Announcement & Call for Abstracts

Southeast Asia Environmental Forensics Conference
September 19-21, 2005
National Taiwan University of Science & Technology
Taipei, Taiwan

Sponsored by the International Society of Environmental Forensics (ISEF), Taiwan Industrial Technology Research Institute (ITRI) and Taiwan EPA

General Conference Format

8:30 - 12:00 Plenary Sessions - 2 concurrent sessions consisting of 30-45 minute presentations
12:00 - 1:00 Lunch (included in conference registration)
1:00 - 5:00 Workshops - 2 concurrent workshops each day

Location
The conference will be held at:
National Taiwan University of Science & Technology (NTUST)
43, Keelung Road
Section 4
Taipei 106 Taiwan
Republic of China

Information on NTUST is found at http://www.ntust.edu.tw.

Conference Lodging
A block of rooms at the Howard Hotel, Taipei, Taiwan are being reserved at a special conference rate of $115 US. Participants are responsible for making their own travel arrangements and reservations. Contact information for the hotel is:
Southeast Asian Environmental Forensics Conference Announcement
National Taiwan University of Science & Technology
September 19-21, 2005
www.environmentalforensics.org

The Howard Plaza Hotel Taipei
160, Jen Ai Road, Section 3,
Taipei, Taiwan 106 Republic of China
TEL:00-886-2-2700-2323

Plenary Session Topics

The conference will be organized with the plenary presentations and workshops devoted to a different set of environmental forensic topics each day. The suggested topic focus for each day is as follows:

**Day One:** Air and Surface Water

**Day Two:** Marine Environments and Groundwater

**Day Three:** Soil and Sediments

Workshops

The purpose of the workshops is to provide a detailed sharing of information on specific topics that are consistent with the plenary session topics (e.g., Day One workshops will deal with air and surface water, etc). Workshops will be 4 hours long and may consist of several speakers. They are intended to be more interactive than the plenary sessions. **For questions regarding workshop topics and organization, please contact Dr. Robert Morrison at Robert.Morrison@DPRA.com or Dr. Zhendi Wang at Zhendi.wang@ec.gc.ca.**

Examples of suggested workshop topics are listed below.

- Forensic Statistics (PCA, PVA, etc)
- Marine Oil Spills
- Forensic Aerial Photographic
- Polyaromatic Hydrocarbons (PAH’s)
- Polychlorinated Biphenyls (PCB’s)
- Dioxins
- Endocrine Disruptors
- Biological Markers
- Comprehensive GC x GC
- Laser Ablation ICP-MS
- Visualization of Environmental Data
- Environmental Quality Assurance/Quality Control
- Harmonized Standards for Total Petroleum Hydrocarbons in Soil
- Creating and Managing Environmental Forensic
- Data Interpretation with Geographic Information System (GIS) Software
- Applications of Forensic Techniques: Case Studies
- Applications of Forensic Techniques in Lead Investigations
- Microbiological Applications in Environmental Forensic Investigations
- Contaminated Land Characterization and Remediation
Southeast Asian Environmental Forensics Conference Announcement
National Taiwan University of Science & Technology
September 19-21, 2005
www.environmentalforensics.org

- Application of Contaminant Transport Modeling in Environmental Forensics
- Groundwater Contamination and Characterization
- Receptor Modeling to Identify Air Pollution Sources

Conference Publications

A conference program and a manual containing abstracts of the plenary sessions and descriptions of the afternoon workshops will be distributed at the conference. After the conference, a special issue of Environmental Forensics, the official journal of the International Society of Environmental Forensics (ISEF), will be devoted to manuscripts presented at the conference. Manuscripts will be subject to the peer-review process.

Submission of Abstracts

We invite you to submit an abstract or to solicit abstracts for consideration. Abstract submissions should be one page containing:

- title
- maximum of 300 word narrative; and
- the name, degree, affiliation, complete address, telephone number and email address for each author (see Abstract Submission Guidelines)

Please follow the Abstract Submission Guidelines on the last page of this announcement for correct submission format. Indicate whether your abstract is to be considered for plenary session presentation or workshop proposal or either of these. Email submissions are welcome and encouraged. Contributors will be contact by June 15, 2005 concerning whether their abstracts have been accepted. Please send all email submissions to Dr. Zhendi Wang at Zhendi.Wang@ec.gc.ca or Dr. Robert Morrison at Robert.Morrison@DPRA.com.

Registration

Cost: $250 (US)

Registration fees will be collected on-site at the conference.

Registration fees are waived for Science Advisory Board members and speakers.

Deadline for Abstract Submission is May 1, 2005
An Overview Of Risk-Based Corrective Action (RBCA) For Petroleum Release Sites. John B. Gustafson and Curtis C. Stanley, Shell Development Company, Paul C. Johnson, Arizona State University, Dennis D. Rounds, South Dakota Petroleum Release Compensation Fund. Presently, most states require cleanup of soil and groundwater based on generic ARAR’s. Usually, little thought is given to site-specific factors which should be key in determining the appropriate level of cleanup. The use of generic ARAR’s also does little to help with effective site categorization and management. This issue is exemplified by the problems associated with many state TRUST funds and CERCLA (i.e., little effective prioritization, rapid fund depletion). Large amounts of money are being spent to cleanup sites which may pose little risk to human health or the environment. This is occurring because many agencies have nothing to base cleanups on other than ARAR’s which do not take beneficial use into account. For those states which are developing risk-based procedures, there appears to be little consistency of approach, with many of the requirements being overly conservative and difficult to implement. In response to needs expressed by regulatory agencies and industry, the American Society for Testing of Materials (ASTM) undertook the challenge to develop a standardized approach to risk-based corrective action (RBCA) for petroleum release sites. A diverse and balanced task group was established. This group was comprised of representatives from the USEPA, state regulatory agencies, state cleanup funds, environmental consulting firms, and petroleum, insurance, and banking industries. Recently, ASTM ES 38-94, “Guide for Risk-Based Corrective Action at Petroleum Release Sites” was approved as an ASTM Emergency Standard by the ASTM Committee on Standards. Since its formal approval (and even during the draft phase), this document has received considerable attention.

Author One: Curtis C. Stanley  
Presenting Author: Curtis Stanley  
Shell Development Company  
222 North Street  
Anywhere, NY, 01005  
Tel: 516-555-5555  
Fax: 516-555-5551  
email: author@xxx.ccc

Author Two, Three, etc.: Name  
Affiliation  
Street Address  
City, State, Zip Code  
Telephone #  
Fax #

For further information and abstract submission, please contact:
Robert Morrison, Ph.D.  
ISEF Education Coordinator  
100 East San Marcos Blvd.  
San Marcos, California 92069 USA  
1-760-752-8342  
1-760-752-8377 (FAX)  
Robert.Morrison@DPRA.com

Abstract submission deadline is May 1, 2005.

Faxed Abstracts WILL NOT BE accepted