



Illinois Groundwater Association Newsletter

Volume 23, No. 2

Fall 2007

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2007 Officers

Chair: Don Keefer,
Illinois State
Geological Survey

Vice Chair: Dan Horvath,
Resource Consulting,
Inc.

Director: Melissa
Lenczewski, Northern
Illinois University

Director: Steven Kroll,
Patrick Engineering,
Inc.

Secretary: Danielle
Wallin, Farnsworth
Group, Inc.

Treasurer: Steve Bennett,
Western Illinois
University

Editor: Erik Spande,
CH2M Hill

Webmaster: Randy
Locke, Illinois State
Water Survey

Student Director: Chris
Greer, Northern
Illinois University

FROM THE CHAIR

Summer is almost over, school is back in session and fall is on the way. Of course, fall means another Illinois Groundwater Association meeting is just around the corner. This year our fall meeting will be at the NIU-Naperville campus, with thanks to IGA Director Dr. Melissa Lenczewski for assistance in setting up the venue and the menu. As you will see, the program for the fall meeting is another good one. We've even got presentations from three colleagues to the north: Dr. Doug Cherkauer and Dr. Tim Grundl, both from University of Wisconsin-Milwaukee, and Dr. Ken Bradbury from the Wisconsin Geological and Natural History Survey. Those talks, combined with others from IEPA, NIU, ISGS and ISWS will make an enjoyable session. We've kept the presentations 30 minutes long and have several breaks to encourage discussion of the science and a good opportunity for interaction. Remember, the Illinois Groundwater Association meetings are a great chance to catch up with colleagues, keep current on what's happening in Illinois groundwater, and learn something new about some facet of groundwater science and engineering. We do have an open microphone every meeting, so please bring some news to share about your company or your sector of the industry.

At the spring meeting in Urbana, we voted on amendments to our by-laws and constitution, both of which were approved. As a result, annual dues will be increased for professional members from \$15 to \$25 per year effective January 1, 2008. Student membership will remain \$5 per year. This change in dues, the first since 1995, will increase IGA's ability to continue funding student research at the current rate of 2-3 grants per year up to \$500 each. It also may allow a reduction in student meeting registration costs to encourage student attendance. Another result from the approved amendments is that the Secretary and Treasurer will be able to serve an unlimited number of one-year terms, provided their duties are performed to the satisfaction of the Chair and they are elected each year, pursuant to the by-laws. On behalf of the Executive Committee, thank you for supporting these initiatives. We discussed these at length before proposing them, and we feel that they will help make the IGA a stronger more involved group.

This past spring, we also dusted off our Groundwater Science Awards, giving them to two long-time members of the IGA, Bob Sasman and Bill Dixon. The Executive Committee would like to entertain nominations for Groundwater Science Awards to be presented next spring. For purposes of these awards, groundwater science is broadly defined to include research, education, consulting service, water well construction, or public service as related to the scientific management, protection, and or utilization of groundwater. To nominate someone or to learn more about the awards, please talk to an Executive Committee member.

FROM THE CHAIR (CONTINUED)

As the summer heat raged this year and the price for oil soared, groundwater was an issue of concern for an increasing number of people. Competition for groundwater resources is closely tied to urban/suburban growth and to traditional and biofuel energy production. The water supply planning and management initiative started by the Governor in July of 2006 is moving along very well. Both the Northeastern Illinois Regional Water Supply Planning Group and the East Central Illinois Regional Water Supply Planning Committee are working, through their subcontractors, on estimates of water demand projected to the year 2050. They are also working hard to understand the scientific framework and political requirements for creating water supply plans that provide sufficient amounts of water and yet maintain a long-term sustainable approach to water supply management. The Illinois State Water Survey is hosting the main web site for the overarching and technical aspects of this [water supply program](#). The regional groups also have their own web sites for region-specific information, both accessible through the State Water Survey web site. Both groups are holding monthly meetings, so please put your expertise and insight to work, take some time to attend a meeting, and participate in the future management of Illinois' water resources.

In case you haven't heard, the National Ground Water Association has developed a new conference that is worth your attention. The [2008 Ground Water Summit](#) will be the fourth time this annual conference will be held. This year it will be in Memphis from March 30-April 3. Session topics are currently being decided and abstracts will be due in November sometime. Now in its fourth year, the Ground Water Summit typically hosts a good combination of attendees from various areas of government, industry and academia. The conference format is designed to highlight current topics in hydrogeology. It showcases a Darcy Forum, which hosts the NGWA Darcy Lecturer, the GSA Birdsall-Dreiss Lecturer, and others in a focused panel discussion.

Lastly, thanks to everyone who's been on the IGA Executive Committee and subcommittees these past three years. I really appreciate your commitment to the Association, and all the help you've given me. I've really enjoyed getting to know and work with all of you. While it has taken a little bit of time scattered throughout the year, it has been well worth it. I encourage anyone who hasn't already participated in the Executive Committee to make some time to do so. Contact an Executive Committee member and ask to have your name put on next year's ballot. Participation is what makes the IGA happen, and what makes it worthwhile.

Take care,

Don Keefer
Illinois Groundwater Association Chair for 2007

IGA NEWS

FALL 2007 IGA MEETING AT THE NIU-NAPERVILLE CAMPUS

The October 4, 2007 IGA fall meeting will be held at a new venue this year – the [Northern Illinois University campus in Naperville, Illinois](#). All the university facilities we've used for



IGA meetings have been excellent, and the new NIU-Naperville conference center will be no exception. This location is not only [centrally located](#) in the western Chicago suburbs but it is also readily accessible off I-88. The [official Naperville visitors'](#)

[web site](#) has a complete listing of hotels. The meeting will include a morning snack, lunch, and afternoon refreshments. A provisional agenda is on page 13 of this newsletter.

SPRING 2007 IGA MEETING AT UNIVERSITY OF ILLINOIS



Each year the IGA holds two meetings in different regions of the state for the benefit of its state-wide membership. The spring 2007 IGA meeting was held in central Illinois at the University of Illinois at Champaign-Urbana's [Levis Faculty Center](#) on March 28, 2007. As expected the university provided top-notch facilities, and the Levis Faculty Center was the right size for our group of about 55.

One of the highlights was recognizing Bill Dixon and Bob Sasman with the *2007 Illinois Groundwater Science Achievement Awards* for their decades of leadership in groundwater science in Illinois. Their many achievements and decades of service were recounted in the spring 2007 IGA newsletter and were reviewed during the presentation ceremony. Each received hearty congratulations and a plaque to commemorate his service.

The agenda featured two presentations from the Illinois EPA: the *Community Right-to-Know* legislation and a demonstration of *Illinois EPA Source Water Assessment Program On-Line Interactive Database*. Unfortunately, technical problems prevented Rick Cobb from demonstrating the database, and we've re-scheduled the presentation for our fall meeting. Representatives from the ISGS presented their latest research on recharge and mixing in the Mahomet Aquifer, and the ISWS presented an update on regional water supply planning. We were also pleased to have two IGA student grant recipients present their research about the effects of septic systems on surface water and groundwater quality, and nitrogen flux in surface water and groundwater. The spring 2007 agenda and abstracts are posted on the [IGA web site](#) on the [meetings page](#).

IGA NEWS

2007 IGA STUDENT GRANTS

A primary goal of the Illinois Groundwater Association is to foster scholarship in the science of groundwater. One way we support this effort is through our IGA Student Grant Program. The IGA is pleased to devote our entire yearly surplus from dues and meeting fees (less a small amount to keep the IGA going) to student grants and we have granted \$11,995 to deserving students since 1987. We are very pleased that this spring our strong financial condition allowed us to grant \$2500 (or 21% of total grants to date!) to five students.

Student grant applications are accepted in the spring and fall of each year. The IGA awards one to three grants (typically \$150 to \$500) to support student research in groundwater in Illinois. Any undergraduate or graduate student registered for full- or part-time study at an accredited college or university in Illinois is eligible to apply. The application deadline for the fall grant period is September 21, 2007 and we encourage eligible students to submit an application early. Application forms and guidelines can be obtained from the [student grants section of the IGA web site](#) or from:

[Edward Mehnert](#)

IGA Grants Coordinator

Illinois State Geological Survey

615 East Peabody Drive

Champaign, IL 61820

217/244-2765 Fax 217/244-2785

The benefits of the IGA student grants go well beyond support for research. Students are required to present their findings at an IGA meeting. Student presentations are an opportunity to develop professional presentation skills in front of a friendly audience who offer constructive feedback and questions. Students can also network with other groundwater professionals in academia, government, and industry. Making contacts and 'showing your stuff' is an invaluable experience, and the IGA is pleased to facilitate student development.

Most recently, IGA grant awardees for 2006, **Anirban Basu** (ISU - \$500) and **Kristine Karuhn** (NIU - \$500) presented the results of their work at the Spring 2007 IGA meeting in Urbana. They had a warm reception and did very nice work!

IGA NEWS

2007 IGA DUES REMINDER

If you haven't already renewed your membership for 2007, please complete and mail your renewal information along with your registration fee to Danielle Wallin at the address below. IGA membership dues for 2007 are \$15 (student membership is \$5). Annual membership payments are due at the time of the spring meeting and membership is open to anyone interested in groundwater resources in Illinois. **Please make checks payable to the Illinois Groundwater Association.**

COST

Renew Membership	\$15	Name: _____
New Membership	\$15	Position: _____
Student	\$5	Employer: _____
		Address: _____

		Phone: _____ Fax: _____
		E-mail: _____

Clip this form & mail with dues to:

[Danielle Wallin](#), IGA Secretary
Farnsworth Group, Inc.
860 Unit D Center Court
Shorewood, IL 60404
(815) 744-6940 phone
(815) 744-6965 fax

IGA FALL 2007 MEETING – CEUs FOR ATTENDEES

Continuing education units (CEUs) are required for many Illinois licensed professionals. The IGA's fall meeting agenda has been approved by the Illinois Department of Public Health (IDPH) for the annual three hour training requirements for local health department water program personnel ('sanitarians') as specified in the Local Health Department Grant Protection Rules, Section 615.320 (c) 2. Sanitarians can have one of the IGA's officers sign their program agenda as proof of attendance. The IGA will submit a list of attendees to Jerry Dalsin of the IDPH.

Other professions also can use the IGA meetings for CEUs. For instance, Illinois Professional Engineers (PEs) can also get CEUs by attending the IGA's meetings. Prior approval of the program by an Illinois official is not required. An Illinois PE can get proof of their attendance of the fall IGA conference by getting their program signed by an IGA officer.

IGA NEWS

Two proposals for modification of IGA by-laws and constitution (published in the [spring 2007 IGA newsletter](#)) were overwhelmingly approved by members attending the spring meeting on March 28, 2007. A summary of the approved proposals and the original justifications are below.

ISSUE 1: Dues Increase (APPROVED)

The IGA Executive Committee proposed to revise Article 1 of the IGA By-Laws to 1) increase dues for professional members from \$15/yr to \$25/yr effective January 1, 2008 and 2) recognize that professional and student members pay different dues. **The proposal was approved by a majority of the membership at the meeting**, and Article 1 of the By-Laws was revised in its entirety to state: "Effective January 1, 2008, annual dues for professional members are \$25.00. Annual student dues are \$5.00. Dues may be altered, as needed, during a regular or special meeting of the Association."

Justifications:

1. Annual dues for professional members have remained at \$15/yr since 1995, while the costs of conducting association business have increased.
2. A dues increase of \$10/yr is projected to provide an additional \$600 to \$900 annually for use in support of IGA programs. The additional funds would be applied toward an IGA educational or charitable priority. One priority could be decreasing student meeting registration fees to encourage greater student attendance.
3. A dues increase would generally increase IGA's ability to continue funding student research at the current rate of 2-3 grants per year up to \$500 each. Because the IGA seeks to advance groundwater knowledge, supporting research and training for future hydrogeologists is a priority. IGA grants are critical to the students who receive them. The IGA has distributed over \$9400 in grant moneys since 1987. (Editor's note: The current total is \$11,995.)
4. The By-Laws should be consistent with the business practices of the IGA and clearly state the current professional and student member dues rates.

ISSUE 2: Removal of Term Limits for Secretary and Treasurer Offices (APPROVED)

The IGA Executive Committee proposed to revise Article 5, Section 3 of the IGA Constitution to remove the term limits for the Secretary and Treasurer Offices. **The proposal was approved by two-thirds of the membership at the meeting**, and Article 5, Section 3 was revised as follows: "The Secretary and Treasurer shall be eligible to serve ~~not more than four consecutive~~ an unlimited number of one-year terms of office provided their duties are performed to the satisfaction of the Chair and they are elected each year pursuant to the By-Laws."

Justifications:

1. The Secretary and Treasurer are integral parts of the IGA Executive Committee. There is currently a limitation on these officers serving more than four years in the same capacity. It is desirable, assuming continued effective performance of the officers, that they be allowed to serve more than four years.
2. Allowing the Secretary and Treasurer to serve an unlimited number of one-year terms allows the IGA to benefit from the "institutional" knowledge of those officers. If the officer is unnecessarily forced out of office, the IGA loses a productive volunteer and is required to train a replacement.

IGA OFFICER CANDIDATES FOR 2008

CANDIDATE FOR CHAIR: **MR. DANIEL HORVATH** is the president of Resource Consulting, Inc., an environmental consulting firm located in Geneva, Illinois. His work as an environmental consultant and hydrogeologist has focused on soil and groundwater contamination issues including the characterization and remediation of petroleum and solvent releases and the regulatory issues related to them. Other specialties include water resource assessments, the role of groundwater in drainage issues, and hydrologic evaluations of small ponds and streams. Dan received his B.S. in Geology from the University of Wisconsin-Madison in 1989 and has continued his education at Northern Illinois University Department of Geology and Environmental Geosciences through its Environmental Geosciences Certificate and M.S. programs. Dan is also the Chairman of the Northeastern Illinois Regional Groundwater Protection Planning Committee, which is mandated by the Illinois Groundwater Protection Act to identify, monitor, and educate the public about groundwater protection issues in northeastern Illinois.

CANDIDATE FOR VICE-CHAIR: **DR. MELISSA LENCZEWSKI** is an Associate Professor of Contaminant Hydrogeology in the Department of Geology and Environmental Geosciences at Northern Illinois University. She obtained her B.S. in microbiology from University of Arizona and stayed there to receive her M.S. in soils, water and environmental science. After working in industry for four years, she returned to graduate school for her Ph.D. at the University of Tennessee. Currently her research focuses on fate and transport of organic contaminants (BTEX, MTBE, TCE, pharmaceuticals, etc.) in fine-grained materials.

CANDIDATE FOR DIRECTOR: **MS. DANIELLE WALLIN** has a B.S. degree in geology from Eastern Illinois University (1999) and an M.S. degree in geology from Northern Arizona University (2001). She currently is employed as an Engineer Intern II with Farnsworth Group, Inc. in Shorewood, Illinois where she specializes in water supply and resource evaluation, well design, environmental assessments, environmental remediation, hydrology, permitting and project management.

CANDIDATE FOR SECRETARY: **MS. DIANE LAMB** is currently working as a hydrogeologist with Andrews Engineering, an environmental engineering firm in Springfield. Responsibilities include geologic/hydrogeologic fieldwork and report writing for landfill and RCRA sites, environmental sampling/reporting for IDOT projects, and BTEX/MTBE soil remediation projects. She has a B.S. in Geology (2002) and an M.S. in Hydrogeology (2004) from Illinois State University. Masters work, with Bloomington Water Treatment Plant, involved shallow nitrate cycling, for which she gratefully received an IGA student grant. Diane worked ten years for IDOT in Peoria and had children before returning to college. Involvement in community groups has allowed experience holding various offices, from president and vice president of a local ethnic/philanthropic group, treasurer of Student Association for the Environment at Illinois Central College, to secretary of ISU's Geology Club.

CANDIDATE FOR TREASURER: **DR. STEVE BENNETT** received his B.S. (1988) in Geology from the University of Northern Iowa and both his M.S. (1990) and Ph.D. (1994) in Geology from Indiana University. Dr. Bennett joined the Western Illinois University faculty in 1994 and is an Associate Professor in the Department of Geology. He teaches courses in introductory physical geology, environmental studies, oceanography, hydrogeology, and geological field methods. Dr. Bennett is formerly a Director and Chair of the IGA and has served as its Treasurer since 2003.

CANDIDATE FOR STUDENT DIRECTOR: **MS. JOYCE HARRIS** received her B.S. in Geology/Environment & Natural Resources from the University of Wyoming (2003). She then went to work for an environmental consulting firm as a compliance officer and later as a field geologist in the hydrogeology department, serving coal bed methane operators in the Powder River Basin, Wyoming. In August of 2006 she returned to Illinois and is currently pursuing her M.S. in Hydrogeology from Illinois State University.

Illinois Groundwater Association

BALLOT FOR THE ELECTION OF 2007 OFFICERS

- Chair** () **Mr. Daniel Horvath**
Resource Consulting, Inc.
Geneva, Illinois
() _____
- Vice-Chair** () **Dr. Melissa Lenczewski**
Northern Illinois University
DeKalb, Illinois
() _____
- Director** () **Ms. Danielle Wallin**
Farnsworth Group, Inc.
Shorewood, Illinois
() _____
- Secretary** () **Ms. Diane Lamb**
Andrews Engineering, Inc.
Springfield, Illinois
() _____
- Treasurer** () **Dr. Steven Bennett**
Western Illinois University
Macomb, Illinois
() _____
- Student
Director** () **Ms. Joyce Harris**
Illinois State University
Normal, IL 61790
() _____

Instructions: Place an "x" in the box opposite to the candidate of your choice. If you prefer to vote for a candidate not listed, write the name and business affiliation of the candidate of your choice in the space provided and mark with an "x". Write-in candidates must be members of the IGA. Mail or e-mail the completed ballot to

Danielle Wallin, IGA Secretary
Farnsworth Group, Inc.
860 Unit D Center Court
Shorewood, IL 60404
(815) 744-6940 phone; (815) 744-6965 fax
dwallin@f-w.com

AGENCY UPDATE

USEPA REGION 5 CLEAN WATER SUMMIT

The U.S. Environmental Protection Agency (Region 5) will hold a [Clean Water Partnership Summit](#) on September 5th through 6th, 2007 in Cincinnati, Ohio. This partnership engages the environmental industry and government agencies in advancing water-related technologies for sustainability, drinking water, homeland security, and ecosystems. More information is available at the [partnership web site](#).

ILLINOIS EPA ASSEMBLES INFORMATION ON TRITIUM IN GROUNDWATER

Illinois EPA is aware of tritium leaking into groundwater from spills at several nuclear power generating plants in the state - at Byron, Dresden and Braidwood. In an effort to keep citizens well informed, the Illinois EPA has [posted links](#) for fact sheets, news releases, and other Illinois EPA documents, as well as, provided links to web sites regarding tritium.

ILLINOIS EPA DRINKING WATER WATCH

The Illinois EPA's [Drinking Water Watch](#) provides online water quality data for Illinois communities. These data can be used by residents and nearby private well owners to evaluate potential contamination threats. Each community is required to provide community water supply users with a Consumer Confidence Report, and this tool increases the accessibility of these critical data to the public.

ILLINOIS EPA PUBLIC WATER SUPPLY COMPLIANCE REPORT



The Illinois EPA is required to submit data to the USEPA on the levels of regulated contaminants in public water supplies. The [Annual Compliance Report for Public Water Supplies](#) for Illinois communities in 2006 has just been published. This report includes data such as Maximum Contaminant Level violations, disinfectant levels, monitoring and treatment violations, and enforcement activities related to violations. Reports from previous years are also available at the link above.

ISGS WELL DATA AVAILABLE ONLINE

The Illinois State Geological Survey has over 275,000 Illinois water well and well records on line. These data have traditionally only been available by contacting the Geological Records Unit of the ISGS during regular business hours, but now this information can be accessed at any time through the [Illinois Water Well Internet Map Service](#). Instructions for accessing the database and license agreements are at the web site above.

AGENCY UPDATE

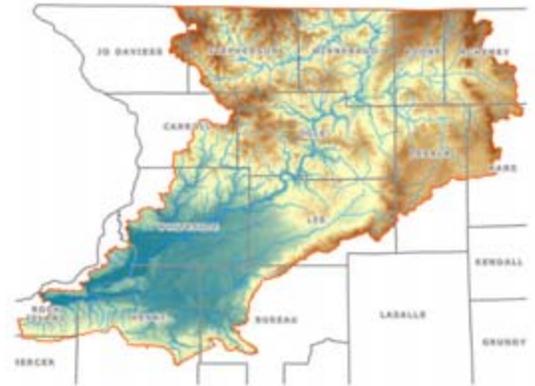
ISGS FIELD TRIP TO PERE MARQUETTE STATE PARK



The ISGS is sponsoring [field trips to Pere Marquette State Park](#) in Jersey County, Illinois on September 22 and October 20, 2007. The field trips are designed to acquaint you with the geology, landscape, mineral resources, and biodiversity of a different part of the state. There will be frequent stops to give you time to explore a special area, to talk with geologists and other experts, collect rocks, minerals, and fossils, or simply to admire the view.

IEPA ROCK RIVER BASIN ASSESSMENT

The Illinois EPA has completed the [Rock River Basin Assessment](#) report (*Note: this is a 30Mb file*), which provides information about the water resources of the basin - such as levels of and causes of river impairment. This report can be used by local planning groups and for development of watershed implementation plans. It is a pilot for assessments that are planned for all 16 major river systems in Illinois, as was recommended by the 2004 document [The Framework For A Basinwide Planning and Protection Pilot](#).



KANE COUNTY WATER SUPPLY WORKSHOP

On September 20, 2007, a workshop on water supply planning and management will be held from 8:00 to 2:45 at the Q Center in St. Charles, Illinois. The workshop is titled, "Implementing a Sustainable Water Supply for Kane County's Future" and is being coordinated by Kane County government. The agenda includes:

- Karen McConnaughay, Chair, Kane County Board
- Phil Bus, Executive Director, Kane County Development and Resource Management Department
- Paul Schuch, Director, Kane County Water Resources Division
- Dr. Richard Palmer, Professor, University of Washington (Keynote Speaker)
- Jack Wittman, President, Wittman Hydro Planning

The morning session will include exhibits and presentations by staff from the Illinois State Water Survey and Illinois State Geological Survey about the Water Resources Investigations for Kane County which are drawing to a close. Afternoon sessions include creating a shared vision and plan for implementation. **The workshop cost is \$20 and registrations must be received by September 10. Call the Kane County Development Department at (630) 444-3016 for a registration form or register online at www.co.kane.il.us/priority_places.**

Fall 2007 IGA Meeting on October 4 at Northern Illinois University-Naperville

The fall IGA meeting will be held at the [Northern Illinois University campus in Naperville, Illinois](#) on Thursday, October 4th, 2007. On-site registration with coffee and rolls begins at 8:30 a.m. and the technical program will begin at 9:00 a.m.

Meeting Agenda

The provisional agenda is on page 13 of this newsletter. We've scheduled several breaks to provide time for discussions with your colleagues and encourage discussions of the presentations

Location Information

NIU-Naperville is located in the western Chicago suburb of Naperville, Illinois near I-88. To get to the campus from I-88, exit Naperville Road south. Turn right onto Diehl Road. Turn left on Centre Point Circle and then left into the NIU parking lot. Parking is free and no permits are needed. Additional information about this regional NIU campus is available at the [NIU web site](#).

Additional Information:

A pre-meeting continental breakfast will be provided. Lunch and afternoon refreshments will be catered and are included in the cost of the conference. If you have any special dietary needs please contact the IGA at least three days in advance of the meeting. The [official Naperville visitors' web site](#) has a complete listing of hotels.

Please share this announcement with your colleagues. We would love to see them at the meeting, too!

Send in registration forms (on the following page) via snail mail or e-mail to:

[Danielle Wallin](#), IGA Secretary

Farnsworth Group, Inc.
860 Unit D Center Court
Shorewood, IL 60404
(815) 744-6940 phone
(815) 744-6965 fax
dwallin@f-w.com

Fall 2007 Illinois Groundwater Association Newsletter

MEETING REGISTRATION

Please return a form for each person attending. Registration includes a continental breakfast, a catered lunch and afternoon refreshments. **If you aren't a member yet, become one for only \$15 and save \$20 on meeting registration!** To qualify for early registration, send this information to [Danielle Wallin](#) by Friday September 28th, 2007 by mail, e-mail, or fax (see information below). Make checks payable to the Illinois Groundwater Association if registering by mail, or pay at the conference if registering by email or fax. Early registration is encouraged.

<i>Early Registration</i> <i>(received by 9/28/2007)</i>	
Member:	\$55.00
Non-Member:	\$75.00
Student:	\$25.00
<i>Late Registration</i>	
Late Member	\$65.00
Late Non-Member	\$85.00
Late-Student	\$25.00

Contact Information

Name: _____
 Position: _____
 Employer: _____
 Address: _____

 Phone: _____ Fax: _____
 E-mail: _____

IGA MEMBERSHIP

Annual dues are \$15.00 and membership is available to anyone interested in the groundwater resources of Illinois. Dues for each calendar year are payable at the time of the spring meeting. Send this information to Danielle Wallin (see information below). Please make checks payable to the Illinois Groundwater Association.

<i>Membership Dues</i>	
Renewal or	\$15.00
New Member:	
Student:	\$5.00
Send registrations and memberships to: Danielle Wallin Farnsworth Group, Inc. 860 Unit D Center Court Shorewood, IL 60404 (815) 744-6940 phone (815) 744-6965 fax dwallin@f-w.com	

Contact Information

(if same as above, check here)

Name: _____
 Position: _____
 Employer: _____
 Address: _____

 Phone: _____ Phone: _____
 E-mail: _____

Fall 2007 Illinois Groundwater Association Newsletter

Provisional Agenda

Illinois Groundwater Association

Fall 2007 Meeting

October 4, 2007

Northern Illinois University-Naperville, Naperville, Illinois

- 8:30-9:00 Registration
- 9:00-9:30 **Don Keefer, IGA Chair**, *Illinois State Geological Survey*, Opening Remarks
- Morning Session**
- 9:30-10:00 **Doug Cherkauer**, *University of Wisconsin-Milwaukee*, Potable Water Supply Quantity Issues Facing Southeastern Wisconsin
- 10:00-10:30 **Rick Cobb**, *Illinois Environmental Protection Agency*, Demonstration of Illinois EPA Source Water Assessment Program On-Line Interactive Database
- 10:30 - 10:45 **Break**
- 10:45-11:15 **Lisa Rauh**, *Northern Illinois University*, Results of a Hydrologic Investigation in Plano, Illinois
- 11:15 - 11:45 **Tim Grundl**, *University of Wisconsin-Milwaukee*, Water Quality in the Cambrian-Ordovician Sandstone Aquifer with Emphasis on Radioactivity and Salinity
- 11:45 - 1:00 **LUNCH (provided)**
- Afternoon Session**
- 1:00 - 1:30 **Ed Mehnert**, *Illinois State Geological Survey*, Analytical Element Modeling of Blackberry Creek, Kane County, Illinois
- 1:30 - 2:00 **Ken Bradbury**, *Wisconsin Geological & Natural History Survey*, Finite-Difference Modeling of the Regional Aquifer System Below Southeastern Wisconsin
- 2:00 - 2:30 **Brandon Curry**, *Illinois State Geological Survey*, Origin and Evolution of Illinois' Longest Caves: An Integrated Approach to Interpreting the Geologic and Paleoclimatic Records
- 2:30 - 3:00 **Break**
- 3:00 - 3:30 **Randy Locke**, *Illinois State Water Survey*, Geochemistry of Lake in the Hills Fen Nature Preserve and Responses to Aggregate Mine Reclamation
- 3:30 - 4:00 IGA Announcements, Agency/Survey Reports, Open Microphone
- 4:00 - 4:15 **Don Keefer**, Closing Remarks
- 4:15 - 4:30 IGA Executive Committee Meeting
- 4:30 **Adjourn**