

DAVID R. LEGATES, Ph.D, C.C.M

March 2010

Campus Address: Office of the State Climatologist, University of Delaware, Newark DE 19716

Primary Appointment:

Associate Professor, Department of Geography, University of Delaware, Newark, Delaware.

Adjunct Appointments:

Physical Ocean Science & Engineering Program, College of Earth, Ocean, and Environment

Statistics Program, College of Agriculture and Natural Resources

Research Interests

Climatology

Hydroclimatology/Surface Water Hydrology

Precipitation and Climate Change

Global and Regional Climatology

Computational Methods

Statistical/Numerical Methods

Spatial Analysis and Spatial Statistics

Digital/Numerical Cartography

Education

Ph.D. Climatology, University of Delaware, Newark, Delaware. Received: August 1988.

Dissertation: *A Climatology of Global Precipitation.*

M.S. Climatology/Geography, University of Delaware, Newark, Delaware. Received: June 1985.

Thesis: *Interpolation of Point Values from Isarithms*

B.A. Mathematics and Geography (Double Major), University of Delaware, Newark, Delaware.

Received: June 1982. Graduated: *Cum Laude.*

Professional Experience

1999–Present Associate Professor, University of Delaware, Newark, Delaware.

(2000–2006: Associate Director, Delaware Space Grant Consortium)

(2001–2005: Associate State Climatologist)

(2001–2007: Director, Center for Climatic Research)

(2003–present: Co-Director, Delaware Environmental Observing System)

(2005–present: State Climatologist)

(2005–present: Co-coordinator, Delaware Geographic Alliance)

1998–1999 Associate Professor, Louisiana State University, Baton Rouge, Louisiana.

1998–1999 Research Scientist, Southern Regional Climate Center, Baton Rouge, Louisiana.

1994–1997 Associate Professor, University of Oklahoma, Norman, Oklahoma.

1995–1997 Chief Research Scientist, Center for Computational Geosciences, Norman, Oklahoma.

1995–1996 Visiting Associate Professor, University of Virginia, Charlottesville, Virginia.

1988–1994 Assistant Professor, University of Oklahoma, Norman, Oklahoma.

1991 Visiting Research Scientist, National Climatic Data Center, Asheville, North Carolina.

Selected Awards, Grants, Projects, and Presentations

Received more than \$6M in research money from federal and state sources to support research in climatology, hydrology, weather radar, arctic precipitation, and surface observing systems.

Awarded the 2002 *Boeing Autometric Award for the Best Paper in Image Analysis and Interpretation* by the American Society of Photogrammetry and Remote Sensing.

Awarded *Certified Consulting Meteorologist* status by the American Meteorological Society, 2000.

Invited to appear before the United States Senate Committee on Environment and Public Works, Dirksen Senate Office Building, July 29, 2003, Washington, DC.

Invited to appear before the United States Senate Committee on Environment and Public Works, Dirksen Senate Office Building, March 13, 2002, Washington, DC.

Published more than 75 refereed research articles, book chapters, and monographs.

Given more than 250 professional presentations and invited speaking engagements.

Frequently provides interviews for television, newspapers, and radio.