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Area of Expertise:

Select Publications:

WALTER, G. L., A. GILLILAND, E. COOTER, R. C. GILLIAM, K. CAVANAUGH, AND L. M. PETTERSON. A PILOT ENVIRONMENTAL DATA GRID DISTRIBUTION SYSTEM. Presented at EPA Science Forum 2005, Washington, DC, May 16 - 18, 2005.

HOGREFE, C., W. HAO, K. CIVEROLO, J. KU, G. SISTIA, J. O. YOUNG, G. L. WALTER, A. GILLILAND, AND K. L. SCHERE. A PILOT STUDY FOR NEAR REAL-TIME AEROSOL MODELING AND AIR QUALITY CHARACTERIZATION. Presented at EPA Science Forum 2005, Washington, DC, May 16 - 18, 2005.

GILLILAND, A., C. HOGREFE, W. HAO, G. SISTIA, J. O. YOUNG, G. L. WALTER, AND K. L. SCHERE. A PILOT STUDY FOR NEAR REAL-TIME AEROSOL MODELING AND AIR QUALITY CHARACTERIZATION. Presented at EPA Science Forum 2005, Washington, DC, May 16 - 18, 2005.

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Education:

- B.S. in Electronic Engineering and Computer Engineering, George Mason University, 1985
- M.S. in Systems Engineering, George Mason University, 1992

Professional Experience:

- Computer Scientist, USEPA/ORD/NERL/AMAD, Research Triangle Park, NC, 2008 – Present
- Computer Scientist, NOAA Atmospheric Sciences Modeling Division (in partnership with USEPA/NERL), Research Triangle Park, NC, 1992 – 2008
- Electronic Engineer, Center for Night Vision and Electro-Optics, 1991 – 1992
- Faculty Researcher, Center for Automation Research, Univ. of Maryland, College Park, MD, 1990 – 1991
- Electronic Engineer, Night Vision Laboratory, 1985–1990