

JANET M. INTRIERI, Ph.D.

Atmospheric Research Scientist
NOAA Earth System Research Laboratory
325 Broadway, Boulder, CO 80305-3328
303.497.6594 | janet.intrieri@noaa.gov

PROFESSIONAL PREPARATION

University of Colorado	Aerospace Engineering Sciences	Ph.D., 2002
University of Colorado	Aerospace Engineering Sciences	M.S., 1996
Colorado State University	Atmospheric Sciences	M.S., 1991
Pennsylvania State University	Meteorology	B.S., 1985

PROFESSIONAL APPOINTMENTS

NOAA / Earth System Research Laboratory Deputy Branch Chief, Water and Climate Physics Branch	June 2011	- present
NOAA / Earth System Research Laboratory Senior Advisor to the ESRL Director	June 2007	- May 2011
National Science Foundation Associate Program Manager, Office of Polar Programs	October 2005 - June 2007	
NOAA / ETL / Atmospheric Lidar Division Weather and Climate Research Scientist	May 1985 - September 2005	

SCIENCE LEADERSHIP, COMMITTEES, AWARDS

NOAA OAR Leadership Training Program; 2011-2012
NASA IceSat-2 Standing Review Board Member; 2012-present
IARPC Sea Ice Forecasting Implementation Team Member; 2012-present
NOAA Climate Goal, Evidence of Progress Lead (EOP-6); 2011-present
NOAA Sea Ice Forecasting Program Planning, Lead; 2010 - present
NOAA representative SEARCH (Interagency) Science Steering Committee; 2011- present
AMS Committee on Polar Meteorology and Oceanography; 2009 - present
OAR Member of the NOAA Arctic Regional Team; 2009 - present
CO₂ 50th Anniversary Conference, Planning Committee, Kona, Hawaii; 2007
International Laser Radar Conference, Program Committee Member; 2003-2004
Presidential Early Career Award for Scientist and Engineers, NOAA Nominee; 2003
Coordination-Group for Laser Atmospheric Studies, Committee Member; 1999-2003
DOE / Atmospheric Radiation Measurement, Science Team Member; 1999-2004

GEWEX Cloud System Study, Working Group V (Polar clouds) Member; 1998-2003
NSF / SHEBA, Science Team Member; 1998-2002
AMS Radiation Conference, Session Chair; 1999
WMO / Vaisala Paper Award Finalist; 1998
International Radiation Symposium, Session Chair; 1997
Lidar Atmospheric Studies Symposium, Session Chair; 1997
NASA / FIRE, Science Team Member; 1990-1995
NOAA Outstanding Paper Award Nominee; 1993

SELECT REFEREED PUBLICATIONS

Ralph, M.R., J.M. Intrieri, et al., 2013: The emergence of weather-related testbeds linking research and forecasting operations. *Bull. Amer. Meteor. Soc.* In press.

Intrieri, J.M., G. DeBoer, M.S. Shupe, J.R. Spackman, J. Wang, P.J. Neiman, G.A. Wick, R.E. Hood: 2013: Global Hawk dropsonde observations of the Arctic atmosphere. *Geophysical Research Letters*. Submitted.

Intrieri, J.M. and M.D. Shupe, 2004: Characteristics and radiative effects of diamond dust on the Arctic surface. *J. Climate*, **17**, 2953-2960.

Shupe, M. D., and J. M. Intrieri, 2004: Cloud radiative forcing of the Arctic Surface: The influence of cloud properties, surface albedo, and solar zenith angle. *J. Climate*, **17**, 616-628.

Intrieri, J. M., C. W. Fairall, M. D. Shupe, P. O. G. Persson, E. L. Andreas, P. S. Guest, and R. E. Moritz, 2002: An annual cycle of Arctic surface cloud forcing at SHEBA. *J. Geophys. Res.*, **107**, 8039, 2002.

Intrieri, J. M., M. D. Shupe, T. Uttal, and B. J. McCarty, 2002: An annual cycle of Arctic cloud characteristics observed by radar and lidar at SHEBA. *J. Geophys. Res.*, **107**, 8030, 2002.
Key, J.R., and J.M. Intrieri, 2001: Cloud particle phase determination with the AVHRR. *J. Appl. Meteor.*, **39**, 1797-1804.

Intrieri, J.M., W.L. Eberhard, T. Uttal, J.B. Snider, Y. Han, J.A. Shaw, B.W. Orr, and S.Y. Matrosov, 1995: Multi-wavelength observations of a developing cloud system: The FIRE II 26 November 1991 case study. *J. Atmos. Sci.*, **52**, 4079-4093.

Intrieri, J.M., G.L. Stephens, W.L. Eberhard, and T. Uttal, 1993: A method for determining cirrus cloud particle sizes using a lidar and radar backscatter technique. *J. Appl. Meteor.*, **32**, 1074- 1082.

Intrieri, J.M., A.J. Bedard, Jr., R.M. Hardesty, 1990: Details of colliding thunderstorm outflow boundaries as observed by Doppler lidar. *J. Atmos. Sci.*, **47**, 1081-1098.

Intrieri, J.M., C.G. Little, W.J. Shaw, P.A. Durkee, R.M. Banta, and R.M. Hardesty, 1990: The Land/Sea Breeze Experiment (LASBEX). *Bull. Amer. Meteor. Soc.*, **71**, 656-664.