

## EIC Products & Services

- Environmental Assessments
- Environmental Remediation
- Environmental Audits
- Hazardous Waste Management
- ISO 14000 Audit Compliance
- Risk & Hazard Assessment
- Safety Products & Services
- Spill Prevention & Control
- Waste Minimization
- Water & Wastewater Treatment



*EIC's NET system-Practical , Cost Effective , Simple –yet delivers the best performance for remediating Petroleum Spills*



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**THE SUPREME COUNCIL FOR  
THE ENVIRONMENT & NATURAL RESERVES**  
Doha, QATAR

**Presents**

## *Advancements in Assessment & Remediation of Petroleum Spills*



A Seminar detailing the Latest  
Environmental & Telemetry  
Innovations in the USA

**September 18, 2001**

Seminar conducted by:  
Environmental International Corporation  
PO Box 505, Alpharetta, GA 30022,  
USA

## ***A Technical Seminar for Environmental Professionals***

The USA spends millions of dollars annually to combat petroleum spills. These spills take place not only on the surface but in the subsurface. While surface spills have been addressed with a myriad of technologies, do you ever wonder what lurks in the subsurface environment?



*Latest subsurface probe technology saves time and money!!*

face environment?

Often slow leaks from storage and conveyance systems are unrecognized as a loss. With the price of fossil fuels reaching the astronomic highs, it is ever more important to ensure that this precious commodity is properly managed.

This short course reviews the latest technologies employed in the USA for addressing surface and subsurface spills of petroleum products. The course will also review techniques for remote monitoring and bi-directional communication of field parameters utilizing advanced telemetry devices. Alternate sources of energy such as solar and wind power use will be discussed.

### **Session 1: Surface Spills**

Although numerous sources contribute to surface spills, most waste streams flow through a series of conveyance systems before getting discharged to a surface media. Leaks and spills along the conveyance systems may also pose a significant environmental risk. What is a comprehensive plan that can intercept these spills at various points along the conveyance systems so that the industry can minimize treatment costs and prevent discharge violations? What are the latest treatment techniques that are not only practical but cost-effective in addressing surface spills? Get these answers in this session.

### **Session: 2 Subsurface Spills**

What are the environmental risks posed by subsurface releases or surface spills that seep petroleum and chemical products into the subsurface environment? This course will outline a step-by-step procedure on



*Comprehensive monitoring and detailed evaluation is key to success*

identifying and assessing subsurface releases. The course will begin by outlining state-of-the-art methods used in assessing the subsurface, followed by detailed procedures for locating and designing monitoring wells and recovery wells. The course will also outline comprehensive

monitoring programs, detailed evaluation procedures, and telemetry technologies that should be implemented for successful execution of an assessment program.



*Managing Above-ground Storage Tanks releases can be a challenge.*

Finally, the course will outline simple but effective methods of reducing the environmental liabilities associated with petroleum and chemical releases.

## **Mark Your Calendar!!**

Date: September 18, 2001  
Time: 8:00 AM to 12:00 PM  
Venue: Lecture Room,  
The Supreme Council for The Environment & Natural Reserves,  
P.O. Box 7634  
Doha, QATAR



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