

Curriculum Vitae

Usha Eleswarapu

Education

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| Certificate in GIS University of Dallas, Dallas, Texas | May 2002 |
| Ph.D. (Geography) University of Iowa, Iowa City | May 1992 |
| M.A. (Geography) University of Iowa, Iowa City | December 1998 |
| M.S. (Applied Geography) University of Madras, India | May 1986 |
| B.Sc. (Geography) Queen Mary's College, Madras | May 1984 |

Professional Experience

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| Lecturer Department of Geography Rutgers University | January 2011 - Present |
| Lecturer Department of History Monmouth University | September 2011 – December 2011 |
| GIS Analyst City of Plano (pop. 200,000), Texas | 2004-2005 |
| GIS Tech City of Plano, Texas | 2003-2005 |
| GIS Tech City of Lewisville, Texas | 2002-2003 |
| Lecturer University of Auckland New Zealand | 1994 - 1995 |

Assistant Professor 1993-1994
University of North Carolina-Greensboro

Research Associate 1992-1993
University of Iowa, Iowa City

Awards

1993 J. Warren Nystrom Best Ph.D. Dissertation Award (Association of American Geographers)

1993 Best Graduate Student Paper (American Water Resources Association)

1992-93 Outstanding Water Resources Dissertation Award (UCOWR or Universities Council on Water Resources)

1991-92 Outstanding Teaching Assistant Award (University of Iowa)

Ranked First in Tamil Nadu State at Master's Level (University of Madras)

Ranked Second in Tamil Nadu State at Bachelor's Level (University of Madras)

Publications

Economics of Screening for Pesticides in Ground Water. Water Resources Bulletin. August, Vol. 30, No.4, p.579-588, 1994 (Dr. Usha Natarajan and Dr. R. Rajagopal)

Pesticides in Water: Part 3. Sample Compositing. Environmental Testing & Analysis, May/June, p.54-63, 1993. (Dr. Usha Natarajan and Dr. R. Rajagopal)

Pesticides in Water: Part 2. Screening with Sequential Analysis. Environmental Testing & Analysis, March/April, p.60-67, 1993. (Dr. Usha Natarajan and Dr. R. Rajagopal)

Surveying the Situation. Environmental Testing & Analysis, Jan/Feb, p.40-50, 1993. (Dr. Usha Natarajan and Dr. R. Rajagopal)

Information Integration for Environmental Monitoring and Assessment. The Environmental Professional, No.14, p.151-177, 1992. (Usha Natarajan, Dr. R. Rajagopal and J. Wacker)

Project Reports

Water Quality Monitoring for Pesticides: An Annotated Bibliography. Environmental Monitoring and Systems Laboratory (EMSL), U.S. EPA, Las Vegas, Nevada. October 1993.

A Review of Selected Automated Water Quality Databases, EMSL, U.S. EPA, Las Vegas, Nevada, October 1993.

Screening for Pesticides in Ground Water: A Comparative Analysis of Iowa and Delmarva Results, EMSL, U.S. EPA, Las Vegas, Nevada. October 1993. (Usha Natarajan and Dr. R. Rajagopal)

An Approach for Assessing the Utility of Large Databases in Environmental Monitoring and Assessment, EMSL, U.S. EPA, Las Vegas, Nevada. December 1992. (Usha Natarajan, Dr. R. Rajagopal, R. Kuchibhatla, R. Talcott)

Water Resources of the United States: Problems, Risk Perceptions, and Priorities, National Geographic Society, November 1992. (Usha Natarajan, Dr. R. Rajagopal, D. Osterberg, F. Ogden, C. Emerson)

Workshops

A Seminar on Iowa's Water Quality. Sponsored by the Dept. of Geography, University of Iowa, University of Iowa Foundation, Iowa State Bank and Trust Company, and Barrientos & Associates. December 18, 1991. (Usha Natarajan, Dr. R. Rajagopal)

Integration of Large Databases for Ground-Water Quality Assessments. Sponsored by Environmental Monitoring and Systems Laboratory, U.S. EPA. August 9-10, 1990. (Usha Natarajan, Dr. R. Rajagopal, R. Talcott, R. Kuchibhatla)

Presentations

1994 Association of American Geographers Meeting, San Francisco, California, March 29-April 2. J. Warren Nystrom Dissertation Competition. Economics of Screening for Pesticides in Ground Water.

1993 SouthEast Division of Association of American Geographers Meeting, Greensboro, North Carolina. Nov 21-23. Discussant: Using Artificial Neural Networks in Estimating Precipitation by L. Yu Lin, Hsiang-te Kung and Devlin Fung.

1993 Association of American Geographers Meeting, Atlanta, Georgia. April 6-10. Low-Cost Methods for Pesticide Screening in Water.

31st Annual ASCE Environmental and Water Resources Design Conference, Ames, Iowa. Feb 18-19, 1993. Screening Methods to Detect Pesticides in Ground Water.

U.S. EPA Office of Pesticide Programs, Washington D.C. Feb 24, 1992. (Invited) Economics of Screening for Pesticides in Ground Water.

1990 Spring Meeting of the American Institute of Hydrology, Las Vegas, Nevada.
Patterns in the Occurrence of Selected Inorganic and Pesticide Compounds in Ground-
Water-Based Drinking Water Supplies of Iowa.