

## Jeff Parkey

PhD Student, Graduate Assistant, Clemson University, Strom Thurmond Institute, Clemson, South Carolina

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### Areas of Expertise

Geographic Information Systems, Remote Sensing, Environmental Planning, Environmental and Natural Resource Policy.

### Educational Background

University of Georgia, Athens, Georgia, B.A., 1994.

Clemson University, Clemson, South Carolina, M.C.R.P., 1999.

### Professional Experience

GIS Analyst, North Wind, Inc., Greenville, South Carolina, May 2005- August 2006.

Lecturer, Research Associate, Clemson University, Department of Planning and Landscape Architecture and Strom Thurmond Institute, Clemson, South Carolina, 2001-2005.

Adjunct Faculty Member, Greenville Technical College, Department of Geomatics Technology, Greenville, South Carolina, 2001.

GIS Department Manager, Anderson County Planning Division, Anderson, South Carolina, 2000-2001.

GIS Department Manager, Greenwood County Planning Department, Greenwood, South Carolina, 1999-2000.

### Professional Memberships

South Carolina State Mapping Advisory Committee, Carolina URISA, Foothills Arc User Network, American Society of Photogrammetry and Remote Sensing.

### Professional Development

“Introduction to ArcGIS 9.1”, Greenville Technical College, Greenville, SC, June 17, 24, 2005.

“Spectral Analysis with ENVI”, RSI, Boulder, Colorado, March 22-25, 2005.

“Exploring ENVI”, RSI, Vienna, Virginia, December 14 -17, 2004.

“Fundamentals of ERDAS Imagine”, Leica Geosystems, Atlanta, Georgia, June 21-23, 2004.

“Building Geodatabases II”, Environmental Systems Research Institute, Charlotte, North Carolina, November 11-12, 2004.

“Dealing with Dirt: Conference on Erosion and Sediment Management Issues in the Upstate”, Saluda Reedy Watershed Consortium/Upstate Forever, Greenville, S.C., September 23, 2004.

“Turning Imagery into Information Using ERDAS Imagine”, Leica Geosystems, Columbia, South Carolina, March 13, 2004.

“Introduction to ArcGIS I and II”, Environmental Systems Research Institute, Clemson, South Carolina, August 5-9, 2002.

“Travel Demand Modeling with TransCAD”, Caliper Corporation, Boston, Massachusetts, June, 2002.

“Introduction to ArcGIS”, Foothills Arc User Network and Environmental Systems Research Institute, Greenville, South Carolina, December 20 and 21, 2001.

“Applications and Use of CITYgreen Software”, American Forests and Berkeley-Charleston-Dorchester Council of Governments, Charleston, South Carolina, February 6 and 7, 2001.

“Managing a GIS”, Environmental Systems Research Institute, Charlotte, North Carolina, October 31, 2000.

“Advanced ArcInfo”, Environmental Systems Research Institute, Charlotte, North Carolina, July, 1999.

### Publications, Presentations

Kleppel, G.S., J. Allen, G. Liu, D. Newman and J. Parkey (2005). Land use and the distribution of purple loosestrife (*Lythrum salicaria*): Relationships detected with remotely sensed, hyperspectral data from the Hudson Valley, New York (Paper presented at the 90th Ecological Society of America (ESA) Annual Meeting Montreal, Canada • 7-12 August 2005).

Guoxiang Liu, Jeff Parkey, Kang Lu, Jeff Allen, Gary Kleppel and David Newman: “The Environmental Impacts of the Invasive Plant Purple Loosestrife and Its Hyperspectral Monitoring”, The 11th International

Interdisciplinary Conference on The Environment. June 22-25, 2005, Orlando, FL, USA

“Effective Geographic Information System Implementation: An Investigation from Practice to Theory”  
reprinted with permission, ICFAI University School of Business, Bangalore, India (in press).

“Predicting Future Compliance from Past Performance: A Methodology for Targeting Environmental Compliance and Enforcement Activities”, report to South Carolina Department of Health and Environmental Control and United States Environmental Protection Agency, July, 2004.

“Effective Geographic Information System Implementation: An Investigation from Practice to Theory”, South Carolina Mapping Network, South Carolina Mapping Advisory Committee, [www.scmapping.net](http://www.scmapping.net), 2004.

“Meeting Air Quality Standards Through Alternative Scenarios in Transportation Modeling”, report to South Carolina Department of Transportation, December, 2003.

“If You’re Happy with Your Consultant, and You Know It...Keep ‘Em”, South Carolina Mapping Network, South Carolina Mapping Advisory Committee, [www.scmapping.net](http://www.scmapping.net), 2003.

“Meeting Air Quality Standards through Alternative Scenarios in Transportation Modeling”, South Carolina Metropolitan Planning Organization Conference, Beaufort, South Carolina, May 5, 2003.

“GIS in Urban Planning: Greenville's Reedy River Master Plan Project”, Environmental Systems Research Institute International User Conference, San Diego, California, July 8-13, 2002.

“Using GIS to Gather Public Information: The Reedy River Master Plan Project”, conference of the South Carolina State Mapping Advisory Committee, Greenville, South Carolina, February 6-8, 2002.

“Public Access to Land Records Information in Greenwood County”, conference of the North Carolina/South Carolina State Mapping Advisory Committee, Columbia, South Carolina, January 26-27, 2000.