries (WDAFS) Annual Meeting! Now is the time to convince the boss, submit your travel papers, make those hotel reservations, finish up that abstract, and electronically register for the technical paper and poster sessions, workshops, business meetings, and all the fun social events. Meet folks from throughout Oregon and the western US, catch some talks by folks from other states who face many unique as well as similar fisheries challenges, and represent the Oregon Chapter as we host what may be one of the biggest WDAFS Annual Meetings ever! The meeting theme resonates throughout the western US: rapid human population growth, crushing demand for natural resources, rapid habitat modification/loss, climate change, non-native species – all these issues and more theme-pertinent will be discussed and debated at the 2008 WDAFS Annual Meeting.

Several key messages to Oregon Chapter members regarding the Western Division/Oregon Chapter AFS joint annual meeting:

- This will be the *ONLY* Oregon Chapter AFS annual meeting in 2008;
- The Oregon Chapter has developed a WDAFS Annual Meeting website (<http://www.orafs.org/meeting2008/Annual2008.htm>), where you can find everything you need to know about the May 4-9 meeting. PLEASE – visit the website ASAP, and learn about all the great annual meeting offerings as well as procedures for

electronic meeting registration. We *will not* have a full time administrative assistant to answer your questions, so we ask all to visit the annual meeting website *before* you contact the annual meeting coordinators or Oregon Chapter ExCom;

- We will be hosting an exclusive Oregon Chapter Business Meeting/Breakfast on May 7 as part of the WDAFS Annual Meeting;
- Annual meeting registration cost for AFS members will be \$265 (early registration ends April 1). Sticker shock to your annual travel and training budget? Here's the deal: costs to host a high quality meeting, in a high quality facility, have greatly increased. Using our successful Oregon Chapter AFS model of having a good meeting location, good beverages, good food, and lots of refreshments at breaks requires this registration fee. There's not much profit margin, at \$265 per person, built into a 500 person meeting, but we will see some profit if we approach 1,000 people;

- By the way, we split any annual meeting profits with Western Division 50:50;
- Due to the expected attendance, reserve your lodging accommodations early;
- If your employer balks at the 2008 registration costs, please contact one of the Oregon Chapter ExCom members, and we'll do everything we can to plead for your attendance!

This wouldn't be a traditional President's Corner article without a plea for membership volunteerism. We have numerous committees that are actively planning for the WDAFS Annual Meeting. We need your help! Please visit the WDAFS An-

#### FINAL CALL FOR PAPERS



HUMAN POPULATION GROWTH AND FISHERIES: THE WESTERN CHALLENGE

American Fisheries Society  
Western Division Annual Meeting

Portland, Oregon  
May 4 – 9, 2008

#### FINAL CALL FOR PAPERS

annual Meeting website's *Volunteers Needed!* tab (<http://www.orafs.org/meeting2008/Annual2008.htm>, click on *Volunteers Needed*). You'll find a list of volunteer positions that are begging for your help, with contact information so you can talk to an actual person about getting involved!

Submitted by:  
Doug Young, President

\*\*\*Online Registration is Now Available at [www.orafs.org](http://www.orafs.org)\*\*\*

**2007-2008 Oregon Chapter AFS Executive Committee Officers**

**President**

Doug Young  
503-231-6914, doug\_young@fws.gov

**President-Elect**

Neil Ward  
503-229-0191, neil.ward@cbfwa.org

**Past President**

Mike Reed  
503-823-3399, michaelr@bes.ci.portland.or.us

**Vice President**

Ian Reid  
541-261-2722, fisheater67@hotmail.com

**Secretary-Treasurer**

Julie Firman  
541-757-4263 (Ext. 249), julie.firman@oregonstate.edu

**External Director**

Brad Houslet  
541-553-2039, bhouslet@wstribes.org

**Internal Director**

Martyne Reesman  
971-673-6083, martyne.j.reesman@state.or.us

**Student Representative**

Jason Grant  
ifishgrant@yahoo.com

**Oregon Chapter of the American Fisheries Society Mission**

Improve the conservation and sustainability of Oregon fishery resources and their aquatic ecosystems for long-term public benefit by advancing science, education, and public discourse concerning fisheries and aquatic science and by promoting the development of fisheries professionals.

**2007-2008 Oregon Chapter AFS External Committee Chairs**

**Education and Outreach**

Martyne Reesman  
971-673-6083, martyne.j.reesman@state.or.us

**Fish Culture**

Susan Gutenberger  
509-538-2400, Susan\_Gutenberger@fws.gov

**Freshwater Habitat**

Jim Grimes  
503-378-3805 (Ext 233), jim.grimes@dsl.state.or.us

**Legislative Committee**

Hiram Li  
541-737-1963, hiram.li@oregonstate.edu

**Marine Habitat and Ecology**

Scott Heppell  
541-737-1086, scott.heppell@oregonstate.edu

**Natural Production**

Lance Kruzic  
541-957-3381, Lance.Kruzic@noaa

**PISCATORIAL PRESS**

**Oregon Chapter of the American Fisheries Society · [www.orafs.org](http://www.orafs.org)**

**CHANGE OF ADDRESS:**

**Please submit a copy of your old and new addresses to:**

American Fisheries Society, Membership Assistance  
5410 Grosvenor Lane, Suite 110  
Bethesda, MD 20814-2199  
301-897-8616, foster@fisheries.org, www.fisheries.org

**AND**

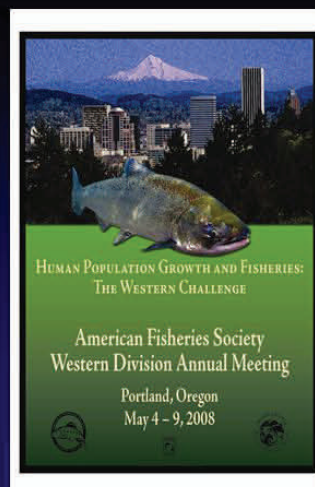
Oregon Chapter of the American Fisheries Society  
P.O. Box 8062  
Portland, OR 97207-8062  
503-229-0191, neil.ward@cbfwa.org

**MEMBERSHIP APPLICATIONS:**

Contact the national office or the Oregon Chapter, or visit [www.fisheries.org](http://www.fisheries.org). Be sure to tell the national office that you want to be an Oregon Chapter Member, dues are only \$2 per year

## 2008 WDAFS ANNUAL MEETING • PORTLAND, OREGON • 4 - 9 May 2008

# FINAL CALL



We invite you to Oregon as the Western Division of the American Fisheries Society and Oregon Chapter co-convene the 2008 Annual Meeting in Portland, 4-9 May, 2008. The theme of the meeting is "Human Population Growth and Fisheries: The Western Challenge." Portland provides an outstanding venue for fisheries professionals to discuss the effects of human population growth on fisheries, advance your professional networking, and to keep current on emerging ideas in fisheries science and management. We encourage everyone to enjoy Portland and Oregon before, during, and after the meeting.

## CONTRIBUTED ORAL AND POSTER ABSTRACTS

The Program Committee for the 2008 WDAFS Annual Meeting invites abstracts for **CONTRIBUTED** oral presentations and posters. The meeting will include a special posters session to

encourage discussion between poster authors and attendees.

***Contributed oral presentations and poster abstracts must be received by 22 February 2008. Space for contributed papers is limited thus papers will be selected on a first-come first-served basis. The sooner you submit your abstract, the better chance you will have of participating as a speaker. Abstracts for papers to be presented in Symposia and special sessions also must be received by 22 February 2008.***

All submissions must be made by using the online abstract form which is available on the WDAFS ([www.wdafs.org](http://www.wdafs.org)) or OAFS ([www.orafs.org](http://www.orafs.org)) websites. All presenters will receive an immediate e-mail confirmation of their abstract submission. You will be notified in early-March if your contributed paper or poster was accepted.

**\*\*\*\* SYMPOSIA PROPOSALS ARE NO LONGER BEING ACCEPTED\*\*\*\***

## CONTACTS

**Questions regarding symposia and contributed papers should be directed to:**

Neil Ward  
851 SW Sixth Ave, Suite 260  
Portland, OR 97204  
Phone 503/229-0191  
Fax 503/229-0443  
[neil.ward@cbfwa.org](mailto:neil.ward@cbfwa.org)

**Questions regarding posters should be addressed to:**

Christina Fellas  
NOAA Fisheries  
1201 NE Lloyd Blvd., Suite 1100  
Portland, OR 97232  
Phone 503/231-2307  
[Christina.fellas@noaa.gov](mailto:Christina.fellas@noaa.gov)

**Questions regarding meeting logistics and planning should be addressed to:**

Martyne Reesman  
Oregon Department of Fish and Wildlife  
17330 SE Evelyn St.  
Clackamas, OR 97015  
Phone 971/673-6083  
[martyne.j.reesman@state.or.us](mailto:martyne.j.reesman@state.or.us)

**Anyone who has questions about a continuing education course or workshop should contact:**

Doug Young  
2600 SE 98th Ave., Suite 100  
Portland, OR 97266  
Phone 503/231-6179  
[Doug\\_Young@fws.gov](mailto:Doug_Young@fws.gov)

*Your Chance to Get Involved!*

**SEEKING NOMINATIONS FOR THE  
2008-2009 OREGON CHAPTER EXCOM!**

This is your opportunity to become an officer in one of the biggest and best chapters of the American Fisheries Society! It is a great chance to learn the other aspects of fishery science, develop management skills, and network with other fisheries professionals. Out-going officers are glad to help you learn the ropes and get up to speed.

If you have been thinking about getting involved in AFS, now is the time. Officer positions have different types of time requirements, sometimes lower intensity, but nonstop, and others that are short bursts of intense action. Find a position that fits your needs, time constraints, and skills.

We seek candidates for the following positions (terms begin September 1, 2008):

President	3-year term*
Vice President	1-year term
Secretary-Treasurer	1-year term
Internal Director	1-year-term**
External Director	1-year term

\*3-year term: 1 year each as President-Elect and Annual Meeting Chair, President, and Past President

\*\*With the exception of assisting in the annual meeting facilities pre-planning for the subsequent year (will require volunteer work prior to September 1, 2008).

Elections will be held at the Annual Meeting Business Breakfast, May 7, 2008. Nominating is EASY! If you are interested in running for an office just submit your name to me via an email or phone call. If you know someone you think would be a great officer, but do not feel comfortable asking them, please submit their name to me and I will contact them to determine their interest in serving. Final candidates will need to prepare a short statement describing themselves, their background, education, work, interest in the position, and what they would like to contribute to Oregon AFS, by February 8, 2008, for publication in the April 2008 *Piscatorial Press*. Please contact me if you have ANY questions, and thank you for your interest!

Submit nominations by February 8, 2008 to:

Mike Reed, 503-823-3399

michaelsr@bes.ci.portland.or.us

*Be a part of American Fisheries Society Vision and History!*

**CALL FOR CHAPTER RESOLUTIONS**

Is there a resource issue that needs addressing? Do you have fisheries concerns to voice? Then the Oregon Chapter wants to hear from you! The Chapter wants to be responsive to the needs of its members, and this is one way we can help accomplish this goal. Past Oregon Chapter adopted resolutions have called for the breaching of Snake River dams and stressed the relation between human population growth and depleted fisheries.

**If you wish to bring an issue to the membership, please submit your resolutions to the Resolutions and Bylaws Committee by Friday, February 8, 2008.**

Your resolutions will be reviewed by the Resolutions Committee, and if accepted, published in the Winter 2007-08 issue of the *Piscatorial Press*, posted to the Chapter website, and submitted to the Chapter membership for a vote in Portland in 2008. Join in the democratic process and be heard!

**Adopted Chapter resolutions can be found on the website at: <http://www.orafs.org/communications.htm#resolution>.**

**For more information about submitting resolutions, please contact:**

**Ian Reid, ORAFS**

**Vice President and Resolutions Chair,  
fisheater67@hotmail.com, 541-261-2722.**

**Mark Your Calendar!**

**2008 ORAFS/WDAFS Annual Meeting**

**May 4-9, 2008**

**DoubleTree Hotel Portland-Lloyd Center**

**Portland, Oregon**

**Visit [www.orafs.org](http://www.orafs.org) for more information**

## Attention Fisheries Students: We Need Workers for the WDAFS Annual Meeting!

How would you like to earn money and receive free lodging at the 2008 Oregon Chapter-Western Division American Fisheries Society Annual Meeting in Portland, May 4-9?

We are looking for professional, trustworthy student workers to assist with a variety of logistical support tasks including:

- Audiovisual support (PowerPoint and lights) in speaker rooms
- Assembling and disseminating attendee packets at the registration desk
- Providing directions and information to meeting attendees
- Assisting with the raffle and auction
- Helping with the spawning run
- Setting-up and taking down poster presentations

In addition to helping serve the noble cause of fisheries conservation, expanding your fisheries education, and networking and meeting interesting people, ***you will also be compensated for your labor (\$8/hour)*** while will still have plenty of time to attend technical presentations and enjoy social events!

For more information regarding the 2008 Oregon Chapter-Western Division American Fisheries Society Annual Meeting please visit: <http://www.orafs.org/meeting2008/Annual2008.htm>

To sign up to work at the 2008 WDAFS Annual Meeting please contact  
Ian Reid, Oregon Chapter American Fisheries Society Vice President at  
[fishheater67@hotmail.com](mailto:fishheater67@hotmail.com) or (541) 261-2722

### OSU STUDENT SUBUNIT UPDATE

We are looking forward to the events that are planned for the Winter Quarter. At the beginning of the year, the Fish and Wildlife Club Leadership Team decided to incorporate a mixture of fun and education for all of our trips, and the trips planned for this winter are no exception. One example of an excursion we will have is a day of touring and volunteering at the Oregon Hatchery Research Center. Also, we will spend a weekend at the coast participating in a myriad of activities such as assisting with pinned research and learning about organisms that exist in tide pools. In addition, we will be having a leadership retreat where a full spectrum of skill-building activities will occur. The San Juan Islands will be the location of our annual spring break trip. However, most of the details regarding it have not been determined. Feel free to contact me if you have any input or questions regarding any club activities.

*Submitted by:*  
*Jason Grant, Student Subunit Representative*

[ifishgrant@yahoo.com](mailto:ifishgrant@yahoo.com)

### STUDENTS WANTED...

to present their research  
at the 2008 WDAFS Annual Meeting!

- Share your work through oral or poster presentations
  - Compete for Best Student Paper or Poster
    - Expand your network
- Build your resume, make job contacts, and more!

**Abstract Deadline: February 22, 2008**

**For more information contact:**

**Shivonne Nesbit**

[shivonne.nesbit@oregonstate.edu](mailto:shivonne.nesbit@oregonstate.edu)

# STUDENTS...APPLY NOW FOR 2008 OREGON AFS SCHOLARSHIPS!

*Due March 14, 2008*

## OREGON CHAPTER AMERICAN FISHERIES SOCIETY

*Undergraduate and Graduate Student*

*2008 Scholarship Application Guidelines*

The Oregon Chapter of the American Fisheries Society is proud to announce a competition for four student scholarships (i.e., associate, undergraduate, Master's, and Doctoral student categories). Scholarships will be formally awarded at the 2008 ORAFS/WDAFS Annual Meeting in Portland, Oregon. The goal of these scholarships is to further the objectives of AFS by rewarding and promoting the education and development of future fisheries professionals. **The award will consist of a check for \$1,500, one year of student membership in AFS (may be a renewal), an award certificate, recognition at the 2008 Annual Meeting and in *Fisheries* and the *Piscatorial Press*, and group lodging and refunded registration at the 2008 ORAFS/WDAFS Annual Meeting May 4-9, 2008, in Portland.**

### APPLICANT REQUIREMENTS

1. Applicant must be enrolled in or have been accepted for admission into a degree program within the state of Oregon
2. Applicant's major field of study must be relevant to fisheries science.
3. Applicant must be a current member of AFS, but may join AFS at the time of the scholarship application (see Oregon Chapter AFS website: [www.orafs.org](http://www.orafs.org)).
4. Applicant must not have been previously awarded the Oregon Chapter AFS Scholarship.

### APPLICATION PROCEDURE

Each applicant must submit the following:

1. **A short, 3-page essay (maximum 1,400 words, single spaced) describing how your academic and professional development has and/or will contribute to the AFS objectives of:**
  - advancing the conservation, development, and appropriate use of fisheries resources;
  - promoting the development and advancement of all branches of fisheries science;
  - gathering and disseminating scientific and technical information about fisheries; and
  - encouraging the teaching of fisheries science and practice in colleges and universities.

You are encouraged to include undergraduate and graduate experience or research, along with volunteer and work experience to demonstrate the relevance of your professional development to the objectives of AFS. Essays may also describe any grants, honors, or awards you have earned; or the influence of a class project or how you think your future contribution to fisheries science issues will promote the objectives of AFS. Essays will be judged based on the ability to communicate your ideas in writing and how well your goals further the objectives of AFS. **Include your name, address, phone number, email address, school and department of enrollment, major, year in college, degree pursuing, anticipated graduation date, and AFS membership number or proof of membership application.**

2. **Copies of official transcripts** from all colleges or universities attended to date (photocopies of official transcripts will be accepted).
3. **Two letters of recommendation** from mentors, or other professionals, **one of which must be an AFS member**. The letters should address the potential of the applicant to be a productive member of AFS and to contribute to fisheries science.

Scholarship application materials must be postmarked by **March 14, 2008**

Submit to:

2008 Scholarship Committee

Oregon Chapter American Fisheries Society

PO Box 8062

Portland, OR 97207

For More Information Contact:

Scott Heppell, 541-737-1086, [scott.heppell@oregonstate.edu](mailto:scott.heppell@oregonstate.edu)

## WHO SHOULD BE AN AWARD WINNER? SUBMIT YOUR NOMINATIONS FOR 2008 AWARDS NOW!

It is winter and you are knee-deep in field work and report writing. With nothing else to occupy your mind, your thoughts wander to last March's Oregon Chapter AFS Annual Meeting and the people you wish you had nominated for an award. So...avoid the rush and start now! You know who these people are...the peer, the mentor, the teacher, the partner from another agency, the private landowner who worked so hard to do that great habitat work...the one who made your whole project come together...or who inspired you to go back to graduate school! Now is a great time to start putting your thoughts on paper so you will have plenty of time to refine your 2008 nomination before the **award nomination deadline of February 15, 2008.**

For all awards except Broken Oar, you should indicate how the nominee's efforts are above and beyond their regular job. No award is required to be given each year. The Chapter may award multiple Awards of Merit each year, so you are encouraged to submit multiple nominations for the Award of Merit for individual or team efforts.

Do you know of a top-notch team that is doing (or has done) exemplary work? You may now nominate them for the **Fishery Team of the Year** award! This award represents recognition that there are outstanding teams that merit acknowledgement for excellent work beyond an Award of Merit. The stringent award criteria are similar to the Fishery Worker of the Year, but for team efforts. This award recognizes the collaborative efforts to understand and manage fisheries resources, and that these efforts frequently cross geographic, disciplinary and socio-economic boundaries.

Although the Award of Merit has always been open for recognition of team efforts, the Fishery Team of the Year award carries with it similar prestige as the Fishery Worker of the Year. If you have questions about criteria for an award please contact Doug Young.

### *Fishery Worker of the Year*

Nominees **must be AFS members in good standing** who are responsible for substantial single or sustained accomplishments above and beyond their regular job. Nominations should indicate how efforts are related to the goals of guiding and influencing sound resource practices.

### *Fishery Team of the Year*

At least one nominee of the team must be an **AFS member** in good standing. The team or group must have been responsible for substantial single or sustained accomplishments. Each member of the team nominated must have produced a substantial portion of the work. Nominations should indicate how they are related to the goals of guiding or influencing sound resource practices. To demonstrate equivalent contributions, describe substantive contributions of each member of the team.

### *Award of Merit*

This award recognizes **individuals, groups, or organizations** that have contributed to fisheries. Recipients can be either **AFS members of non-members.**

### *Bill Wingfield Memorial Award in Fish Culture*

Nominees should be **individuals or groups** that have contributed significantly to advancing fish culture (including fish health) in Oregon. **AFS members or non-members** may be nominated.

### *Broken Oar Award*

Everyone's favorite and just for fun, the Broken Oar Award is presented for "outstanding display of field technique and coordination." No doubt you already have some nominees in mind from this year's field season! **AFS members or non-members** may be nominated.

Full description of awards criteria and suggestions about how to write nominations will be posted to the Oregon AFS Chapter website or can be obtained by **contacting Mindy Simmons at [mindy.m.simmons@usace.army.mil](mailto:mindy.m.simmons@usace.army.mil) or (503) 808-4766.**

**DEADLINE FOR NOMINATIONS IS: February 15, 2008**

### **Your Giving Helps the Oregon Chapter!**

#### **THIRD CALL FOR 2008 RAFFLE AND AUCTION DONATIONS**

One of the highlights of the Oregon Chapter's Annual Meeting is our raffle and auction, and this year will be no exception. Based favorable exit survey results from the 2007 Annual Meeting, we are going to employ a similar approach for the 2008 Annual Meeting (i.e., fewer oral auction items, increase the number of silent auction items, and when your raffle ticket is called you select your own raffle prize). So, we are accepting your tax-deductible donations NOW! Popular items include fishing trips, artwork, weekend getaways, boats, etc.

Revenue from the raffle and auction is used to support Chapter activities and actions. Donation forms and other information are available on the Oregon AFS website at [www.orafs.org](http://www.orafs.org). **Donations may be sent to Michele Weaver, c/o ODFW, 17330 SE Evelyn Street, Clackamas, Oregon 97015. Questions: Michele Weaver or Jaym'e Schricker (see below).**

Michele Weaver  
2008 Chair (westside)  
971-673-6063  
[michele.h.weaver@state.or.us](mailto:michele.h.weaver@state.or.us)

Londi Tomaro  
Co-Chair (westside)  
503-680-3122  
[ltomaro@easystreet.net](mailto:ltomaro@easystreet.net)

Jaym'e Schricker  
2008 Co-Chair (eastside)  
[jayme.e.schricker@state.or.us](mailto:jayme.e.schricker@state.or.us)

## THE SANDY RIVER ONCE AGAIN RUNS FREE

On October 19, 2007 the Sandy River became a free-flowing river for the first time since 1913. Rising river flows prompted Portland General Electric (PGE) to breach the coffer dam which stood as a temporary stand-in for the concrete Marmot Dam (RM 30) removed earlier this summer. The removal of Marmot Dam, which stood 45 feet tall and 345 feet broad, represented a significant moment in the history of hydropower in the Pacific Northwest. The breaching of the coffer dam marked the transition from a lengthy process of planning and a summer of deconstruction to a period of observation and investigation of dynamic river changes.

In 1999, PGE announced it would close its Bull Run hydro-project (of which Marmot Dam is a component) after nearly 100 years of operation. Upgrade and maintenance costs led PGE to conclude continuation of the project was no longer cost-effective. In 2002, PGE and numerous parties including state and federal agencies signed a settlement agreement to guide removal of hydro-project facilities in a manner that would minimize impacts to endangered fish and wildlife species.

Removal of Marmot Dam was the first step in deconstruction of the Bull Run Project, and was initiated in July of 2007. PGE contractors began in-water work by isolating Marmot Dam from the Sandy River with earthen coffer dams just above and below the dam, thereby diverting the river around Marmot Dam. Demolition of the concrete dam began with a well publicized explosion on July 24<sup>th</sup>. Crews then methodically removed the dam and adjacent fish ladder from the top down through a series of explosion-material removal cycles, and their work was essentially completed by the end of September.



**Figure 1. Photo of Marmot Dam just prior to the initial explosion.**

Throughout the removal process, PGE fish biologists operated a temporary salmon and steelhead trapping facility to allow upstream passage of wild fish, collection of wild broodstock, and sorting of hatchery fish. The temporary facility, located one kilometer downstream of the dam, consisted of a picket weir intended to block passage and direct fish into a denil (fish-ladder like device) and subsequently into a trap. The trap was operated daily throughout the dam removal process. In addition, PGE with the help of the Oregon Department of Fish and Wildlife conducted salvage activities to remove salmon and steelhead

isolated in the one kilometer reach between the lower coffer dam and the picket weir. Biologists trapped or captured over 1,700 wild and nearly 900 hatchery salmon and steelhead between when accessed. On October 18<sup>th</sup>, significant rains fell on several inches of snow in the north



**Figure 2. Photo of Sandy River flowing through the former site of Marmot Dam, three weeks after breaching the coffer dam.**

ern Oregon Cascades. This event triggered a sudden increase in flow the evening of the 18<sup>th</sup> and on the 19<sup>th</sup>. The upper coffer dam was engineered to withstand flows of 2,000-2,500 cfs, a flow range that by the morning of the 19<sup>th</sup> it was clear the river would enter. In response, PGE mobilized its contractors and commenced activities necessary to breach the coffer dam. Between 17:00 and 17:30 the coffer dam was finally breached on its south shore, and over the next half hour the flow over the coffer dam moved from a trickle to a torrent. By the morning of the 20<sup>th</sup>, the river had scoured out the entire coffer dam and had made significant progress in mobilizing substrate trapped behind the coffer dam. In the process, old log jams were unearthed, and gravel bars were formed and eroded as the river put on a morphological display at “hyper-speed”.

The river continues to change today on an almost daily basis, and will do so over the next several years. In the coming months and years PGE and various governmental and academic entities will be monitoring geomorphic and biological responses to the dam removal.

The removal of Marmot Dam from the Sandy Basin is unique in the Northwest’s history of hydropower. In the coming years other dams around the Northwest (Powerdale, Condit, and Elwah to name a few) will be removed. The removal of Marmot Dam will help to educate us all on the potential effects of dams on salmon and steelhead populations, the effects of dam removal on their recovery, and other unexpected or under-appreciated outcomes from dam removal.

For additional information on the removal of Marmot Dam, including photographs and videos, visit PGE’s dam removal website: [www.marmotdam.com](http://www.marmotdam.com).

*Submitted by:*

*Nick Ackerman, PGE*

**Western Oregon Lamprey Workshop**  
February 26<sup>th</sup> & 27<sup>th</sup>, 2008



Lamprey research scientists, managers, agencies, Tribes, watershed councils, non-profits, and other entities involved in habitat restoration are invited to learn about:

- Research in Western Oregon
- Funding Opportunities for Lamprey Conservation
- Western Oregon Tribal Cultural Values for Lampreys
- Lamprey Conservation & Restoration
- Hosted dinner and Keynote Speaker
- Half-day field tour to view Winchester Dam for lamprey passage, population, and distribution monitoring will be discussed.

To be held at the Seven Feathers Casino, Canyonville, Oregon - \$50 registration fee.

For more information go to: [http://www.fws.gov/pacific/fisheries/sp\\_habcon/lamprey/index.html](http://www.fws.gov/pacific/fisheries/sp_habcon/lamprey/index.html)

Coordinators: **Amy Amoroso** - Cow Creek Band of Umpqua Tribe of Indians, **Mike Gray** - Oregon Department of Fish & Wildlife, and **Bianca Streif** - U.S. Fish and Wildlife Service

*Sponsored by:* The Cow Creek Band of Umpqua Tribe of Indians, Oregon Chapter AFS, USFWS, ODFW, Partnership for the Umpqua Rivers, USFS, OWEB, BLM, OR Wildlife Heritage Foundation, Oregon Sea grant

TUESDAY - Feb. 26 <sup>th</sup>		
Time	Topic	Speaker
8 - 8:45 am	Introduction Tribal Welcome	Amy Amoroso
<b>Research in Western Oregon</b>		
8:45 - 9:00 am	Western Oregon research	Carl Schreck
9:00 - 9:15 am	Western Oregon research	Abel Brumo
9:15 - 9:30 am	Studies of diversity in western lampreys	Stuart Reid
9:30 - 9:45 am	Siletz tribal research and restoration	Stan Van De Wetering
10:00 - 10:30 am	Research Panel Discussion and Q & A	All researchers above
<b>Funding Opportunities for Lamprey Conservation</b>		
10:30 - 10:45 am	OWEB Funding	TBA
10:45 - 11:00 am	ODFW Funding	TBA
11:00 - 11:15 am	USFWS Funding	TBA
11:15 - 11:30 am	Oregon Sea Grant Funding	Mikell Omealy
11:15 - 12:00 am	Q& A on funding for lamprey projects	Panelists above
<b>Western Oregon Tribal Cultural Values for Lampreys</b>		
1:00 - 2:30 pm	Tribal cultural panel discussion	Tribal members, Stan, Don,
<b>Lamprey Conservation &amp; Restoration</b>		
3:00 - 3:20 pm	Oregon Conservation Strategy for lampreys	Stephanie Gunckel
3:20 - 3:40 pm	Lamprey conservation measures for projects	Bianca Streif
3:40 - 4:00 pm	Smith and Umpqua Rivers Research	Sam Moyers
4:00 - 4:20 pm	Lamprey Ammonoete Identification	Damon Goodman
4:20 - 5:00 pm	Lamprey conservation panel discussion	Biologists above
6:00 - 7:00 pm	Hosted dinner and Keynote Speaker	Regional Director FWS
<b>WEDNESDAY - Feb. 27<sup>th</sup></b>		
8:00 am - noon	Board Bus - Visit Winchester Dam	Sam Moyer



American Fisheries Society  
Oregon Chapter  
PO Box 8062  
Portland, OR 97207-8062  
www.orafs.org

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**Doug Young**, USFWS  
2600 SE 98th Ave - Suite 100  
Portland, OR 97266  
503-231-6179; doug\_young@fws.gov

### President-Elect

**Neil Ward**, Columbia Basin Wildlife Authority  
851 SW Sixth Ave Ste 260  
Portland, OR 97204  
503-229-0191; neil.ward@cbfwa.org

### Past-President

**Mike Reed**, City of Portland  
1120 SW 5th Ave Room 1000  
Portland, OR 97204  
503-823-3399; michaelr@bes.ci.portland.or.us

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**Ian Reid**, US Forest Service  
116 Graham Way Talent, OR 97540  
541-261-2722; fisheater67@hotmail.com

### Secretary-Treasurer

**Julie Firman**, ODFW  
28655 Highway 34  
Corvallis, OR 97333  
541-757-4263 x 249; julie.firman@oregonstate.edu

### External Director

**Brad Houslet**, Warm Springs Tribes  
Branch of Natural Resources - PO Box C  
Warm Springs, OR 97761  
541-553-2039, bhouslet@wstribes.org

## Internal Director

**Martyne Reesman**, ODFW  
17330 SE Evelyn St.  
Clackamas, OR 97015  
971-673-6083, martyne.j.reesman@state.or.us

## Student Representative (OSU)

**Jason Grant**  
ifishgrant@yahoo.com

## EXTERNAL COMMITTEE CHAIRS

**Education & Outreach - Martyne Reesman**  
971-673-6083; martyne.j.reesman@state.or.us

**Fish Culture - Susan Gutenberger**  
509-538-2400; Susan\_Gutenberger@fws.gov

**Freshwater Habitat - Jim Grimes**  
503-378-3805 x 233; jim.grimes@dsl.state.or.us

**Legislative - Hiram Li**  
541-737-1963; hiram.li@oregonstate.edu

**Marine Habitat & Ecology - Scott Heppell**  
541-737-1086 scott.heppell@oregonstate.edu

**Natural Production - Lance Kruzic**  
541-957-3381; Lance.Kruzic@noaa.gov

## INTERNAL COMMITTEE CHAIRS

**Awards - Mindy Simmons**  
503-808-4766, mindy.m.simmons@usace.army.mil

**Historian - Steve Smith**  
503-263-1253; huntersmith@canby.com

**Nominations - Mike Reed**  
503-823-3399; michaelr@bes.ci.portland.or.us

**Poster Session - Christy Fellas**  
503-231-2307; Christina.Fellas@noaa.gov

## Raffle & Auction

**Michele Weaver** 971-673-6062  
michele.h.weaver@state.or.us

## Scholarships

**Scott Heppell** 541-737-1086  
scott.heppell@oregonstate.edu

## Student Affairs

**Rebecca Goggans** 541-737-8166  
rebecca.goggans@oregonstate.edu

**Doug Markle** 541-737-1970

Douglas.Markle@oregonstate.edu

## Student Paper & Poster Awards

**Mike Hudson** 360-604-2500  
mike\_hudson@fws.gov

## PISCATORIAL PRESS NEWSLETTER

**Editor** Jim Hall 541-737-1950  
James.hall@oregonstate.edu

**Editor** Martha Brookes 541-753-1417  
martha.brookes@comcast.net

**Mailing** Neil Ward (see info below)

## AFS / TWS Liaison

**Tony Faast** 503-231-6233  
Tony\_Faast@fws.gov

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