



# SWIM

## 20<sup>th</sup> Salt Water Intrusion Meeting

June 23-27, 2008

Naples Beach  
Hotel & Golf Club

Naples, Florida, USA



[www.conference.ifas.ufl.edu/SWIM](http://www.conference.ifas.ufl.edu/SWIM)



# Conference Overview & Purpose

In keeping with 40 years of the SWIM tradition, the Florida meeting will consist of an informal environment where students and those new to the field can meet established and well-known salt water intrusion scientists and engineers. A workshop on salt water intrusion modeling will also be offered. Southern Florida has a lot to offer to SWIM participants including field trips to the Everglades, Florida Keys, and locations of some of the first field studies of salt water intrusion. This is the first time the meeting will be held outside of Europe. The previous meeting in Cagliari, Italy, 2006 was a combined meeting of SWIM and SWICA. There it was agreed to combine the two organizations under the SWIM name and that SWIM would be held outside Europe every second meeting. The venue of the 2010 SWIM meeting is planned to be Portugal.

## PURPOSE

The purpose of the 20th Salt Water Intrusion Meeting is to provide a forum for scientists, engineers, water resource managers, and planners to share their research, ideas, and recommendations. This conference provides a unique opportunity to meet well-known and respected scientists and engineers in the field of salt water intrusion. Conference participants will have the opportunity to receive feedback on their research and management issues and to form collaborative relationships with those encountering similar problems.

Additional information on SWIM can be found at: [www.swim-site.org/](http://www.swim-site.org/)

Additional information on SWICA can be found at: <http://www.olemiss.edu/sciencenet/saltnet/conf-swica.html>

## Who Should Attend?

The conference is designed to bring together scientists, engineers, water resource managers, and policy makers who are actively involved in and/or affected by salt water intrusion, management of coastal aquifers, and submarine groundwater discharge. This includes those studying the marine environment as well as those from the terrestrial side. Participants from academia, private consulting firms, local, state, and national government agencies will interact in an informal and relaxed environment to summarize and review state-of-the-art methods for investigating salt water intrusion.

## BENEFITS OF ATTENDING

Participants should expect a meaningful experience that fosters:

- development of new ideas and directions for future work.
- an up-to-date understanding on the issues related to salt water intrusion.
- the opportunity to form new collaborative relationships and to renew existing ones.
- new strategies for monitoring, simulating, and managing salt water intrusion

## Call for Papers

Individuals conducting research on all aspects related to Salt Water Intrusion are strongly encouraged to submit a paper (no more than four pages in length) representing an oral or poster presentation. The Scientific Committee will select oral presentations for the Salt Water Intrusion Meeting from submitted papers based on relationship to conference topics. Those not selected for oral presentation are encouraged to present their work in poster format. ALL papers, both oral and poster, will be published in the book

of papers and will also be posted on the Conference website following the meeting.

Papers must be submitted ONLINE via this web site no later than February 1, 2008. The organizing committee will be reviewing all paper submissions and will contact you by March 3, 2008 with a decision regarding your presentation status and comments on your paper. The revised and final paper will be due no later than April 8, 2008.

## OPTIONAL PRE-CONFERENCE SHORT COURSE

### Variable Density Modeling and Hydrogeochemical Analysis of Seawater Intrusion

Friday, June 20 – Sunday, June 22, 2008

**COURSE OBJECTIVE:** Traditionally, variable density flow modeling and hydrochemical analysis in coastal areas were separate disciplines. Over the past few years, however, these two fields have become increasingly integrated and coupled codes have been developed that simulate both solute transport under variable-density conditions and chemical reactions. To keep up to date with the latest developments and effectively apply the latest generation of codes requires more and more skills from

hydrogeologists working in coastal areas. The aim of this short course is therefore to become familiar with the basic concepts of both disciplines. The course will be taught by five experts in the field.

**WHO SHOULD ATTEND:** Practitioners, graduate students and experts in either variable density modeling or hydrogeochemical analysis.

See *SWIM web site* for additional information.

# Registration Information

The registration fee provides full participation in the conference, conference materials, an abstract book, the Sunday evening early bird social, the Monday evening welcome reception, daily continental breakfast and mid-morning/afternoon refreshments (Wednesday excluded), the Tuesday evening poster session social, the daily lunches (Monday, Tuesday, Thursday and Friday), and the Thursday evening poster session social. The guest registration fee includes two lunches and the evening receptions.

*NOTE: The guest room block and group rate negotiated with the hotel includes costs incurred to provide us with the large quantity of meeting space required for our meetings. If we do not occupy a sufficient amount of guest rooms throughout the meeting, we will incur additional costs for meeting room rental charges. Therefore, we encourage all meeting participants to stay in the host hotel. Consequently, guests not staying at the Naples Beach Hotel during the conference will be charged a \$100 facilities fee to cover their portion of meeting room rental charges incurred.*

## Pre-Conference Short Course

**"Variable Density Modeling and Hydrogeochemical Analysis of Seawater Intrusion"**  
June 20-22, 2008 | Limited Space | Register by April 1, 2008

Pre-Con Short Course (Professional)	\$ 750.00
Pre-Con Short Course (Student)	\$ 250.00

## Meeting Attendees

<b>Early Registrant Fee</b> (Received on or before March 7, 2008)	\$395.00
<b>Regular Registrant Fee</b> (Received by April 1, 2008)	\$495.00
<b>Late Registrant Fee</b> (Received after April 1, 2008)	\$595.00

## Student Attendees

<b>Early Student Fee</b> (Received on or before March 7, 2008)	\$150.00
<b>Regular Student Fee</b> (Received by April 1, 2008)	\$195.00
<b>Late Student Fee</b> (Received after April 1, 2008)	\$240.00

## Guest Attendees

<b>Early Guest Fee</b> (Received on or before March 7, 2008)	\$125.00
<b>Regular Guest Fee</b> (Received by April 1, 2008)	\$150.00
<b>Late Guest Fee</b> (Received after April 1, 2008)	\$175.00

## Field Trip

Optional Field Trip to the Everglades (Wednesday, June 25)	\$ 75.00
Field Trip Fee: This fee includes lunch, transportation and entrance to the Everglades National Park.	

**Refund Policy:** Requests for refunds will be honored if a written notification of cancellation is received by the Office of Conferences & Institutes IFAS, University of Florida by Monday, **April 28, 2008**. A processing fee of \$75.00 will be deducted from all conference registration refunds. A processing fee of \$50.00 will be deducted from all guest fees. No refunds will be honored for cancellations after Monday, April 28, 2008.

**Refund Policy for Optional Pre-Conference Short Course:** Requests for registration refunds will be honored if written notice of cancellation is received by the Office of Conferences and Institutes on or before **Friday, April 4, 2008**. A \$75.00 processing fee will be deducted from all student refunds and a \$150 processing fee will be deducted from all regular attendee refunds. No refunds will be honored for cancellations after Friday, April 4, 2008.

# Tentative Agenda

## SUNDAY, JUNE 22, 2008

6:00pm-8:00pm	Early Bird Social & Poster I setup, Registration Open
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## MONDAY, JUNE 23, 2008

7:00am-5:00pm	Registration Open
7:30am-8:30am	Morning Refreshments
8:30am-10:00am	General Session I
10:00am-10:30am	Refreshment Break
10:30am-12:00pm	General Session II
12:00pm-1:00pm	Lunch provided
1:00pm-2:30pm	General Session III
2:30pm-3:00pm	Refreshment Break
3:00pm-5:00pm	General Session IV
5:00pm-7:00pm	Welcome Reception

## TUESDAY, JUNE 24, 2008

7:00am-5:00pm	Registration Open
7:30am-8:30am	Morning Refreshments
8:30am-10:00am	General Session V
10:00am-10:30am	Refreshment Break
10:30am-12:00pm	General Session VI
12:00pm-1:00pm	Lunch provided
1:00pm-2:30pm	General session
2:30pm-3:00pm	Refreshment Break
3:00pm-5:00pm	General Session VII
5:00pm-7:00pm	Poster Presentations I & Social

## WEDNESDAY, JUNE 25, 2008

7:00am-4:00pm	Optional Field Trip to Everglades
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## THURSDAY, JUNE 26, 2008

7:00am-5:00pm	Registration Open
7:30am-8:30am	Morning Refreshments
8:30am-10:00am	General Session VIII
10:00am-10:30am	Refreshment Break
10:30am-12:00pm	General Session IX
12:00pm-1:00pm	Lunch provided
1:00pm-2:30pm	General Session X
2:30pm-3:00pm	Refreshment Break
3:00pm-5:00pm	Planning Meeting for Next SWIM
5:00pm-7:00pm	Poster Presentations II & Social

## FRIDAY, JUNE 27, 2008

7:00am-12:00pm	Registration Open
7:30am-8:30am	Morning Refreshments
8:30am-10:00am	General Session XI
10:00am-10:30am	Refreshment Break
10:30am-12:00pm	General Session XII
12:00pm-1:00pm	Lunch provided
1:00pm-3:00pm	General Session XIII
3:00pm	Conference Concludes

# Meeting Location

## THE NAPLES BEACH HOTEL & GOLF CLUB

851 Gulf Shore Blvd. North  
Naples, Florida 34102  
Phone: 1-239-261-2222  
Fax: 1-239-261-8019  
[www.naplesbeachhotel.com](http://www.naplesbeachhotel.com)

The meeting will be held at The Naples Beach Hotel and Golf Club, one of southwest Florida's most prestigious conference facilities. The Hotel also boasts its own 18-hole championship golf course, tennis courts, large free form pool, and many activities for the enjoyment of everyone in the family.

The Naples Beach Hotel & Golf Club is offering participants of the Salt Water Intrusion Meeting, **a very special guest room rate of \$125.00** (plus 10 % tax) up to four people in a room. The group rate will be honored three days prior and three days following the conference, based on availability. Please note that a service charge of \$3.50 per person, per day will be added as gratuities for guest service personnel. To qualify for the special rate, reservations must be made by **May 7, 2008**. Be sure to specify you are attending the Salt Water Intrusion Meeting. After May 7, 2008, guestrooms and the group rate may no longer be available. As this is a discounted group rate, it is not commissionable to travel agents.

**NOTE:** The guest room block and group rate that has been negotiated with the hotel includes costs incurred to provide us with the large quantity of meeting space we require for our meetings. If we do not occupy a sufficient amount of guest rooms throughout the meeting, we will incur additional costs for meeting room rental charges. Therefore, we encourage all meeting participants to stay in the host hotel. Consequently, guests not staying at the Naples Beach Hotel during the conference will be charged a \$100 facilities fee to cover their portion of meeting room rental charges incurred.

Please contact the hotel directly by telephone at 1-800-237-7600 (within the U.S.) / 1-239-261-2222 (outside the U.S.). You may also book online through The Naples Beach Hotel & Golf Club website: [www.naplesbeachhotel.com](http://www.naplesbeachhotel.com)

**SPECIAL INSTRUCTIONS:** A first night's room deposit must be made with a credit card to ensure confirmation of your hotel reservation. For any reservations that "no show", this deposit will be forfeited. Room deposits will be considered non-refundable if canceled within eight (8) days of your arrival date.

Please visit the Naples Beach Hotel & Golf Club web site: [www.naplesbeachhotel.com](http://www.naplesbeachhotel.com) to learn about the hotel's special features including golfing, tennis, complimentary valet parking and much more!

# Organizing Committee Members

## Christian Langevin

U.S. Geological Survey  
Fort Lauderdale, Florida

## Mark Bakker

Delft University  
of Technology and KIWA  
Delft, the Netherlands

## Luc Lebbe

Ghent University  
Ghent, Belgium

## Cliff Voss

U.S. Geological Survey  
Washington, D.C.

# Contact Information

## PROGRAM INFORMATION

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## MEETING INFORMATION

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