



# First International Congress on Petroleum Contaminated Soils, Sediments, and Water



## Management of Oxygenated Fuels in Soil and Groundwater Wednesday August 15<sup>th</sup>, 2001 Afternoon Session, 2:30 pm – 7:00 pm

### Presenters:

Richard Sloan, Lyondell Chemical Company, Channelview, TX  
Michael Day, Applied Hydrology Associates, Inc., Denver, CO  
Richard Woodward, Sierra Environmental Services, Houston, TX  
James Thomson, Applied Hydrology Associates, Inc., Denver, CO

### Session Topics

The seven topics to be covered in the session, with names of presenters, are given below. Full titles for each topic follow:

Introduction – Dick Sloan

1. Site Assessment, Sampling, Analytical and QA/QC Issues – Richard Woodward
2. Fate and Transport – Michael Day
3. Remediation Criteria and Risk Assessment – Jim Thomson

Refreshment Break (15 mins)

4. Remedial Options – Richard Woodward
5. Source Definition and Control – Dick Sloan
6. Remedial Management – Dick Sloan
7. Monitored Natural Attenuation and Long-term Site Management – Jim Thomson

Panel Discussion (Question and Answer Period)

### Full Title for Session Topics

- 1) Performing Site Assessments at Petroleum Contaminated Sites – Protocols and QA/QC Issues.
- 2) The Fate and Transport of Oxygenates and Other Petroleum Constituents, and their Influence on Appropriate Remediation Management
- 3) Remediation Criteria and Risk Assessment Applied to Oxygenated Fuel Sites
- 4) Appropriate Remedial Technologies for Sites Contaminated with Oxygenated Fuels
- 5) Defining and Controlling Sources of Petroleum Contamination as a Component of Timely and Cost-Effective Remediation Management
- 6) Technology Sequencing and Remediation Management at Petroleum-Contaminated Sites
- 7) Monitored Natural Attenuation and Long-term Site Management at Oxygenated Fuel Sites