

Identification and Assessment of Historical Subsurface Contamination:
An International Society of Environmental Forensics Workshop
Hilton, Milan, Italy
July 1-2, 2002

DAY ONE

8:00-8:30	Registration Coffee & Continental Breakfast
8:30-9:00	Welcome and Introduction <i>Paul T. KostECKi, Ph.D., AEHS, USA; and Claudio Viola, ENSR, Italy</i>
Session I:	Technologies for Historical Contaminant Identification and Age Dating
9:00-9:45	Overview of Historical Contaminant Identification (Forensics Techniques) <i>Robert D. Morrison, Ph.D., R. Morrison and Associates, USA</i>
10:00-10:45	Advanced Geochemical Techniques for Petroleum Hydrocarbon Source Identification and Age Dating <i>Hossein Alimi, Ph.D., Global Petroleum and Environmental Geochemistry, Germany/USA</i>
10:45-11:00	Break
11:00-12:00	Developments in the Use of Stable Carbon and Hydrogen Isotopes in Environmental Forensics <i>R. Paul Philp, Ph.D., D.Sc., University of Oklahoma, USA</i>
12:00-12:30	Comparison of Italian and Internationally Accepted Contaminant Transport Models for Source Identification <i>Andrea Guerini, Giovanni Longoni, ENSR, Italy</i>
12:30-2:30	Lunch
Session II:	Technologies for Contaminant Identification and Age Dating - Case Studies
2:30-3:15	Identification of Laboratory Biases in Analytical Data: How to Insure Scientific and Legally Defensible Test Results <i>Paolo Rossi Odello, Ph.D., Theolab, Italy</i>
3:15-4:00	Application of Soil Gas Investigations in Detecting Leaks in UST, AGST's and Continental Pipelines <i>Randy Golding, Ph.D., Tracer Research Corporation, Italy</i>
4:00-4:15	Break
4:15-5:00	Forensic Investigation of Mercury Contamination at an Ancient Industrial Facility in Italy <i>Rudi Ruggeri, ENSR, Italy</i>

5:00-6:00 **Impact of Chemical Diffusion, Volatilization and Biodegradation on the Interpretation of Analytical Data used for Contaminant Source Identification and Age Dating: Case Studies and Lessons Learned**
Jim Dragun, Ph.D., The Dragun Corporation, USA

6:00 Adjourn

DAY TWO

Milan Italy

Session III: Legal Perspectives

8:30-9:30 **Use of Historical Contaminant Identification (Environmental Forensics) for Cost Allocation in the United States**
Kevin C. Mayer, Esq., Steptoe and Johnson, LLP, USA

9:30-10:30 **Principles and Case Studies of Cost Allocation for Petroleum Contaminated Soil and Groundwater**
Daniel B. Stephens, R.G., Ph.D., Daniel B. Stephens and Associates, USA

10:30-10:45 Break

11:00-12:30 **Comparison of Italian and United States Environmental Legislation**
Marco Pecile, ENSR, Italy; and Kevin C. Mayer, Esq., Steptoe and Johnson, LLP, USA

12:30-2:30 Lunch

Session IV: Regulatory Perspective

2:30-3:00 **European Countries Legislation on Contaminated Sites and Associated Liabilities**
Francesca Quercia, ANPA, (National Environmental Protection Agency), Italy

3:00-3:30 **Italian Regulatory Perspective for Cost Allocation of Potentially Responsible Parties**
Sergio Sambri, Norton Rose, Italy

3:30-4:15 **National Survey of Contaminant Sites: Status and Perspectives in Region Lombardia and Piemonte.**
Roberto Canobio; Region Lombardia; Stefano Rigatelli, Region Piemonte, Italy

4:15-4:30 Break

Session V: Questions and Answer

4:30-5:30 **Panel Discussion on Historical Contaminant Identification (Environmental Forensic Techniques): Applications and Scientific and Legal Relevancy in the Real World**

Panel Discussion with International Representatives

6:00

Adjourn

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