

Donna Jean Holdridge

Climate Research Section
Environmental Science Division
Argonne National Laboratory

Education:

M.S. University of Illinois., Atmospheric Science, 1992
B.S. Northern Illinois University, Meteorology, 1989

Professional Experience:

2008-Present Assistant Meteorologist
1994-2008 Scientific Associate
Environmental Science Division
Argonne National Laboratory

DOE Atmospheric Radiation Measurement Program Balloon-Borne Sounding System instrument mentor. Responsible for developing real-time data processing routines to produce web-based data plots and archives. Write and publish monthly SGP site newsletter for the ARM Program. Design and maintain program web pages – Global Change Education Program, Ameriflux Fermi Lab Site. Provide data processing and computer support to division personnel. Provide real-time web-based graphics and data for field projects.

Summary of Previous Experience:

1991-1994 Technology Development Division
Laser Applications Laboratory
Argonne National Laboratory

Conducted studies in laser welding, heat treating, and beam shaping using 6 kW CO₂ laser, Responsible for maintenance of laser, all associated equipment and the laboratory.

Research Interests:

Boundary layer meteorology and measurements, web site development

Professional Activities:

American Meteorological Society member, 1988-Present

Publications:

Author or co-author of 100+ reports, conference publications and poster presentations.