



## Dispersant Training for the Oil Spill Responder November 9-10, 2010

Ohmsett – The National Oil Spill Response Research & Renewable Energy Test Facility will hold a **Hands-on Dispersant Training Course November 9-10, 2010**. This two-day hands-on training session will take place at Ohmsett, located in Leonardo, NJ and will run 7:30 a.m. – 4:30 p.m. each day. It will emphasize practical experience in full-scale dispersant applications in the Ohmsett outdoor wave tank, using the SMART Dispersant Monitoring Protocol and Fluorometry methods. The course will include: a primer on dispersant basics and operations, as well as an overview of dispersant operations in recent spills and lessons learned. Instruction is provided by leading dispersant experts from SL Ross Environmental Research Ltd.

The goals of this training are to provide responders, planners and government regulators with advanced knowledge and experience with oil spill behavior and dispersants, coupled with hands-on experience with dispersant use, oil-dispersant interactions and effectiveness monitoring using visual methods and instrumentation. The cost is \$995.00 per person. **Space is limited to 15 students. Call now to register! 732-866-7286. Payment must be made by October 19, 2010.** The first 15 students will be reserved for the November 9-10 session; if needed, a second session on November 11-12 will be added.

### Topics Covered:

- Interactions of oil, dispersants, water and waves
- Dispersant operations and coordination
- SMART Protocol: Principles, experience and advances
- Set-up and use of monitoring instruments
- Ohmsett and the Ohmsett Dispersant Effectiveness Protocol
- Potential effectiveness of skimmers after dispersant application
- Advances in dispersant knowledge and experience in recent spills

### Preliminary Schedule:

	Day 1	Day 2
a.m.	Classroom: <ul style="list-style-type: none"> <li>- Theory of spill behavior and oil-dispersant interactions</li> <li>- Dispersant operations and SMART Monitoring Protocol: Principles, practice, problems and progress</li> <li>- Recent advances in dispersant knowledge and experience in spills</li> </ul>	On Tank: <ul style="list-style-type: none"> <li>- Behavior of chemically-treated oil spills in breaking waves: observation and documentation: Diagnosing effective and partially-effective dispersant applications</li> <li>- Experience with effective dispersant application</li> <li>- Effective monitoring: visual methods, fluorometry and particle-size methods</li> </ul>
p.m.	On Tank: <ul style="list-style-type: none"> <li>- Set-up and use of monitoring instruments and equipment</li> <li>- Behavior of untreated oil spills in breaking waves: Diagnosis of effectiveness using visual and instrumental cues</li> <li>- Experience with oil behavior</li> </ul>	On Tank: <ul style="list-style-type: none"> <li>- Skimming dispersant-treated but undispersed oil</li> <li>- Recording and communicating monitoring results</li> <li>- Challenges of dispersant monitoring in the real-world</li> <li>- Debriefing</li> </ul>

### **Call now to register!**

Susan Cunneff  
 Ohmsett Training Coordinator  
 732-866-7286  
[scunneff@ohmsettnj.com](mailto:scunneff@ohmsettnj.com)