

**LISA DILLING**

Environmental and Societal Impacts Group  
National Center for Atmospheric Research  
Boulder, CO 80301  
(303) 497-2885

**EDUCATION**

1997 Ph.D. University of California, Santa Barbara, CA Biological Sciences  
1989 B.A. Harvard University, Cambridge, MA Biology, *magna cum laude*

**EXPERIENCE**

2003-present Project Scientist II, Environmental and Societal Impacts Group, National Center for Atmospheric Research, Boulder CO  
2002-2003 Visiting Scientist, Environmental and Societal Impacts Group, National Center for Atmospheric Research, Boulder CO  
1999-2002 Co-Chair, Carbon Cycle Interagency Working Group, U.S. Global Change Research Program  
1998-2002 Program Manager, Carbon Cycle Program, Office of Global Programs, National Oceanic and Atmospheric Administration, Silver Spring, MD.  
1997-1998 Associate Program Manager for Ocean-Atmosphere Carbon Exchange Study and Atlantic Climate Change Program, Office of Global Programs, National Oceanic and Atmospheric Administration (through UCAR), Silver Spring, MD.  
1996-1997 National Sea Grant Fellow, International Development, Office of Global Programs, National Oceanic and Atmospheric Administration, Silver Spring, MD  
1990-1995 Teaching and Graduate Research Assistant, Department of Biological Sciences, University of California, Santa Barbara, CA  
1989-1990 Technical Communications Specialist, Eastern Research Group, Inc., Arlington, MA

**AWARDS**

NOAA Cash Award, 1998, 1999, 2000, 2001  
Dean John A. Knauss Marine Policy Fellowship, 1995  
National Science Foundation Graduate Fellowship, 1991-1993

**PUBLICATIONS**

Dilling L, Doney S, Edmonds J, Gurney KR, Harriss R, Schimel D, Stephens B, and Stokes G. 2003. The role of carbon cycle observations and knowledge in carbon management. Annual Review of Environment and Resources 28:521-58.  
Dilling L and MA Brzezinski. 2004. Quantifying marine snow as a food choice for zooplankton using stable silicon isotope tracers. In press, Journal of Plankton Research.

- Dilling L and AL Alldredge. 2000. Fragmentation of marine snow by swimming macrozooplankton: A new process impacting carbon cycling in the sea. *Deep Sea Res. I* 47:1227-1245.
- Dilling L, J Wilson, D Steinberg, and AL Alldredge. 1998. Feeding by the euphausiid *Euphausia pacifica* and the copepod *Calanus pacificus* on marine snow. *Mar. Ecol. Prog. Ser.* 170: 189-201.
- Dilling L. Consumption and Fragmentation of Marine Snow by Euphausiids and Copepods. PhD Dissertation.
- Dilling L. and AL Alldredge. 1993. Can chaetognath fecal pellets contribute to carbon flux? *Mar. Ecol. Prog. Ser.* 92:51-58.

### **SELECTED INVITED PRESENTATIONS**

*[excluding multiple NOAA and National program presentations]*

- Co-Chair, Session: Human Interactions and the Carbon Cycle in North America, AGU Fall 2003
- Co-Chair, Session: State of the Science: The Role of the Carbon Cycle in the Earth System. Winter AMS meeting, Long Beach, CA 2003
- “The U.S. Carbon Cycle Program: Building an Integrated Program” University of Maryland, College Park MD 2002
- “Building an Integrated Carbon Cycle Program” Old Dominion University, Norfolk VA 2002
- “Ocean Sciences at NOAA since September 11<sup>th</sup>” AGU/Ocean Sciences Meeting 2002
- Co-Chair, Special Session on Oceans, Carbon Cycle and Societal Interactions, Winter American Meteorological Society Meeting, Albuquerque NM 2001

### **PROFESSIONAL MEMBERSHIPS**

American Geophysical Union  
American Meteorological Society

### **COLLABORATORS**

Allredge, A (University of California, Santa Barbara), Betsill, M (Colorado State University), Brzezinski, M (UC Santa Barbara), Conant, R (CSU/NREL), Cullen, H (NCAR/The Weather Channel), Doney, S (Woods Hole Oceanographic Institution), Edmonds Jae (Pacific Northwest National Laboratories, Joint Global Change Research Institute at the University of Maryland), Gurney KR. (CSU), Harriss R (NCAR), Morss, R (NCAR), Moser, S (NCAR), Pielke, Jr., R (CU), Pulwarty, R (NOAA/CIRES/CU), Sarewitz, D (CSPO), Schimel, D (NCAR), Stephens, B (NCAR), Stokes, G (Pacific Northwest National Laboratories, Joint Global Change Research Institute at the University of Maryland), Sundquist, E (USGS), Trtanj, J (NOAA/OGP)

Doctoral Thesis Advisor: Alice Alldredge, University of California, Santa Barbara