

Sethu Raman
Professor, Department of Marine, Earth and Atmospheric Sciences
State Climatologist of North Carolina
Director, State Climate Office of North Carolina (A Public Service Center)
North Carolina State University

EDUCATIONAL BACKGROUND:

- 1972 Ph.D., Colorado State University, Fort Collins, CO, USA Specialization in Fluid Dynamics. Ph.D. Thesis on the physical modeling of an urban heat island.
- 1969 M.E. (Hons.), University of Roorkee, Roorkee, India Specialization in hydraulics. M.E. Thesis on the drag coefficient of a sphere rolling along a rough boundary.

PROFESSIONAL BACKGROUND :

- 1998 - 2006 Director, State Climate Office of North Carolina, A Public Service Center for Climate-Environment Interactions
- 1996 - 2006 State Climatologist of North Carolina
- 1986-present Professor, Department of Marine, Earth and Atmospheric Sciences, North Carolina State University, Raleigh, North Carolina.
- 1982-1986 Associate Professor, Department of Marine, Earth and Atmospheric Sciences, North Carolina State University, Raleigh, North Carolina.
- 1972-1982 Meteorologist, Atmospheric Sciences Division, Department of Energy and Environment, Brookhaven National Laboratory, New York.

HONORS AND AWARDS :

- 1997-98 NCSU Alumni Outstanding Extension Service Award
- 1999 NCSU Distinguished Scholarly Achievement Award
- 1993 Alan Berman Research Publication Award of the Naval Research Laboratory

PROFESSIONAL ACTIVITIES :

- Member, North Carolina Global Climate Change Commission, 2005-06
- Fellow, American Meteorological Society (AMS), since 1996.
- Member, University Extension Council, since 1997.
- Member, Sigma Xi, The Honor Society, since 1997.
- Member, American Meteorological Society (AMS), since 1972.
- Member, American Geophysical Union, since 1972.
- Member, Phi Kappa Phi, The Honor Society, since 1972.
- Certified Consulting Meteorologist, since 1981.
- Professional Engineer, since 1972.
- Guest Editor, Special Issue of the Atmospheric Environment (1989)
- Guest Editor, Pure and Applied Geophysics (2002)
- Guest Editor, Pure and Applied Geophysics (M.P.Singh Volume) (2005)
- Guest Editor, International Journal of Natural Hazards (G.V.Rao Memorial Volume) (2005)

RESEARCH INTERESTS:

Climatology, Air Pollution Modeling, Planetary Boundary Layer, Ocean-Atmosphere Interaction, Soil-Vegetation-Atmosphere-Transfer Processes, Biosphere-Atmosphere Interaction, Climate Environment Interaction, Applied Statistics, Numerical Weather Forecasting, Mesoscale Dynamics, Tropical Cyclones, and Monsoon Processes. Over 300 publications including 200 in refereed international journals.