

Scott E. Wade, M.A., GISP

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EDUCATION:

M.A. in Geography, East Carolina University, 1990

Masters Thesis: Determinants of Spatial Variation in Barrier Island Property Values

B.A. in Geography, University of North Carolina at Chapel Hill, 1984

EMPLOYMENT HISTORY:

Lecturer of Geography

Department of Geography
East Carolina University
Greenville, NC
1990 – Present

Assistant Director, Center for Geographic Information Science

East Carolina University
Greenville, NC
2006 – Present

Director, Y.H. Kim Social Science Computing Laboratory

College of Arts and Sciences
East Carolina University
Greenville, NC
1996 – Present

Senior Research Analyst

Geographic Market Analysts, Inc.
Greensboro, NC
1995 – 2003

Coordinator, Data and Cartographic Services

Center for Health Services Research and Development
East Carolina University
Greenville, NC 1988 – 1990

Geographic Clerk / Technician

U.S. Department of Commerce, Bureau of the Census
Geography Division
Charlotte, NC
1984 – 1986

COURSES TAUGHT:

GIS Applications Programming
Geographic Information Systems
Spatial Data Analysis
Principles of Computer Cartography
Quantitative Methods in Geography (undergraduate level)
Quantitative Techniques in Geography (graduate level)
Introduction to Geography
Introduction to Physical Geography
World Regional Geography: Developed Regions
Internship in Geography
Geography of North Carolina

GRANTS AWARDED FOR INSTRUCTION:

\$8,500 - from the ECU College of Arts and Sciences Noncontinuing Academic Enhancement Funds, for replacement chairs in the Y.H. Kim Social Science Computing Lab. Principal Investigator. (2006)

\$3,500 from the College of Arts and Sciences Non-continuing Academic Enhancement Funds for a for multimedia classroom projector upgrade. (2005)

\$5,671 – from the ECU Teaching Grants Committee to develop a workbook as an active learning tool for GEOG 2400: Spatial Data Analysis. (2003)

\$1,800 from the College of Arts and Sciences Non-continuing Academic Enhancement Funds for multimedia classroom computer upgrades.

\$2,124 – from the ECU College of Arts and Sciences Noncontinuing Academic Enhancement Funds, for multimedia classroom computer equipment. Principal Investigator. (2001)

\$7,223 – from the ECU College of Arts and Sciences Noncontinuing Academic Enhancement Funds, for software license maintenance. Principal Investigator. (1999)

\$38,539 – from East Carolina University Computing and Technology Fee Fund, for upgrading computer hardware and software in the Y.H. Kim Social Science Computing Laboratory. Principal investigator with Dorothy Clayton. (1998)

\$43,836 – from East Carolina University Computing and Technology Fee Fund, for upgrading computer hardware and software in the Y.H. Kim Social Science Computing Laboratory. Principal investigator with Dorothy Clayton. (1997)

\$2,188 – from the ECU College of Arts and Sciences Noncontinuing Academic Enhancement Funds, for multimedia classroom computer equipment. Principal Investigator. (1997)

\$34,845 – from East Carolina University Computing and Technology Fee Fund, for upgrading computer hardware and software in the Y.H. Kim Social Science Computing Laboratory. Principal investigator with Dorothy Clayton. (1997)

\$58,967 – from East Carolina University Computing and Technology Fee Fund, for enhancement of resources for GIS and remote sensing instruction. Co-investigator with Paul Gares, James Wilson, and Johnathan Bascom. (1994)

REFEREED JOURNAL ARTICLES:

Wang, Yong, and Scott E. Wade. 2008. “Comparisons of Three Types of DEMs: A Case Study of the Randleman Reservoir, North Carolina.” Southeastern Geographer, 48(1): pp. 110–124.

Wang, Yong, and Wade, Scott. 2001. “Using Digital Spatial Data Sets to Study the Impact of Reservoir Construction on Local Environment and Community.” The North Carolina Geographer, 9: pp. 1-12.

RESEARCH REPORTS PREPARED FOR CLIENTS:

Wade, Scott E. “Population and Economic Growth in Macon County, N.C.” prepared in cooperation with Geographic Market Analysts, Inc. for Centura Bank, Rocky Mount, N.C. in May 2000.

Wade, Scott E. “A Redefinition of the Macon County, N.C. Banking Market”, a report prepared for Centura Bank, Rocky Mount N.C. in August 1999.

Wade, Scott E. and Andre Moncla. “The 1997 Centura Bank Peer Group Study”, a geographic analysis of fair lending prepared for Centura Bank, Rocky Mount, N.C.

Wade, Scott E. and Andre Moncla. “The 1997 Hagerstown Trust HMDA Peer Group Study”, a geographic analysis of fair lending prepared for Hagerstown Trust Bank, Hagerstown, MD.

Wade, Scott E. “A Redefinition of the Hertford County, N.C. Banking Market”, a report prepared for Centura Bank, Rocky Mount N.C. in August 1997.

Wade, Scott E. and Andre Moncla. “The 1996 Centura Bank HMDA Peer Group Study”, a geographic analysis of fair lending prepared for Centura Bank, Rocky Mount, N.C.

Wade, Scott E. and Andre Moncla. “The 1996 Centura Bank CRA Study”, a geographic analysis of fair lending prepared for Centura Bank, Rocky Mount, N.C.

Wade, Scott E. and Andre Moncla. “The 1996 NationsBank HMDA Peer Group Study”, a geographic analysis of fair lending in eight banking markets prepared for the Fair Lending Group, NationsBank Corp., Atlanta, GA.

Wade, Scott E. and Andre Moncla. “The 1995 Centura Bank HMDA Peer Group Study”, a geographic analysis of fair lending prepared for Centura Bank, Rocky Mount, N.C.

Wade, Scott E. and Andre Moncla. “The 1995 Centura Bank CRA Study”, a geographic analysis of fair lending prepared for Centura Bank, Rocky Mount, N.C.

Wade, Scott E. and Andre Moncla. “The 1995 NationsBank HMDA Peer Group Study”, a geographic analysis of fair lending in ten banking markets prepared for the Fair Lending Group, NationsBank Corp., Atlanta, GA.

Wade, Scott E. and Andre Moncla. “The 1994 Centura Bank HMDA Peer Group Study”, a geographic analysis of fair lending prepared for Centura Bank, Rocky Mount, N.C.

Wade, Scott E. and Andre Moncla. “The 1994 Centura Bank CRA Study”, a geographic analysis of fair lending prepared for Centura Bank, Rocky Mount, N.C.

CERTIFICATIONS AND AUTHORIZATIONS

- **Certified Geographic Information Systems Professional (GISP)** by the Geographic Information Systems Certifications Institute (GISCI)
- **ESRI Authorized Trainer – Introduction to ArcGIS I**, a 2-day introductory GIS course developed by ESRI.
- **ESRI Authorized Trainer – ArcGIS Desktop II: Tools and Functionality**, a 3-day introductory GIS course developed by ESRI.
- **ESRI Authorized Trainer – Introduction to Geoprocessing Scripts Using Python**, a 2-day GIS programming course developed by ESRI.
- **Certified HAZUS Trained Professional** by the Federal Emergency Management Agency (FEMA)
- **Certified HAZUS Practitioner** by the Federal Emergency Management Agency (FEMA)
- **Authorized Vendor - HAZUS MH for Hurricane**

SPECIALIZED TRAINING:

- **HAZUS Multihazard – Basic** disaster mitigation software training, completed at the 2005 Southeast HAZUS User Group conference in Charleston, SC.
- **Advanced HAZUS Multihazard for Flood** – completed in September, 2005 at the National Emergency Training Center in Emmitsburg, MD
- **Advanced HAZUS Multihazard for Hurricane** – completed in January, 2006 at the National Emergency Training Center in Emmitsburg, MD
- **Advanced HAZUS Multihazard for Earthquake** – completed in February, 2007 at the National Emergency Training Center in Emmitsburg, MD
- **HAZUS Multihazard DMA2K Risk Assessment** – completed in August, 2006 at the National Emergency Training Center in Emmitsburg, MD
- **Comprehensive Data Management for HAZUS MH (E313)** – completed in September, 2006 at the National Emergency Training Center in Emmitsburg, MD
- **Introduction to ArcGIS I, Introduction to ArcGIS II** – completed at the ESRI Charlotte regional office in May, 2006

- **Introduction to Programming ArcObjects using the Microsoft .NET Framework** – completed in July, 2010 via the ESRI (Charlotte) Virtual Classroom.

COMPUTER SOFTWARE SKILLS:

GIS/Mapping: ArcGIS, Manifold.NET, MapInfo, Idrisi, ERDAS Imagine

Programming Languages: VB.NET, Visual Basic, Delphi (Pascal), PowerBasic, Emergence Basic, VBScript, Python

GIS Programming Tools: MapObjects, ArcObjects

Statistical Software: SAS, SPSS, SYSTAT

Database Management: Microsoft Access, dBASE, MDAC, SQLite

Hazard Mitigation: HAZUS-MH

Other: Microsoft Office (Word, Excel, Powerpoint), Internet Explorer

SOFTWARE DEVELOPED:

TIMS2BNA: A utility that processes TIMS (Transportation Information Management System) street files for use in Atlas GIS. Prepared for OR-Ed Laboratories, Oriental N.C.

UDAP Browser: A census data browser used to view, print, and export census data distributed to communities participating in the U.S. Census Bureau's 1990 User Defined Areas Program. Prepared for planning agencies in Tarboro, NC and Arlington, VA.

Home Mortgage Database Analyzer: A program designed to display, print, and export Home Mortgage Disclosure Act (HMDA) data and reports. Prepared for H. Badger and Company, Inc., Greensboro N.C.

Executive Information System: A customized bank branch planning GIS application used by two large banking corporations for strategic planning. Developed using Visual Basic 6 and MapObjects by ESRI.

Numerous GIS Viewing and Analysis Utilities: Developed for clients using Visual Basic, MapObjects, and ArcObjects.