

***International Environmental Forensics Conference 2008***  
***Qingdao, China***  
***May 27<sup>th</sup> – 30, 2008***

Organizers: Professional Committee on Marine Survey of Chinese Society of Oceanography  
North China Sea Environmental Monitoring Center of State Oceanic Administration  
Key Laboratory of Marine Spill Oil Identification and Damage Assessment  
Technology, SOA

Co-sponsors: International Society of Environmental Forensics (*ISEF*)  
Chinese Society of Oceanography  
Qingdao Association for Science and Technology

Purpose: To promote the development of the Environmental Forensics Science in China and other countries worldwide; and to disseminate research results between environmental forensic scientists, in the Environmental Forensic Science among scientists, technologists, and environmental enforcement officers, thereby fostering research and a greater understanding of development of environmental forensics with the goal of science, reducing environmental contamination, improving the quality of local and global environments and the improving the material well-being of their people.

Theme: The theme of the International Environmental Forensics Conference includes a broad consideration of environmental contamination methods for petroleum hydrocarbon releases and other contaminants into the environment. Environmental forensic topics for which abstracts will be considered include the following subjects:



- Marine Survey and Investigation
- Spill Oil Fingerprinting and Source Identification
- Risk Assessment and Environmental Impact Related to Petroleum Activities
- Environmental Litigation and Law
- Polycyclic Aromatic Hydrocarbons (PAH's)
- Persistent Organic Pollutants
- PCBs and Dioxins
- Endocrine Disruptors
- Chlorinated Solvents
- Use of Environmental Forensics in Litigation
- Biological Markers in Terrestrial and Marine Environments
- Forensic Sampling Techniques in Terrestrial and Marine Environments (water, sediments and biological)
- Contaminant Transport Modeling (surface water, groundwater, soil, air and marine environments)

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- Comprehensive GC x GC
- Enforcement of Environmental Laws
- Visualization of Environmental Data
- Forensic Statistics (PCA, PVA, etc)
- Quality Assurance and Quality Control of Analytical Data
- International Reference Materials, Standards, and New Directives (USA, Canada, EU, and Other Countries)
- Harmonized Standards for TPH in Soils
- Creating and Managing Environmental Forensic Data with GIS Software
- Applications of Forensic Techniques: Case Studies
- Applications of Forensic Techniques in Organic and Inorganic Contaminant Investigations
- Microbiological Applications in Environmental Forensic Investigations
- Contaminated Land Characterization and Remediation
- Application of Contaminant Transport Modeling in Environmental Forensics
- Uses of Remote Sensing and Aerial Photography in Forensic Investigations
- Groundwater Contamination and Characterization
- Receptor Modeling to Identify Air Pollution Sources

Date May 27-30<sup>th</sup>, 2008. (Tuesday, Wednesday, Thursday, Friday)

Location Qingdao City, China. Qingdao is one of China's most attractive cities, integrating modern cityscapes with old European-styled architectures in a beautiful coastal setting on the mountain slopes and by the seashore. Qingdao has a long history with human settlement dating back 6,000 years. Qingdao is China's marine scientific center with many research facilities and universities including Ocean University of China and the Institute of Oceanology. Qingdao is also the host city of the 29th Olympic Sailing Regatta in 2008.



For more details, visit the following websites:

<http://www.cso.org.cn>

<http://www.ncsb.gov.cn>

<http://www.china.org.cn/english/travel/119660.htm> and

[www.orientaltravel.com/China/Qingdao.htm](http://www.orientaltravel.com/China/Qingdao.htm))

Tel: +86 (532) 8564-8756; 86-13553096201

Fax: +86 (532) 8562 8344

Expected Attendance 150-200 people

Conference Language English

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**Registration Fee** The registration fee is \$300/person. Each registrant will (1) receive breakfasts, lunches and dinners and a conference banquet during the 3 conference days; (2) receive conference materials including Conference Abstract Book, Conference Proceedings; (3) ~ half-day city touring. Students attending the conference will receive a 50% discount or \$150/person.

**Optional:** The publisher *Elsevier Publishing Company* will provide two environmental forensic books with special prices for the conference registrants: (1) “*Oil Spill Environmental Forensics: Fingerprinting and Source Identification (17 chapters, 600 pages, Eds., Zhendi Wang and S. A. Stout)*”, published in January 2007 by Elsevier; (2) “*Environmental Forensics: Contaminant Specific Guide (18 chapters, 600 pages, Eds., R. Morrison and B. Murphy)*”, published in October 2006; (3) A complimentary one-year subscription to *Journal of Environmental Forensics* is available at a reduced price (at \$35/1<sup>st</sup> year).

Indicate in the registration form whether you are interested in buying these books or subscribing to the *Journal of Environmental Forensics*. For further registration information, please contact Dr. Peiyan Sun at sunpeiyan@vip.163.com

**Duration** 4 Days (Tuesday, Wednesday, Thursday, Friday)

**Meals** Breakfast, lunch and dinner provided to all registrants.

### **Conference Format**

8:30 am - 12:00 am, Plenary Sessions  
12:00 am - 1:30 pm, Lunch  
1:30 pm - 5:00 pm, Workshops  
8:30 am - 5:00 pm, Poster Sessions (2 days) and Exhibitor Booths (3 days)

### **May 27, 2008 Registration**

#### **Day One (May 28, 2008)**

Morning **International Forum Opening Ceremony**  
(*International Forum on Oceanic Science./Technology. and Economic Development*)

Afternoon **International Environmental Forensics Conference**  
1. Opening Ceremony  
2. Plenary Sessions

#### **Day Two (May 29, 2008)**

Morning Plenary Sessions (two concurrent sessions consisting of 45-minute presentations)  
Session 1: Marine Oil Spill and Marine Environment  
Session 2: Surface Water and Groundwater

Afternoon Workshops

Day Three (May 30, 2008)

- Morning            Plenary Sessions (two concurrent sessions consisting of 45-minute presentations)  
                         Session 1: Air and Biological  
                         Session 2: Soil and Sediment
- Afternoon        1. Workshops  
                         2. City Touring and Shopping

Workshops (Day 2 and Day 3 Afternoon)

A series of 2 to 4 concurrent workshops consisting of 2 hour presentations (20 minutes per presentation including question period). The purpose of the workshops is to provide a forum for detailed sharing of information on specific topics that are consistent with the plenary session topics (Day 2 workshops will deal with marine spill and surface water, etc). Workshops may consist of several speakers and is intended to be more interactive than the plenary sessions.

Exhibitor Booths            A maximum of 8 booths are available. Exhibitors whose products or services are related to environmental forensics will be contacted.

Exhibitor booths will be available for all 3 days of the conference. Booth space for the 3 days will cost \$600 (US) and will include 2 free registrations. A representative of the North Sea Environmental Monitoring Center of State Oceanic Administration will be designated to assist exhibitors with their booths.

Poster Session            A maximum of 80 papers accepted for the poster session will to be available for viewing for the entire three days of the conference. Authors attending the conference will be scheduled to be available for interactions at certain times.

Requested Funding        North Sea Environmental Monitoring Center of State Oceanic Administration will be the primary source and leader for acquiring funding. ISEF will solicit funds from private companies in the United States.

Special Issue of *Environmental Forensics Journal* and *International Journal of Environmental Analytical Chemistry*

Conference attendees are invited to submit papers for publication in a special issue of *Environmental Forensics Journal* and *International Journal of Environmental Analytical Chemistry*. Manuscripts should be written according to the guidelines of the Journals and submitted in electronic format to the Conference Secretariat during the meeting or sent by email to Guest Editors of the Journals. All peer-reviewed and accepted manuscripts will be published in a special issue(s) of the journals dedicated to the conference.

Conference Abstract Book and Proceedings

**Conference Abstract Book** will be printed in hard copy for distribution at the conference. **Conference Proceedings** will be printed in hard copy after the conference. North Sea Environmental Monitoring Center of State Oceanic Administration is responsible for

publishing these proceedings. ISEF will provide peer-review of all of the manuscripts and work with authors to insure a consistent format and manuscript quality.

Hotels:

Block reservations for the conference period with special prices will be made in a number of Qingdao hotels, including the Shangri-La Hotel (<http://www.shangri-la.com/en/property/qingdao/shangrila>) and the Fuxin Hotel.

Call for Papers

Abstracts for presentation will be accepted in electronic form and in English. Abstracts are to be no longer than 500 words in length and should include contact information for the author who will attend the conference and present the abstract. All presentations are to be in PowerPoint. Please send abstracts to the following individuals at the following email addresses:

Dr. Robert Morrison at [Robert.Morrison@dpra.com](mailto:Robert.Morrison@dpra.com)

Dr. Zhendi Wang at [zhendi.wang@ec.gc.ca](mailto:zhendi.wang@ec.gc.ca)

Dr. Peiyan Sun at [sunpeiyan@vip.163.com](mailto:sunpeiyan@vip.163.com)

Authors will be notified in January 2008 regarding the status of their abstract submission.

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