

**Efficacy and Effects of Dispersants in Oil Spill Response:  
Progress since the 2005 NRC Report**

2008 International Oil Spill Conference Short Course  
Sunday, May 4, 2008  
8:30 to 4:30 pm

- 8: 30-8:45**      **Class Overview, Participant Self-Introduction**
- 8:45-9:15**      **History of Dispersants and Dispersants Use**  
Amy A. Merten, Ph.D. NOAA ORR, Co-Director of Coastal Response Research Center  
Nancy E. Kinner, Ph.D. University of New Hampshire, Co-Director of Coastal Response Research Center
- 9:15-10:00**      **Documented Research Needs on Dispersants**
- Fate - Amy Merten & Nancy Kinner
  - Effects -Amy Merten & Nancy Kinner
  - Cold Water – Victoria Broje, Ph.D. Shell
- 10-10:20**      **Break**
- 10:20-12:00**      **Fate of Dispersants**
- Mixing – Joseph Katz/Balaji Gopalan, The John Hopkins University & Ken Lee, Bedford Institute of Oceanography
  - Chemistry – Bruce Hollebone, Environment Canada
  - Particulate – Ali Khelifa, Environment Canada
  - Reactions – Bill Lehr, NOAA Emergency Response Division
- 12-1:30** **Lunch Break**
- 1:30-3:00**      **Effects on Organisms**
- Summary of Center-funded Research – Nancy Kinner & Amy Merten
  - Panel Reactions – Jordan Stout, NOAA Emergency Response Division, Nick Nichols, US Environmental Protection Agency, Charlie Henry, NOAA Emergency Response Division & Troy Baker, NOAA Assessment & Restoration Division
- 3-3:20**      **Break**
- 3:20-4:20**      **Tying it All Together**
- Modeling – CJ Beegle-Krause, Applied Sciences Associates, Inc
  - Biological – Troy Baker, NOAA Assessment & Restoration Division
  - Practical (Reaction) – Charlie Henry, NOAA Emergency Response Division
- 4:20-4:30**      **Wrap Up / Closing** – Nancy Kinner and Amy Merten