

Maliha S. Nash, Statistician, in EPA's National Exposure Research Laboratory

Systems Exposure Division

[Mailing Address](#)

nash.maliha@epa.gov

Area of Expertise: My role is mainly as a supporting element in many research teams with diverse discipline in conducting statistical analyses. Hence, my work is in utilization of GIS, remote sensing, and other existed data in watershed modeling using statistics for predicting and interpolating the consequence of landscape changes on aquatic and terrestrial resources. Develop statistical models account for the spatial and temporal variability in landscape metrics as affected by the surrounding areas on local and global scales.

Select Publications:

Pickard, B., M. Nash, J. Baynes, AND M. Mehaffey. [A novel approach for examining future US domestic water demand](#). US-IALE 2016 Annual Meeting, Asheville, NC, April 03 - 07, 2016.

Orejola, N., M. Nash, M. Mehaffey, AND A. Neale. [Investigating Differences between Modeled Historical and Station Calculated Drought](#). US-IALE, Asheville, NC, April 03 - 07, 2016.

Christensen, J., M. Nash, J. Compton, J. Wigington, AND S. Griffith. [Connecting Seasonal Riparian Buffer Metrics and Nitrogen Concentrations in a Pulse-Driven Agricultural System](#). Presented at SFS (Society for Freshwater Science) Meeting, Milwaukee, WI, May 17 - 21, 2015.

View more research publications by [Maliha Nash](#).

Education:

- New Mexico State University, Las Cruces, NM, Ph.D. 1990 Soil Physics (major) / Statistics (minor)
- New Mexico State University, Las Cruces, NM, M.S. 1985 Soil Physics (major) / Statistics (minor)
- University of Baghdad, College of Agriculture, Baghdad, Iraq, B.S. 1976, Soil Science

Professional Experience:

- August 1998-present, US EPA, Statistician, Las Vegas, Nevada.
- July 1998- August 2001, US EPA, EPA post Doc., Las Vegas, Nevada.
- May 1995- April 1998, US EPA, National Research Council, Research Associate, Las Vegas, Nevada.
- March 1992 - May 1995, Hydrogeologist, Foothill Engineering Co. / USGS, Nuclear Hydrology Program, Nevada Test Site, Mercury, Nevada.

- July 1997- Present, Adjunct professor in Mathematics and Statistics at CSN, Las Vegas, Nevada.
- June 1976 - June 1979, Agricultural Engineer, Soil Organization of Soil and Land Reclamation (SOSLR), Consumptive Use Research, Baghdad, Iraq