



www.midwestsetac.org

OZARK-PRAIRIE SETAC CHAPTER



Meeting Announcement and Call for Papers

www.iaux.cerc.cr.usgs.gov/opsetac

Joint Meeting of the Midwest Chapter And Ozark-Prairie Chapter

**Society of Environmental Toxicology and Chemistry
March 3-5, 2004
La Crosse Radisson Hotel, La Crosse, Wisconsin**

Large River Resources

The Midwest and Ozark-Prairie Chapters of the Society of Environmental Toxicology and Chemistry are soliciting platform and poster session papers for presentation at the joint regional SETAC meeting. The joint Midwest and Ozark-Prairie Chapter meeting will provide a forum for scientists in Michigan, Minnesota, Wisconsin, southern Ontario, Illinois, Iowa, the Dakotas, Kansas, Oklahoma, Nebraska, Missouri and elsewhere to exchange information pertinent to their own region. Papers dealing with all aspects of environmental toxicology, environmental chemistry, pollution prevention and hazard assessment are invited. Papers need not be new and may be from previous national or regional conferences that many of our participants have been unable to attend. A separate competition for the best student platform and poster presentation for each chapter will take place, and the awards will be presented at the meeting.

MAIN THEME

The theme of the March 3-5, 2004 Annual Meeting of the SETAC Midwest and Ozark-Prairie Chapters is "Large River Resources." This year's theme will help to draw focus on the regional nature and importance of ecological risk concerns in the area's large rivers and the research currently underway on these vital resources. Research on other areas of interest in the Midwest and Ozark-Prairie regions is also welcome.

The program will begin on Wednesday evening, March 3, 2004 with registration and exhibits. The technical program will begin on Thursday morning at 8:30 A.M. with a keynote guest speaker followed by a series of platform presentations. After lunch in the hotel foyer, the meeting will continue with contributed platform presentations of 20 minutes in length. The afternoon session will be followed by a Poster Session/Cocktail Reception from 5:30 – 10:00 P.M. Everyone is invited to engage in spirited scientific discussion of the posters while enjoying a nice selection of complimentary hors d'oeuvre and a cash bar.

Friday morning, March 5, 2004, the scientific program will continue with additional contributed platform presentations. The meeting will be adjourned by mid- to late afternoon.

Presenters may wish to consider, but are not limited to, the following topics in preparing their abstracts:

Ecological Risk Assessment and Field Studies
Measuring Vs. Modeling
Ecological Risk Assessment
Toxicity Testing
Environmental Modeling Case Studies
Effects of Population Growth on Biological Integrity
Cumulative Risk Assessment
Endocrine Disruptors, Persistent and Bioaccumulative Chemicals
Regional Sustainability
Physical and Chemical Properties of Environmental Contaminants
Linking Human and Ecological Health to Environmental Pollution

Chemical Risks from Air Pollution
Fate and Transport
Risk Characterization and Management
Biomarkers
Ecological Studies
Sediment Toxicology
Analytical Chemistry of Contaminants
Behavioral Toxicology
Molecular/Cellular Toxicology
Wildlife Toxicology
Monitoring Air, Water, Sediment, or Biota

CALL FOR PAPER AND POSTER ABSTRACTS

This joint meeting of the SETAC Midwest and Ozark-Prairie Chapters will take place in La Crosse, Wisconsin, on March 3 – 5, 2004. Titled “Large River Resources,” the plenary and general meeting presentations will provide a holistic view of regional environmental risk issues and their potential environmental and human health consequences. All environmental professionals in the regions covered by both chapters are encouraged to attend this meeting and present their work to their colleagues.

The organizing committee is calling for paper and poster abstracts. All paper and poster abstracts should be provided in properly formatted hard copy or plain text e-mail (see appended information). Abstracts will not be considered unless they are received in properly formatted hard copy or plain text e-mail. Applicants are encouraged to electronically submit abstracts.

All electronic or hard copies of abstracts should be received by conference organizers no later than **January 26, 2004**. Notification will be sent electronically and/or in hard copy no later than **February 9, 2004**.

Send electronic or hard copy to:

Midwest

Sue Beach

3M Environmental Laboratory

Building 2-3E-09

935 Bush Avenue

St Paul, MN 55144

Telephone: 651-778-7452

Fax: 651-778-6176

sabeach@mmm.com

(include the words: “Midwest SETAC Abstract”
as the subject heading of your e-mail)

Ozark-Prairie

Dr. Joel Coats

Iowa State University

115 Insectary

Pammel Drive

Ames, IA 50011-3140

Telephone: 515-294-7400

Fax: 515-294-4757

jcoats@iastate.edu

(include the words: “Ozark-Prairie SETAC Abstract”
as the subject heading of your e-mail)

Meeting Registration

A pre-registration form is enclosed. The registration fee includes: attendance at all platform sessions, abstract book, hors d'oeuvres on Thursday for the Poster Session/Reception, lunch on Thursday and Friday and refreshments at all breaks.

	Midwest/Ozark-Prairie SETAC Member		Non-Member**	
	Regular	Students	Regular	Students
Pre-Registration (postmarked by January 23, 2004)	\$100	\$65	\$115	\$65
Late Registration (on-site or postmarked after January 23, 2004)	\$120	\$85	\$135	\$85

**Includes complimentary membership in Midwest or Ozark-Prairie SETAC for 2004.

NOTE: There is no 1-day or partial registration fee.

Please submit all Registration forms and fees to:

Continuing Education Registration, 205 Morris Hall,

UW-La Crosse, La Crosse, WI 54601 (checks should be payable to UW-La Crosse)

or call (608) 785-6504 to register using your credit card. You may also fax your completed registration along with credit card number to (608) 785-6547 or register on-line at www.pware.com/index.cfm?clientid=22218

If you are unable to attend the meeting, but would still like to join or renew your membership, membership forms are available online for both chapters

Midwest: <http://www.midwestsetac.org/index.htm>

Ozark-Prairie: <http://www.ux.cerc.cr.usgs.gov/opsetac/membership.htm>

You can also pay your regional chapter dues online when you pay your national SETAC membership dues

MIDWEST 2004 CHAPTER DUES

Regular Membership: \$15
Student Membership: \$ 5

OZARK-PRAIRIE 2004 CHAPTER DUES

Regular Membership: \$15
Student Membership: \$ 10

Hotel Reservations

Please make your reservations for lodging directly with the Radisson Hotel or any other hotel of your choice. A limited block of rooms has been reserved at the Radisson Hotel La Crosse. Indicate that you are with the SETAC Conference to receive a special negotiated rate. **Please make your reservations at the Radisson by February 1, 2004.** After February 1, 2004, reservations can only be accepted on a space available basis. Contact the Radisson Hotel directly at:

Radisson Hotel La Crosse
200 Harborview Plaza
La Crosse, Wisconsin 54601
Phone: (608) 784-6680
(800) 333-3333
Fax: (608) 782--6430

Conference Rate: Singles \$62/night + 12.5% tax
Doubles \$92/night + 12.5% tax

2004 Midwest SETAC Student Travel Award Program

This year the Midwest SETAC Chapter Board of Directors has once again established a program to support travel of students to our annual Chapter meeting. The purpose of this program is to encourage student participation and help defer the cost of attending the annual meeting. A limited number (10 maximum) of \$100 travel awards will be made for the joint SETAC Chapter Meeting in La Crosse, WI. Awards will be made directly to the students at the annual meeting March 3-5, 2004.

Interested student applicants should submit the following package of information as soon as possible but no later than February 23, 2004:

1. A completed 2004 Midwest SETAC student travel award application form (copy included with this announcement).
2. A copy of the applicant's abstract submitted for this year's 2004 joint SETAC Chapter Meeting.
3. A one-page statement of the student's research goals and accomplishments.

This package of information should be submitted to:

Kevin J. Buhl
USGS, BRD, Columbia Environmental Research Center
Field Research Station
31247 436th Avenue
Yankton, South Dakota 57078-6364
605-665-9217 FAX 605-665-9335
kevin_buhl@usgs.gov

Ideally all applicants for a Midwest Travel Award will be funded. However, because the number of awards is limited by available funds, applicants will be ranked on the basis of the following criteria:

1. Completeness and timeliness of the application package;
2. Quality of the abstract; and
3. Organization and presentation of applicant's statement of goals and accomplishments.

2004 MIDWEST SETAC STUDENT TRAVEL AWARD APPLICATION

Name _____

Department or Program _____

College or University _____

Address _____

TEL _____ FAX _____

- | | | | |
|----|--|-------|----|
| 1. | Are you currently a Midwest Chapter of SETAC Student Member? | Yes | No |
| | If yes, what year did you become a SETAC Student Member? | _____ | |
| | If not a member, have you included your student membership dues (\$5) with this application? | Yes | No |
| 2. | Have you previously received a travel award from SETAC? | Yes | No |
| | If so, what year was the award made? | _____ | |
| 3. | What year did you begin college studies? | _____ | |
| 4. | Describe your program (BS, Master's, Ph.D., etc.) | _____ | |
| 5. | When do you expect to receive your degree? | _____ | |

Faculty Advisor _____ Advisor's Signature _____

TO THE FACULTY ADVISOR OR DEPARTMENT HEAD:

How many applicants are applying for a Student Travel Award from your program? _____
If more than one undergraduate student is applying, send a letter directly to Kevin Buhl's office at the address below indicating a rank ordering of the applicants.

Program Director or Department Head

Name _____

TEL _____ FAX _____

Signature _____ E-Mail _____

Date _____

SEND MATERIALS TO: Kevin J. Buhl
USGS, BRD, Columbia Environmental Research Center
Field Research Station
31247 436th Avenue
Yankton, South Dakota 57078-6364
605-665-9217 kevin_buhl@usgs.gov

**DEADLINE FOR RECEIPT (postmarked): February 23, 2004
FAXED COPIES WILL NOT BE ACCEPTED**

Platform and Poster Abstract Submissions Should be Formatted According to the Following Example:

(NOTE: Title: maximum number of words in title is 15. Underline presenting author's name. Abstract text: 300 words maximum for authors, affiliation, title and text. Words over 300 will be edited without author's review. Provide full address presenting author and short affiliations of non-presenting authors. Please use 12-point type in Times New Roman).

Hammerschmidt, C.R.
Sandheinrich, M.B.
Rada, R.G.
Wiener, J.G.

Key words: reproduction, fish, methylmercury, diet

Effects of dietary methylmercury on reproductive success of fathead minnows. Hammerschmidt, C.R., Sandheinrich, M.B., R.G. Rada, University of Wisconsin-La Crosse, La Crosse, WI; Wiener, J.G., U.S. Geological Survey, La Crosse, WI. Methylmercury (MeHg) may affect fish populations by reducing reproductive success. We examined effects of dietary concentrations of MeHg encountered by some fish in the environment on reproduction of fathead minnows. The study included four sequential phases: (1) the juvenile stage to sexual maturity, (2) spawning of mature fish, (3) hatching of embryos, and (4) growth of progeny. We fed juveniles one of four diets during Phase 1, three of which were contaminated with CH₃HgCl (0.060 [Control], 0.88, 4.11, and 8.46 mg Hg×g⁻¹ dry weight). After reaching sexual maturity, fish were paired and again fed one of the four diets (Phase 2). To assess effects of MeHg during gametogenesis, some fish were fed diets during Phase 2 that differed from those fed during Phase 1. Dietary MeHg did not reduce growth of fathead minnows. Spawning success was 75% for pairs fed the Control diet during Phases 1 and 2 and 50% or less for pairs fed the contaminated diets. Phase 2 diets did not affect spawning success. Dietary MeHg also delayed spawning. Days to spawning was positively related to concentrations of total mercury in carcasses (less gonads) of females and males. Gonadosomatic index and reproductive effort (eggs laid per gram of carcass) of females were inversely related to concentrations of total mercury in carcasses. Fertilization success, hatching success, and 7-d survival and growth of larvae were not related to mercury in parental fish. Concentrations of MeHg that reduced reproductive success of fathead minnows are also encountered by some fish in low-alkalinity lakes. Consequently, reproduction of wild fish may be adversely affected in some surface waters with elevated concentrations of MeHg in food webs.

Author to Contact:
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River Studies Center
Department of Biology
University of Wisconsin-La Crosse
La Crosse, WI 54601
T 608-785-8261
F 608-785-6959
sandhein.mark@uwlax.edu

I prefer ...(NOTE: Select one that describes your platform/abstract preference)

- either poster or platform
- poster but will accept platform
- platform but will accept poster

I do/do not (NOTE: Select one) wish to be judged for a Best Student Paper Award

GUIDELINES FOR PRESENTERS

PLEASE NOTE: The Midwest and Ozark-Prairie Regional SETAC Board of Directors, in response to requests and in recognition that the presenter, not the method of presentation, determines quality, has approved the use of overheads (transparencies/ acetates) at Regional Meetings. Presentations must be either completely slides or completely overheads. This year, the Organizing Committee has also decided to allow computer-generated presentations. There will be a PC and projector available in the meeting room. Presenters may also bring their own laptops and projectors; however, any extra set up time will need to be compensated for in the actual presentation. Presenters planning on using this style for their presentation should come to the meeting with a diskette formatted in MICROSOFT POWERPOINT® and a back-up set of overhead transparencies. If technical problems are encountered, we will not be able to allow extra time or to reschedule the presentation.

PLATFORMS

Preparing of Slides/Overheads for Platform Presentations

To maximize the quality of our slides and overheads, the Program Committee recommends you consider the following suggestions:

- Lettering and numbering on slides and overheads must be readable from the back of the room.
 - Text should not exceed 8 lines. A simple test of acceptability is to hold the slide to the light about one foot from your eye. If it can be read easily, it is okay. If not, the type is too small.
 - NO handwritten overheads will be allowed.
 - An effort should be made to reduce clutter on slides and overheads.
 - Slides should be of PowerPoint® (or equivalent) quality.
 - Graphs are best used to convey trends, comparisons, and relationships. Do not list strings of non-significant numbers. Tables are best used when precise numbers must be presented.
 - Pre-meeting rehearsal by presenters is a must to ensure that speakers finish within the allotted time.
- Use horizontal position for all slides and overheads. Material arranged vertically on slides and overheads may exceed the height of the screen.

At The Meeting.....

- Preview your slides or overheads. Be in the meeting room 15 minutes before the beginning of your session and introduce yourself to the Chairperson. Provide appropriate, concise biographical information to him/her for your introduction.
- Have your slides organized in a carousel (or ask the AV operator to load your slides), and be ready to go.
- Stay on schedule. You have been allotted 20 minutes, including discussion, for your presentation. The Chairperson has been instructed to require all speakers to adhere to this limit: Plan for 15 minutes for the presentation and five minutes for discussion.

IF YOU CANNOT ATTEND THE MEETING OR MUST WITHDRAW YOUR PLATFORM PRESENTATION, YOU MUST CONTACT THE REGIONAL SETAC BOARD.

POSTER PRESENTATION REQUIREMENTS

TITLE, ALL CAPITAL LETTERS! (72 pt. font)

AUTHOR and AFFILIATION (42 pt)

ABSTRACT

INTRODUCTION

MATERIALS & METHODS

RESULTS & DISCUSSIONS

CONCLUSIONS

MINIMUM FONT SIZE FOR ALL TEXT: 18 pt. (Readable from 2 meters)

The Excessive Use of Organization Logos/Advertisements Is Not Allowed!!

Poster Boards:

Approximately 4 feet high and 8 feet wide, cloth covered.

Use Velcro tabs (preferred), push pins, or staples to attach your poster to the board.

PLEASE provide your own attachment supplies.

YOU are responsible for setup and take-down of your poster during the prescribed times.

Poster Display & Attendance Times:

Thursday March 4, 2004, 5:30–8:00 P.M. Setup: after noon and before 5:30 P.M.

Takedown: Friday, March 5th by 3:00 P.M.

Poster presenters should attend their posters during the Thursday session as much as possible. A cocktail reception with complimentary hors d'oeuvres and a cash bar will be provided in the poster exhibit area during the Thursday

session. Posters will remain on display through the end of the meeting on Friday. Your poster must remain displayed for the entire session.

Suggestions For More Effective Posters

- Use bullets; keep text to a minimum.
- Use simple backgrounds; do not distract from the message.
- Make sure the text and graphics are readable from two meters.
- If possible, provide copies of the poster and your card.
- Provide an envelope where people can leave their card for more information.
- Be at your poster during the breaks and during the poster social.
- Leave a note listing other times you will be at your poster.

IF YOU CANNOT ATTEND THE MEETING OR MUST WITHDRAW YOUR POSTER, YOU MUST CONTACT THE REGIONAL SETAC BOARD.