

## Research Interests

Climate and Environmental Modeling, Environmental Data Systems, Multiscale System Simulations, High Performance Computing, Geography Information Systems

## Education

**Ph.D.** in Scientific Computation: Environmental Engineering 2002

**MS** in Computer Science 2001

**MSC** in Computational Science and Engineering 2001

**Rensselaer Polytechnic Institute**, Troy, NY

**MS** in Environmental Chemistry 1996

**BS** in Environmental Planning and Management 1993

**Jilin University**, Changchun, Jilin, P.R.China

## Professional Experience

Research Staff, Environmental Sciences Division & Climate Change Sciences Institute, **Oak Ridge National Laboratory**, Oak Ridge, TN, 37831 2009 – present

IT Infrastructure Manager, **Southeastern Universities Research Association**, Washington DC, 20005 20007-2009

Research Assistant Professor, Computer Science/The Institute for Environmental Modeling **University of Tennessee**, Knoxville, TN 2003-2007

Computational Scientist, Computer Science/Environmental Engineering/Scientific Computing Research Center, **Rensselaer Polytechnic Institute**, Troy, NY 1998-2002

Software Engineer, **Pitney Bowes**, Shelton, CT 06484 2001-2002

Assistant Professor (Certified EIA Engineer), Environmental Sciences, **Nankai University**, China 1996-1998

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