



**Call for Abstracts: 2003 NGWA Midsouth Focus:
Environmental Monitoring & Modeling Issues:
Hydrogeologic Model Calibration, Uncertainty and
Confirmation**

September 18-19, 2003
Nashville, Tennessee
Doubletree Hotel

This conference will focus on environmental monitoring issues facing the technical community as they relate to confirmation of hydrogeologic models and feature some important sites in the region. The conference will be organized by experts from Federal and State agencies, academia, consulting companies and computer software developers and users. The conference will encourage: (1) discussion and demonstration of innovative approaches and new methods, (2) technology transfer of data sources, software and analytical methods, and (3) presentations of practical applications and lessons learned. Conference Advisory Council Chair, Thomas Nicholson, Office of Nuclear Regulatory Research, U.S. Nuclear Regulatory Commission, Chris McGrath, U.S. Army Engineer Research and Development Center, Chin-Fu Tsang, Lawrence Berkeley National Laboratory, Frank Parker, Vanderbilt University, Van Price, AFS, Inc., Thomas Temple, University of South Carolina, and Stephen Bagene, NGWA.

NGWA invites you to take part in the conference by submitting an abstract for consideration

Abstracts are being considered for the following topics

- Ground water monitoring strategies related to site performance models
- Hydrogeologic modeling assumptions, particularly those that constrain boundary values
- Conservative versus realistic modeling approaches
- Parameter estimation and scaling based on site characterization and monitoring data
- Model calibration and testing using groundwater monitoring data
- Sensitivity and uncertainty analyses
- Models for regulatory decision making and court cases
- Modeling volatile substances and vapor-phase transport
- Real time monitoring as input to decision making on facility and site performance
- Innovative approaches to hydrogeologic characterization and conceptualization
- Model confirmation for remediation of radionuclides, organics and heavy metals
- Geophysical methods for characterization
- Monitoring and modeling in the vadose zone and other problematic media (e.g. fractured rock)
- Monitoring and modeling, Gaseous Diffusion Plants in Paducah, Kentucky & Portsmouth, Ohio
- Monitoring and modeling, Savannah River Site
- Monitoring and modeling, Oak Ridge National Laboratory

Conference key dates

- April 28, 2003: Abstract submission deadline
- May 15, 2003: Acceptance notification
- September 10, 2003: PowerPoint presentation due
- September 5, 2003: Registration and fees due

Abstract guidelines

- Word 7.0 documents are preferred.
- Abstracts may be up to two pages in length and should be titled and include all contributing authors' names and affiliations, and references. Please add biographical sketches of the authors as an additional page. The sketches should be approximately 50 words in paragraph form, and full mailing and e-mail addresses and phone and fax numbers must be included.
- Authors are required to indicate the topic for which the abstract is being submitted.
- Margins should be 1 inch top, bottom, and right side and 1 1/4-inch left margin. The text should be single-spaced, 10-point size, Times-Roman font, with no pagination, footers and headers. Paragraphs should be justified and aligned to the left.
- Major headings should be 12-point bold, minor headings should be 10-point italicized unbolded. There should be one blank line above and below all headings, except above major headings which should have two blank lines.
- Graphics should not be used.

Sample abstract

Abstract Title and All Major Headings should be 12-point bold

By Arthur A. Author, Ph.D., Author and Associate; and Samuel Perrier, CEGWP, Second Author
Inc.

This is an example of the formatting style for the text in an abstract. The font is Times Roman, and the left margin is at 1 1/4 inches, while top, bottom, and right margins are all set to 1 inch. All paragraphs are justified and aligned to the left.

Minor Headings should be 10-point italic

Above is an example of how the formatting should look for a minor heading. There is one space between the heading and paragraph that follows. However, note that with major headings within the document, there are two spaces.

Also, remember to include a second page that features the biographical sketches of the authors.

Mailing instructions

Abstracts must be submitted in electronic format (disk or e-mail). Send them to Dawn A. Guth at daguth@ngwa.org as an attached file if using e-mail. Or mail this form, abstract and biographical sketch to: Midsouth FOCUS/NGWA, Dawn A. Guth, 601 Dempsey Rd., Westerville, OH 43081. Please send your abstract and bio on a disk.

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More information

For further information about abstract submission, contact NGWA's Bob Masters by e mail at [ngwa rmasters@ngwa.org](mailto:rmasters@ngwa.org), or call (800) 551-7379

Also, please visit the NGWA Web site at www.ngwa.org/education for updated information on the conference, or call NGWA customer service at (800) 551-7379.