# Sundar A. Christopher

University of Alabama in Huntsville

# PROFESSIONAL PREPARATION

|  |  |  |  |
| --- | --- | --- | --- |
| Madras University | Chennai, India | Engineering | B.S., 1985 |
| South Dakota School of Mines and Technology | Rapid City, SD | Meteorology | M.S., 1989 |
| Colorado State University | Fort Collins, CO | Atmospheric Science | Ph.D., 1995 |
| University of Alabama in Huntsville | Huntsville, AL | Psychology | M.S., 2002 |

1. **APPOINTMENTS**

2007-Current Professor, Department of Atmospheric Sciences, University of Alabama in Huntsville

2014-2019 Dean, College of Science, University of Alabama in Huntsville

2010-2014 Department Chair, Department of Atmospheric Sciences, University of Alabama in Huntsville

2007-2014 Associate Director Earth System Science Center, University of Alabama in Huntsville 2001-2007 Associate Professor, Department of Atmospheric Sciences, University of Alabama in

Huntsville

1997-2001 Assistant Professor, Department of Atmospheric Sciences, University of Alabama in Huntsville

1995-1997 Assistant Professor, Department of Meteorology, South Dakota School of Mines and

Technology

1994-1995 Research Scientist, Institute of Atmospheric Sciences, South Dakota School of Mines and Technology

# PUBLICATIONS

**Publications most closely related (over 100 publications)**

* 1. Feng, N., and **S.A. Christopher**, Clear sky direct radiative effects of aerosols over Southeast Asia based on satellite observations and radiative transfer calculations, 152, 333-344, 2015.
	2. Guo, Y., N. Feng, **S.A. Christopher**, S. Hong, P. Kong, Estimation of fine particulate matter

air quality over Beijing using satellite measurements, International Journal of Remote Sensing, 35(17), 2014.

* 1. Gupta, P., F. Patadia, **S.A. Christopher**, Multisensor data product fusion for aerosol research, IEEE Trans. Geoscience Remote Sensing, 46 (5), 2008.
	2. Superczynski, S., and **S. A. Christopher**, Exploring Land Use and Land Cover Effects on Air

Quality in Central Alabama using GIS and Remote Sensing, Remote Sensing, Remote Sens. 2011, 3(12), 2552-2567; doi:10.3390/rs3122552.

* 1. Yang, E., **S. A. Christopher**, S. Kondragunta, and X. Zhang (2011), Use of hourly Geostationary Operational Environmental Satellite (GOES) fire emissions in a Community

Multiscale Air Quality (CMAQ) model for improving surface particulate matter predictions, J. Geophys. Res., 116, D04303, doi:10.1029/2010JD014482.