

# Newsletter of the AFS Ontario Chapter



## AMERICAN FISHERIES SOCIETY ONTARIO CHAPTER

### President's Message

Time flies when you are having fun .....

That saying is so true as I write my second newsletter message. There are many exciting things going on in fisheries in Ontario right now, not just within the Chapter but also within the field in general. Items in this newsletter include an article about the 2006 AFS Annual Meeting, held in September in Lake Placid, New York and attended by quite a number of AFS-OC, written by Warren Dunlop. Jack Imhof has written an update on the programme for the 2007 OC AGM; it looks like a very interesting slate of talks that Jack has assembled. Of course, there is another instalment of "The View From Up Here" written by yours truly.

I am sure that each of you received an email recently regarding the e-vote that we need to complete in order to change/update the Chapter bylaws. We need to get the votes tallied by the end of February so that the revision can be considered at the upcoming Society's Board of Governors meeting in early March. The chapter bylaw changes are necessary for two reasons. The first is to add the Student subunit and their officers to the Executive Committee, and the second (strongly recommended by the constitutional advisor of the Society) is to include the Secretary as an elected voting officer of the EX-COMM. Please take the time to vote (whether you vote for or against) for these bylaw changes. If you didn't receive an email ballot I would suggest that you visit the Society website (<http://www.fisheries.org>) and update your personal information, then send an update to our webmaster at ([webmaster@afs-oc.org](mailto:webmaster@afs-oc.org)).

Also attached to this newsletter is the registration package for the 2007 OC AGM. It is shaping up to be a great meeting, one not to be missed. If you haven't yet come to the meeting at Geneva Park, this will be your last chance until 2009. We will not be holding an AGM in 2008; instead we will have our business meeting at the AFS Annual Meeting in Ottawa during August.

To conclude, I encourage each of you to routinely visit our website. Rob Eakins, our webmaster, does a terrific job at keeping the website up-to-date. If you have something that you would like posted to the website please email Rob at [webmaster@afs-oc.org](mailto:webmaster@afs-oc.org).

Warmest Regards,  
Bill Gardner



## Student Research

### Understanding the Thermal Ecology of Pacific Salmonid Spawning Migrations

Michael R. Donaldson M.Sc. Candidate, Dr. Steven Cooke  
Fish Ecology and Conservation Physiology Laboratory,  
Carleton University, Ottawa.

Water temperature is often considered as the master factor that controls all aspects of fish biology. Migratory species, such as the Pacific salmonids, encounter highly variable temperature conditions throughout both the marine and freshwater phases of their spawning migrations. For these remarkable fish, water temperature plays a critical role in their ability to make their long (e.g., some populations travel over 1000km in distance and 1100m in elevation) and arduous (e.g., encounters with commercial and recreational fishing gear) return to natal spawning grounds. Because these species cease feeding by the on-set of the freshwater phase of their migration, they operate on a 'fixed' energy budget. This is problematic as elevated water temperatures and variable flow conditions increase routine metabolism and energy depletion throughout the migration. These challenging conditions exacerbate intrinsically difficult spawning migrations and in extreme situations, may accelerate and magnify en-route mortality.

Michael's research focuses on the thermal ecology of these potentially vulnerable species. In 2006, Michael and colleagues conducted research on 375 migrating sockeye salmon as they entered the Fraser River, B.C. For individual fish, biological samples were obtained using biosampling procedures and fish were fitted with radio transmitters and thermal loggers and subsequently released to complete their migrations. The objective of this study was to determine the role of elevated water temperatures in relation to physiology (e.g., stress indices, osmoregulatory status, reproductive hormones), energetics and migratory behaviours (e.g., swimming speed, migration timing). Currently, Michael is engaged in data analysis and looking forward to contributing to the understanding of how these migrants respond to variable thermal conditions. With the uncertainty of climate change, understanding the thermal ecology of Pacific salmonids is necessary for the conservation of these remarkable fish. This research is highly relevant to improving the management of one of the highest profile fisheries in the world.



Michael evaluating percentage body fat

## AFS-OC Swag! Get your Hats and Pins

**Impress your friends and colleagues—Support your AFS-OC now!**

Ontario Chapter baseball caps and lapel pins are now available for purchase from your Executive Committee.



**Cost:** Baseball Cap **\$20.00**  
Lapel Pin **\$3.00**



If you would like to place an order for a baseball cap or lapel pin, please contact Bill Gardner ([president@afs-oc.org](mailto:president@afs-oc.org)) or Heather Lynn ([secretary@afs-oc.org](mailto:secretary@afs-oc.org)).

## The View From Up Here

I am writing this sitting in a cabin in the woods, to be more precise, a cabin on a rock beside a lake at the edge of the woods. I am up here (1/2 hours drive north of Sault Ste. Marie) spending a week's vacation, doing a little bit of ice fishing, some snowshoeing and lots of reading. My favourite books used to be science fiction and fantasy (Lord of the Rings type books) but I have always enjoyed the murder/mystery genre. My Mom deserves credit (or blame) for this, as it was she who bought me the Hardy Boys books and insisted on watching Ellery Queen and Charlie Chan movies on TV. Anyway, one of the books that we keep at the cabin is a compilation of Canadian murder mystery short stories. I usually read at least one of these short stories every time I come up here, only remembering about 3/4's of the way through the story that I know the ending. Reading one of these stories today, set in a place called Swan Creek, Manitoba, got me to wondering if there are any crime drama books or stories set in Ontario involving fisheries or natural resources crimes (aside from the new book Minnow Trap). I would not be surprised if there was a series of books from the 1950's set in Ontario and involving the Department of Lands and Forests (the OMNR prior to the early 70's).

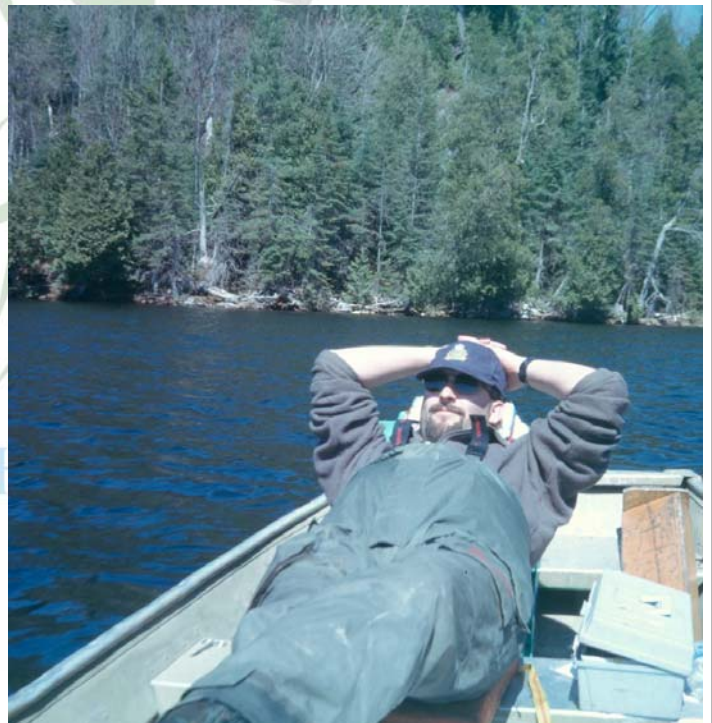
If I were to write a story about this, the main characters would be Ontario's Conservation Officers with the Ministry of Natural Resources. They would spend their time trudging around the wilds of northern and southern Ontario, solving mysteries and crimes, using the latest technology, all the while setting a good example for the youth of today. Of course after a highly successful series of books, CBC would buy the rights and make a weekly series of the exploits of Barkley and Atwater, Conservation Officers. (Kind of a CSI meets the Forest Rangers).

Ok, so my version might not fly but the concept is something that we as a chapter and a profession should consider. As we, society in general, become more urban we tend to lose our connection with the natural environment, maybe what we need is more stories, movies, video games, about the natural environment. Not situations where we conquer the environment or overcome the obsta-

cles that are inflicted upon us by the environment but where we work in and with the outdoors. I think that there are several ways that we can be doing something about this (without having to write a series of books, I mean!). The first is to engage youth in opportunities that take them out of the classroom and put them into the rivers and lakes of Ontario. The second is to support programs that give youth a chance to work in this field (e.g. Hutton Junior Biologist program, High school, College and University placement and co-op programs). At the very least we can belong to a professional society that supports student involvement and if you are reading this as a member you're already doing that.

Cheers from the North,

Bill Gardner



[http://www.surveymonkey.com/bait\\_survey](http://www.surveymonkey.com/bait_survey)



AMERICAN FISHERIES SOCIETY  
**ONTARIO CHAPTER**

**ANNUAL MEETING**  
March 1<sup>st</sup> – 3<sup>rd</sup>, 2007  
Geneva Park, Orillia

***“Applying Inter-disciplinary Science on the Ground:  
Theory and Practice”***

**Join us for our 2007 Annual Meeting and Conference at the Geneva Park Conference Centre, on the shores of Lake Couchiching near Orillia.**

Programme includes: Thursday welcome mixer, Friday & Saturday Oral & Poster presentations, Business Meeting, Friday BBQ Dinner & Evening Social.

Our Preliminary Agenda includes speakers from government, Universities, and private consulting making presentations on:

*Redesign of Redhill Creek and the response of the stream corridor,  
fishway design, the application of a Land Disturbance Index to assess development impacts to the fish community  
And more...*

Student presenters are eligible for the **E.J. Crossman Award** for Best Student Paper. Student posters will be eligible for the **BASS/OBF Award** for best student poster.

For registration details or other information, please visit our website:

<http://www.afs-oc.org>

**Or contact:**

**Jon Clayton**  
c/o Credit Valley Conservation  
1255 Old Derry Rd., Mississauga, Ontario, L5N 6R4,  
Ph: (905) 670-1615, 1-800-668-5557, Fax: (905) 670-2210  
email: [vice-president@afs-oc.org](mailto:vice-president@afs-oc.org)

**AFS-OC Members and students are eligible for discounted rates (see registration form).**

## 2007 AFS-OC AGM in Geneva Park, Orillia

The general theme of this year's AGM Workshop will be:

### ***“Applying Inter-Disciplinary Science On The Ground: Putting Theory into Practice”***

Applying good science on the ground usually requires an inter-disciplinary team. Real life issues and management solutions are complicated and do require the expertise of a number of disciplines over and above a sound basis in fisheries biology. This is a good time to remind ourselves of the interesting applications, new ideas and understanding that can be developed when we begin working with other disciplines such as hydrologists, geomorphologists, engineers, geologists and others. H.B.N. Hynes, the father of modern flowing water ecology often remarked that the most interesting science occurs between the disciplinary and academic silos.

An ulterior motive to this workshop is to introduce many of our younger members to the relationship of other disciplines to our areas of interest and to spark future collaborations and working arrangements. We as an organization are also interested in the Ontario Chapter developing a set of workshops and training sessions with these other disciplines to train young biologists in the principles and application of other sciences to their work.

The draft program is still under construction, but a number of interesting papers from professionals, researchers and students have already been accepted for the workshop. These groupings of papers include:

- Re-designing and Rebuilding 7 kilometers of the Red Hill Creek Stream Corridor – the design principles and results from both a physical and biological perspective.
- What can fish scales tell us about groundwater discharge patterns in rivers? A geologists perspective
- Development and Testing of an approach to monitor fish communities in streams with an example
- Determining approaches to developing environmental flow targets for rivers
- Development of waterpower sites in Ontario and environmental management
- Natural Channel Design from an engineers perspective: two case studies
- Ecosystem research at the terrestrial-aquatic interface in southern, central and boreal Ontario forests
- Fishway design examples
- Research into the prediction of conservation values
- Post-fishing competition trauma on fish
- Recreational Fisheries and global fish conservation
- Greensided Darter and the Grand River Paradox

And more .....

So please join us for a wide range of presentations and posters exploring fisheries science and the science and applications that use the knowledge, expertise and understanding of other disciplines to further the management of aquatic environments.

Look forward to seeing you there.

Jack G. Imhof  
AFS-OC President-Elect

# REGISTER ME FOR THE 2007 ANNUAL GENERAL MEETING ONTARIO CHAPTER OF THE AMERICAN FISHERIES SOCIETY

**EARLY** Registration: **February 16th, 2006.** **FINAL** Registration: **February 23rd, 2006**

*(Please send a self addressed stamped envelope or email address if you wish confirmation of reservation)*

Name: \_\_\_\_\_  
 Affiliation: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ Province: \_\_\_\_\_  
 Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
 Email: \_\_\_\_\_

I am:	Student	AFS Member	AFS CARS Member
		AFS-OC Member	Non-Member

would like to make a Presentation

Title: \_\_\_\_\_

<b>Registration Fees</b> (please choose 1 option):			
	<b>Basic Registration*</b>	<b>Accommodation package**</b>	<b>Total</b>
Student	\$ 40.00	Shared \$ 60.00	\$100.00
AFS-OC Member	\$ 75.00	Shared \$200.00	\$275.00
		Single \$250.00	\$325.00
Non-Member	\$100.00	Shared \$225.00	\$325.00
		Single \$280.00	\$380.00
<b>Late Registration Fee (After February 15th additional surcharge)</b>			<b>\$ 25.00</b>
* Includes lunch & breaks each day (Friday and Saturday)			
** Includes Thursday night welcome mixer with snacks, two nights accommodation (Thursday and Friday), breakfast (Friday and Saturday), Friday night BBQ & Social.			
Total Amount:	_____	Cheque Enclosed <i>(Payable to AFS-OC)</i>	
For <b>Shared or Student Accommodation</b> , if you have a preferred roommate, please indicate name here: _____ (if you don't have a roommate, we'll assign one)			

To help us with planning at Geneva Park, please fill in the following:			
March 1st :	estimated arrival time: _____	Thursday night accommodation	
March 2nd :	Breakfast	Lunch	Dinner & Social
Friday Night accommodation			
March 3rd:	Breakfast	Lunch	
Special Dietary Needs:	allergies:	details:	_____

**Please make Cheques Payable to:**  
**AFS-OC**  
**c/o Jon Clayton**  
**1255 Old Derry Road,**  
**Mississauga, Ontario, L5N 6R4**

**Geneva Park Conference Centre**  
<http://www.genevapark.ymca.ca/home.html>

We are pleased to have found a great facility for our AGM and Conference. Geneva Park is a full service conference & meeting centre operated by the YMCA. It is located on a 150 acre forested peninsula on the shores of Lake Couchiching, near Orillia.



**Accommodation:**

The Park offers a choice of single or double accommodation (see registration form for pricing). Rooms come equipped with 4 piece en-suite bathroom facilities, as well as phones with data jacks. Wheelchair accessible rooms are available. Full daily housekeeping services are provided. No pets.

**Recreation:**

The Park offers cross country skiing (ski equipment available) on groomed trails, snow shoeing and broomball. Bring your skates for the outdoor rink (weather permitting). Enjoy the fitness & games rooms or bring your fishing equipment and try out ice-fishing on Lakes Simcoe or Couchiching on the way to or from the Conference.



**Getting there:**

**From Barrie/Toronto area & south:**

Take Hwy #400 N to Barrie, then Hwy #11 N to Orillia. At Orillia, take 2<sup>nd</sup> exit (Hwy #12 S) to Rama Rd (Simcoe County Rd 44). Turn Left. Geneva Park is 10km from corner on left.

**From Peterborough/Lindsay area & east:**

Take Hwy #7 W to Hwy #12 N. Travel 45km on Hwy #12 to Atherley. Turn right onto Rama Rd (Simcoe County Rd 44). Geneva Park is 10km from corner on left.

**From Huntsville area & north:**

Follow Hwy #11 S to the Hwy #169/Washago exit. Follow Hwy #169 one km to Rama Rd (Simcoe County Rd 44). Turn right & follow Rama Rd for 10km. Turn right into Geneva Park.

**From Georgian Bay area & west:**

Take Hwy #26 E through Stayner. Turn left onto County Rd 22 (Horseshoe Valley Rd). Continue on 22 to Hwy #12 (Prices Corners). Turn right onto Hwy #12. Bypass Orillia by taking Hwy #11 S for 3km to Hwy #12 S exit. Take Hwy #12 to Rama Rd (Simcoe County Rd 44). Turn Left. Geneva Park is 10km from corner on left.



## Chapter Notices

### *Travelling to the United States? Be Prepared!*

#### **United States' Western Hemisphere Travel Initiative**

The Western Hemisphere Travel Initiative (WHTI) is a United States initiative that will require all travellers, including Canadians, to carry a valid passport or other appropriate secure document when travelling to the United States from within the western hemisphere.



#### **The WHTI will be implemented in two phases:**

The first phase will only affect air travel to the United States. As of January 23, 2007, Canadians will require a valid passport to travel to the United States by air. The first phase does not affect travel by land or sea.

The second phase will include travel to the United States by all modes, including land and sea. The United States has yet to release the rules for land and sea travel; however, a passport will be valid for all modes of travel under the WHTI. The U.S. government has approved a potential delay of the full implementation of the WHTI to June 1, 2009; however, should the Secretaries of State and Homeland Security be able to certify that certain criteria are met, the WHTI could be fully implemented earlier.

For more information, visit the Canada Border Services Agency's Web site at [www.cbsa.gc.ca](http://www.cbsa.gc.ca) or call the Border Information Service toll-free line at 1-800-461-9999.

## AFS 2008 Update

Plans are proceeding for organizing the 2008 AFS Annual Meeting in Ottawa. The theme of the meeting will be "***Fisheries in Flux***". Many of the organizing committee chairs have now been determined:

General Meeting Chair – Dave Maraldo  
 Communications Chair – Burton McClelland  
 Social Committee – Tracy Smith  
 Fund Raising Committee – To be determined  
 Finance Committee – Elaine Philp  
 Local Arrangements Committee – To be determined

The lead person for the Ontario Chapter (AFS-OC), will be Jack Imhof, Trout Unlimited Canada. The Canadian Aquatic Resources (CARS) lead will be Martin Castonquay.

Current efforts involve developing a logo, organizing social events and preparing a potential sponsor list.

Volunteers to serve on these committees or to assist at the meeting are being sought. Get involved by contacting any of the Committee Chairs.



## Chapter Notices

### Equal Opportunities Section Student Travel Fund – A Great Opportunity

The main goal of the Equal Opportunities Section (EOS) of the American Fisheries Society is to increase the representation and involvement of diverse ethnic/racial groups and females in the American Fisheries Society. To fulfill this mandate the EOS sponsors students from underrepresented groups to attend the Annual General Meeting (AGM), of which the next will be held in San Francisco in 2007. The EOS is also responsible for hosting a luncheon during the AGM to provide students with an occasion to discuss opportunities in fisheries for student with seasoned professionals.

The Ontario Chapter of the American Fisheries Society is a proud sponsor of this cause and wishes to encourage minority and female students to apply for the EOS Travel Fund Award. All pertinent information can be found at the EOS website (<http://www.fisheries.org/units/eos/>), and applications should be sent directly to Gwen White, AFS Equal Opportunities Section, Travel Award Committee Chair ([gwhite@dnr.in.gov](mailto:gwhite@dnr.in.gov)).

The following excerpt was taken from a letter received by the EOS from Lonnie Gonsalves, a student at University of Maryland Eastern Shore, in response to receiving an award.

*“Not only am I thankful for this award because of its financial value; I also appreciate your recognition of my potential as a student, a scientist, and as a future colleague. I want to assure you and the section that with your continued support, whether it be financial or perhaps more importantly the moral support, that I as well as the students and faculty of the Living Marine Resources Cooperative Science Center will continue to perform quality research and provide valuable assistance in the recruiting and training of talented scientists from all demographics.”*

## Conference Announcements

### 68th Annual Midwest Fish and Wildlife Society

***“Be the Change: Manage Locally, Conserve Globally”***

**When:** December 12-16, 2007

**Where:** Madison, Wisconsin

The program committee of the 68th Midwest Fish & Wildlife Conference (December 9-12, 2007, Madison, Wisconsin) invite you to submit proposals for symposia, workshops, and special poster sessions. The full announcement may be found at: <http://midwest.ncd-afs.org/index.asp>

#### **Proposal Submission**

Send a MS Word or PDF file of the proposal via e-mail to the program chairs; either Karl Martin ([Karl.Martin@Wisconsin.gov](mailto:Karl.Martin@Wisconsin.gov)) for wildlife related topics or Phil Moy ([philip.moy@uwc.edu](mailto:philip.moy@uwc.edu)) for fisheries related topics by March 1, 2007.

## AFS - Lake Placid 2006 in Review



Lake Placid was a beautiful setting for the 2006 AFS meeting; and its close proximity meant that a fairly sizable Ontario contingent was in attendance.

The local organizers embraced the Olympic Games spirit and the memories of the U.S hockey team's "Miracle on Ice" (a little friendly dig at their Canadian colleagues, perhaps?). The Sunday Night social was held on the outdoor Olympic skating oval where Eric Heiden won his amazing 5 gold medals in 1980. Although the mercury dipped to unseasonably cold temperatures, everyone was warmed by the friendly banter with old friends and new acquaintances; the excellent "Tastes of New York" from food booths scattered around the oval; and the sampling of local brews.



Although the new convention centre that had been promised failed to materialize, the local organizers did a great job working with the local convention bureau and Olympic site management to work around a number of logistic challenges. The Trade Show was set up on the surface of one of the hockey rinks, while a number of the presentations were housed in tents set up on the surfaces of the two other rinks. Other than a bit of sound bleed, (and the brisk hike between venues), the arrangements worked very well.

In between all the excellent presentations, the week was filled out with numerous meetings (e.g. the Parent Society Business meeting, CARS Business meeting, etc.) and social functions. There was a student reception and Job Fair that were well attended. The offsite reception on Wednesday evening included a demonstration by members of the Russian national aerial ski team and hearty food and live music under a huge tent at "Fishtoberfest", followed by a spectacular fireworks display. Some hardy souls (including, it is rumoured, our own Stephen Casselman) got up early to participate in a rainy 10K "Spawning Run".



On Thursday, some of us had an opportunity to sit in on a debriefing meeting between the Lake Placid 2006 and the San Francisco 2007 Committees. It was a great opportunity to meet some of the folks and gain some insight into "what went right and what to avoid"! One eye opener was that there were 107 volunteers that made things run smoothly over the week; doing everything from registration, updating signs, running AV, security, t-shirt sales, Spawning Run, ground transportation, socials, etc. For those looking to volunteer at Ottawa 2008, there will be lots of opportunity to find your niche!

Stay tuned.

Warren Dunlop  
AFS-OC Past-President

## CCFFR 2007 Review

By Melissa Robillard

From January 4-6<sup>th</sup> the 60<sup>th</sup> annual Canadian Conference for Fisheries Research (CCFFR) and the Canadian Society of Limnologists (SCL) was held in Montreal. This year was the most well attended meeting to date with approximately 405 people in attendance. It certainly was a busy few days, with a welcome reception on Thursday evening and two very full days of presentations. With six concurrent sessions, over 185 oral presentations and more than 70 posters the conference was a great opportunity to find out about some of the most recent advances in fisheries and aquatic research and fish ecology in Canada. This year a novel approach was taken when scheduling the oral presentations, for the first time ever the presentations on fisheries/fish ecology and limnological subjects were fully integrated, with no distinction made between the disciplines. This provided an opportunity for participants to attend talks on either aspect of aquatic ecology regardless of the discipline, successfully bridging the communication gap between disciplines.

In the plenary session, Dr. Karen Kidd of the Canadian Rivers Institute and Department of Biology at the University of New Brunswick gave the J.C. Stevenson Memorial Lecture, which is awarded to a young, energetic and creative researcher at the cutting edge of an aquatic discipline. Her talk titled; "Responses of a freshwater food web to whole-lake additions of a potent estrogen" provided an overview of her involvement in an estrogen-addition experiment conducted at the Experimental Lakes Area in northwestern Ontario. In the concurrent sessions many of the themes focused on the stressors impacting aquatic environments, including invasive species, climate change, cyanobacteria, hydroelectric power, and water quality issues. A student workshop was held; the theme was "How to be a successful scientist?" This was a discussion forum with the opportunity for students to interact with panellists and to gain insightful and helpful tips and tricks to achieving success, from researchers at varied stages in their careers.

Being a graduate student, one of the highlights for me attending CCFFR is the opportunity to reunite with colleagues and friends, catching up on what they are doing and where their studies have taken them in the past year. I also think it's a great opportunity to meet collaborators or to visit with scientists and researchers working on similar areas of study from other regions in Canada. Personally, I think that one of the greatest aspects of CCFFR is the welcome reception students receive from some of Canada's most distinguished scientists and researchers, and the supportive environment in which we can present our ongoing thesis research. As a group of students we were joking that someday, years from now, we'll be attending CCFFR as university faculty, fisheries biologists and researchers and look back on the days when we cut our teeth, so to speak, at this very conference. The unusually warm weather and location of the conference facilities in downtown Montreal's commercial district provided visitors with the opportunity to visit the city and soak in some of the Quebec culture. I look forward to travelling with Ontario folks next year to Halifax, NS for some east coast hospitality and I'm sure an education in Atlantic fisheries and marine ecology.

### Stay Informed... Visit the AFS-OC website

Visit the **AFS-OC website** often and keep abreast of the latest news, conferences and workshops. Our webmaster works very hard to keep the latest information at your fingertips. Check out the **Events and Conferences** page at <http://www.afs-oc.org> for the latest in ongoing fisheries research.

## Educational Opportunities

### EROSION AND SEDIMENT CONTROL WORKSHOP

**When:** March 21, 2007  
**Where:** Black Creek Pioneer Village, Visitors Centre Theatre  
 1000 Murray Ross Parkway, Toronto  
**Time:** 8:30 am to 12:00 pm

The Toronto and Region Conservation Authority and the Toronto and Region Remedial Action Plan (RAP), in partnership with Fisheries and Oceans Canada (DFO) and The Great Lakes Sustainability Fund, would like to invite you to attend an Erosion and Sediment Control Workshop to be held at Black Creek Pioneer Village.

On behalf of the Greater Golden Horseshoe Conservation Authorities, we are pleased to inform you that the Erosion and Sediment Control Guideline for Urban Construction (December, 2006), can be downloaded from the home page of the Sustainable Technologies Evaluation Program website - <http://www.sustainabletechnologies.ca/>.

**Who Should Attend?** Engineers, Developers, Contractors, Contract Administrators, Field Supervisors, Inspectors, Agency Staff, etc.

**Registration:** There is no cost to attend this workshop. However, registration is limited to a first come, first served basis. **RSVP** by email to Lia Lappano at [llappano@trca.on.ca](mailto:llappano@trca.on.ca) or by telephone at (416) 661-6600, extension 5292.

If you have any questions regarding the content of this workshop, please contact Glenn MacMillan at (416)661-6600, extension 5212.

#### **Workshop Summary Draft Agenda**

8:30 - 9:00 am	Registration
9:00 - 9:10 am	Welcome and Introduction Deb Martin Downs, TRCA
9:10 - 9:30 am	New Erosion and Sediment Control Process for Aquatic Habitat Protection Derrick Beach, DFO
9:30 - 10:00 am	Erosion and Sediment Control Guideline for Urban Construction Glenn MacMillan, TRCA
10:00 - 10:20 am	Designing for a Dynamic Process Dave Leighton, Urbantech
10:20 - 10:35 am	<b>B R E A K</b>
10:35 - 11:35 am	Environmental Monitoring for Construction Projects Dave Green, Natural Resource Solutions
11:35 - 11:45 am	International Erosion Control Association Mark Hartley, Aquafor Beech
11:45 - 12:00 pm	Discussion/Closing Remarks Deb Martin-Downs, TRCA

## Conference Announcements

### SUDBURY 2007 MINING and the ENVIRONMENT CONFERENCE

**When:** October 20-27, 2007  
**Where:** Laurentian University, Sudbury Ontario

**Deadline for Abstract Submissions: March 1st, 2007**

Laurentian University welcomes Dr. David Schindler as keynote speaker for Sudbury's 2007 Conference on Mining and the Environment. Short courses, conference sessions, student competitions, field trips and social events are all part of this 7-day extravaganza.

For program and event updates visit <http://www.sudbury2007.ca/>.

Or contact:

**Sudbury 2007**  
Centre for Environmental Monitoring  
Laurentian University  
935 Ramsey Lake Rd  
Sudbury, Ontario, CANADA. P3E 2C6  
Telephone: (705) 675-1151 x 2014  
FAX: (705) 675-4866  
Email: [Sudbury2007@laurentian.ca](mailto:Sudbury2007@laurentian.ca)



## Ontario Freshwater Fishes Life History Database

The AFS-OC is proud to be affiliated with the Ontario Freshwater Fishes Life History Database (OFFLHD). This website is an unparalleled source of information concerning the fishes of Ontario. Researchers, consultants and students alike agree this interactive searchable database provides a valuable resource to all those interested in Ontario freshwater fishes.

The OFFLHD is a fully searchable database for all Ontario and adjacent Great Lakes freshwater fishes including introduced, extirpated and extinct species. It contains current information pertaining to life history, habitat, size and age, distribution, status, reproduction and nomenclature for 150 species, 3 subspecies and 2 established hybrids. The website also includes photographs, range maps, notes, references, glossary of terms and related web links.

Try it out for yourself by clicking the OFFLHD logo on the Ontario Chapter homepage, or directly by visiting <http://www.fishdb.ca>. Explore, learn and enjoy.

The Ontario Freshwater Fishes Life History Database was created and is maintained by Robert Eakins, AFS-OC Webmaster.



## Your Input Is Valued

### New Migratory Rainbow Trout Barrier for the Credit River

Public Notice Requesting Input to a Screening Process  
Class Environmental Assessment for MNR Resource Stewardship  
and Facility Development Projects

The Credit River Anglers Association, in partnership with the Ontario Ministry of Natural Resources (MNR), invite public input into the Class EA Screening Process for the proposed construction of a new migratory rainbow trout barrier in the Credit River. The study area extends upstream from Winston Churchill Boulevard in Norval to the confluence with the East Credit River in Inglewood. The purpose of this project is to segregate spawning and nursery habitats for naturalized migratory rainbow trout from spawning and nursery habitats for native migratory and resident trout and salmon species in order to achieve diverse, naturally self sustaining populations for the Credit River watershed. The project includes assessment and evaluation of different types of barriers as well as a variety of potential locations in the river. Significant adverse environmental effects are to be identified, evaluated and mitigated where possible.

A project screening is being conducted under the Class Environmental Assessment for MNR Resource Stewardship and Facility Development Projects to assign this project to a category for evaluation. The assigned category determines the level of detail of the project planning evaluation and the amount of consultation that will be undertaken. This project has been tentatively assigned to Category C, on the basis that there could be significant adverse environmental effects and public concern. MNR is requesting public input on this category assignment before proceeding further.

Comments must be received within the 30-day comment period, which expires on February 27, 2007.

The preliminary Environmental Study Report includes background information and the rationale for the Category C designation. It can be viewed at <http://www.craa.on.ca/>. For more information on the project, to submit comments or to request further notice, please contact:

Mark Heaton, Fish and Wildlife Biologist  
MNR Aurora District  
50 Bloomington Rd. West  
Aurora, Ontario  
L4G 3G8  
Ph (905) 713-7406 Fax (905) 713-7361  
[mark.heaton@ontario.ca](mailto:mark.heaton@ontario.ca)

If MNR decides that this is a Category C project, a subsequent first public notice to inspect the draft Environmental Study Report will be advertised.

The Ministry of Natural Resources is collecting comments and personal information under the authority of the Environmental Assessment Act to assist in making decisions and determining any further consultation needs. All comments and opinions will be kept on file and may be available in study documentation that is made available for public review. All comments and contact information received may be forwarded to the project applicant unless specifically requested otherwise. For more information on the collection and use of personal information, contact Jane Sirois, Information Officer at (905) 713-7344.



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