

MONTSERRAT FUENTES
Professor of Statistics
North Carolina State University

Dr. Montserrat Fuentes is a full professor of Statistics (with tenure) at North Carolina (NC) State. Dr. Fuentes received her B.S. in Mathematics and Music (piano) from the University of Valladolid (Spain), and her Ph.D. in Statistics from the University of Chicago (1999). She spent 6 months as a postdoc in the National Center of Atmospheric Research (NCAR) before joining NC State in 1999. She is a member-elect of the International Statistical Institute, and has been a member of the Regional Advisory Board (RAB) for the Eastern North American Region (ENAR) of the International Biometric Society. Dr. Fuentes is a member of the Science Advisory Board (SAB) Integrated Human Exposure Committee of the U.S. Environmental Protection Agency, and the U.S. representative in the Board of Directors of the International Environmetrics Society. She was a member of the Biostatistical Methods and Research Design (BMRD) study section of the National Institutes for Health, and she is currently a member of the scientific review committee of Health Canada. She has also worked for the U.S. Department of Justice as an expert witness, and was a member of a committee of the National Research Council of the National Academies working on the impact of ozone on mortality. She is a senior leader of the ADVANCE-NSF Developing Diverse Departments program at NCSU.

Throughout her professional career, Dr. Fuentes has been active in numerous professional societies, including being chair of the section on Statistics and the Environment (2003) for ENAR, chair of the General Methodology Section (2001, and 2004) of the American Statistical Association (ASA), program chair for the 2002 Southern Regional Council on Statistics (SRCOS) and ASA, serving in the scientific committee for The International Environmetrics Society (TIES) (2004) and in the program committee for the Institute of Mathematical Science-The International Society for Bayesian Analysis (IMS-ISBA) joint conference (2005). She was also chair of the scientific committee for the International Statistical Institute (ISI) Conference on Environmental Statistics and Health (July, 2003). She was the program chair for ENAR 2006. She has been elected for the IMS council (2007-2010).

She received the Abdel El-Shaarawi Young Research's Award in recognition of outstanding contributions to environmetric research (2003). Dr. Fuentes has maintained her own research group, with an average of seven Ph.D. graduate students and two postdocs working on projects sponsored by the National Science Foundation (NSF), the US National Institutes of Health (NIH), the US Environmental Protection Agency (EPA), the National Oceanic and Atmospheric Administration (NOAA) and the US Department of Defense (DOD). Dr. Fuentes has developed new statistical methods that she applies to air pollution, weather prediction, hurricane forecasting and environmental health risk assessment problems in collaboration with the air quality modelers and scientists at EPA and NCAR.

Dr. Fuentes has authored over 50 scientific publications & served as principal investigator (or co-PI) on 20 research grants, with total funding of more than \$10 million.

Dr. Fuentes was named an ASA fellow (2008) for outstanding contributions to research in spatial statistics, for excellence in the development and application of statistical methodology in atmospheric sciences, air pollution and oceanography; and for service to the profession. She is the editor of the Journal

of Agricultural, Biological, and Environmental Statistics (JABES), of the American Statistical Association and the International Biometrics Society.