



## Symposium

### *Population Consequences of Acoustic Disturbance to Marine Mammals*

**Sponsored by Office of Naval Research & The Marine Mammal Commission  
Friday, 21 October, 2011  
Consortium for Ocean Leadership, 1201 New York Ave., NW, 4th Floor**

**Agenda** \* Only presenting authors listed

- 830 Continental breakfast & coffee
- 900 Introduction to population consequences of acoustic disturbance (PCAD) working group  
(*Michael Weise, Office of Naval Research*)
- 930 A conceptual framework for evaluating the effects of sound on marine mammals  
(*John Harwood, University of St Andrew*)
- 1000 Translating conceptual to parameterized models for multiple taxonomic groups  
(*Len Thomas, University of St Andrews*)
- 1030 Break
- 1100 Environmental variation and experimental manipulation as proxies for disturbance  
in elephant seals (*Daniel P. Costa, University of California Santa Cruz*)
- 1130 Relations among foraging, disturbances to foraging, and vital rates in southern  
elephant seals (*Leslie New, University of St Andrews / Marine Mammal Commission*)
- 1200 Lunch
- 1300 Population consequences of whale-watching disturbances on cetaceans  
(*David Lusseau, University of Aberdeen*)
- 1330 Potential effects of acoustic disturbance on foraging behavior, body condition, and  
demography in North Atlantic right whales (*Rob Schick, Duke University*)
- 1400 Population level effects of mid-frequency active (MFA) sonar on Blainville's (*Mesoplodon*  
*densirostris*) and Cuvier's (*Ziphius cavirostris*) beaked whales on U.S. Navy Ranges  
(*David Moretti, Navy Undersea Warfare Center*)
- 1430 Integrating conceptual and practical approaches to assessment of disturbance  
(*Erica Fleishman, University of California Davis*)
- 1500 Break
- 1530 Discussion
- 1630 Adjourn