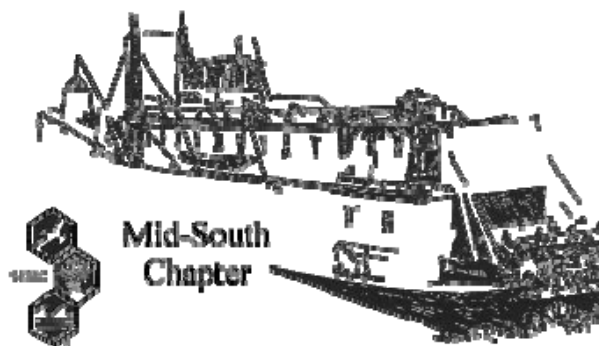


MidSouth SETAC Annual Meeting Vicksburg, MS 14-16 May 2008



ENVIRONMENTAL SECURITY: COASTAL PROTECTION, NATURAL RESOURCES AND EMERGING MATERIALS

You are invited to attend the MidSouth SETAC Regional Chapter annual meeting to be held at the U.S. Army Engineer Research & Development Center (ERDC) in Vicksburg, MS. The meeting will be hosted by the ERDC [Environmental Laboratory](http://el.erd.c.usace.army.mil/index.cfm) (<http://el.erd.c.usace.army.mil/index.cfm>), which serves as a problem solver for the Corps and the Nation in environmental science, and engineering research and development support relevant to environmental systems.

We are inviting abstracts and participation in the following areas:

- The Role of Plants in Environmental Security: From Phytoremediation to Coastal Stabilization
- Perspectives to Approaching Impact Assessment: Molecular to Landscape
- Hurricane Katrina: Two Years After
- Other Topics in Environmental Toxicology and Chemistry

*Abstracts for platform and poster presentations must be submitted by **MAY 2, 2008**.*

The 2008 annual meeting will start Wednesday evening, May 14, with a sunset cruise on the [Sweet Olive](http://www.msrivertraveltours.com) (www.msrivertraveltours.com) along the Mississippi River Wednesday evening a chance for us to greet old friends and meet new ones. Space is limited, so reserve your spot today! The meeting will start Thursday, May 15, featuring a morning short course, afternoon platform sessions and an evening poster session. To unwind from all the exciting research of the day, we plan to descend into [Downtown Vicksburg](http://www.downtownvicksburg.org) ("www.downtownvicksburg.org" for socializing and optional walking tours of the historic buildings. On Friday, May 16, we will open our session with four plenary speakers addressing timely topics related to different aspects of Environmental Security ranging from coastal protection following Hurricane Katrina to emerging materials used by the Department of Defense. The meeting will conclude following our awards luncheon. Tour of select EL facilities will be available following lunch, for those interested.

Registration for the meeting will be \$40/regular and \$20/student until May 2 (\$55/regular and \$35/student after May 2). Registration includes the short course; all presentations, posters, and discussions; continental breakfasts and coffee breaks; and lunch on Friday. The Sweet Olive river cruise tickets will be an additional \$25 for those interested.

Overnight accommodations are available for various prices at nearby hotels.

Registration information and lodging details can be found on the Mid-South SETAC website (www.setac.org/midsouth) or by calling 601-634-4027.

****Any foreign national must gain approval prior to the conference. Please contact Ms. Alfreda Gibson (alfreda.b.gibson@usace.army.mil) to start the approval process by 16 April if possible. If a student is unsure about attending, please start the process, as it can be disregarded, but cannot be started after 21 April.****

CALL FOR ABSTRACTS

The organizing committee of the 2008 MidSouth SETAC meeting welcomes submission of abstracts for platform and poster presentations. **All abstracts must be formatted according to the example abstract below and submitted as a MS Word email attachment to 'jacob.k.stanley@usace.army.mil'**

Abstracts over 300 words will be edited without author's review. *Poster presentation boards will be 48 inches (wide) by 36 inches (tall) and attached using ONLY adhesive (no Velcro, pins or tacks).* Abstract submissions must be received on or before May 2, 2008.

Sample Abstract Submission

Author to Contact:

Jessica Coleman
Environmental Laboratory
US Army Engineer Research and Development Center
3909 Halls Ferry Road, Bldg 6011
Vicksburg, MS 39180
Tel.: (601) 634 3669
Fax: (601) 634 2263
jessica.g.coleman@usace.army.mil

Preference: (NOTE: Select One) either Platform or Poster, Platform but Will Accept Poster

Student or Post-doctoral Fellow (NOTE: Select one, if applicable)

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

Title: Assimilation of Trophically Available Lead in a Reptilian Predator Model

Authors (presenting author in bold): **Coleman JG**, Brasfield SM, Inouye LS, Steevens JA, Jones RP, Boyd R, Yoo, LJ

Firing range contamination by lead (Pb) projectiles continues to be a concern as the Army manages the training environment. Pb transfer from organisms at the food chain base (i.e., invertebrates) to higher level consumers (i.e., birds, reptile, etc.) is particularly important in evaluating potential risks linked to Pb contamination. Current environmental assessments overestimate risk by assuming 100% Pb transfer within the food chain. Previous study evaluated uptake of Pb in four prey species, and based on these results, tenebroid beetle larvae (*Tenebrio molitor*) were selected. Prey invertebrates were exposed to sub-toxic Pb levels and fed to lizards ...