

Chris W. Strother

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EDUCATION

University of Georgia, Athens, GA (Current)

MS in Geography with a focus on remote sensing applications/mapping –
Current – 4.0 GPA

Gainesville State College, Oakwood, GA

BS in Applied Environmental Spatial Analysis
Geographic Information Systems Certificate
May 2011

Focus on GIS and Remote Sensing applications in natural resource
analysis and management –**3.96 GPA**

Classes included Remote Sensing, Digital Image Processing, Soil Science,
Hydrology, Freshwater Invertebrate Zoology, Environmental Chemistry,
Streams and Wetlands, and Limnology

University of North Carolina, Chapel Hill, NC

BA in History
December 1992

Focus on Southern American history

EMPLOYMENT

University of Georgia, Department of Geography (Current)

- Research Assistant to Dr. Marshall Shepherd
- Teaching Assistant Spring 2012 in Remote Sensing with Dr. Thomas Jordan

Gainesville State College, Oakwood, GA

February 1, 2010 – May 7, 2011

Project Manager - Hall County/GSC Stormwater Inventory

- Work with Hall County GIS department to inventory stormwater features in a geodatabase
- Convert AutoCAD files submitted by local developers to .shp files within ArcGIS
- Alert Hall County to discrepancies in submitted plats

Project Manager – USGS National Map Orthophoto Seamline Editing

- Supervise group of 10 student workers in seamline editing workflow
- Responsible for QA/QC of work to be submitted for the National Map
- Conduct regular team meetings and seminars including developing instructional materials and presentations
- Make regular reports to the project PI regarding progress
- Liaison with “sister” group at the University of Georgia

PROFESSIONAL SKILLS

Project Manager – University System of Georgia – Board of Regents

- Created over 50 maps showing healthcare programs and professions in the state of Georgia for 2009
- Worked with USG representative to compile, manage, and represent a vast amount of spatial data

Hospitality Industry, North Carolina and Georgia

January 1, 1989 – December 11, 2011

Sous-Chef, Chef, General Manager, Director of Operations

- Responsible for daily operations of 10 coffeehouse franchise units
- Managed staff of 20-30 employees
- Ensured customer service standards were exceeded
- 1994 NC Dept. of Labor “Apprentice of the Year”

Publications and Conferences

Journal Articles (Peer-Reviewed)

Submitted (Under Review)

In Progress

Peer-Reviewed Conference Proceedings

Strother, C. W., & Panda, S. S. (2011). Soil Moisture and Peanut Crop Yield Correlation Study in Georgia with Two Contrasting Precipitation Years. *Proceedings of the 2011 Georgia Water Resources Conference*. Athens: Warnell School of Forestry and Natural Resources.

Conference Presentations

Object based image analysis (OBIA) Presented at 2010 Mid South ASPRS Conference in Athens, GA – 2nd Place in Undergraduate Student Paper Competition

Soil Moisture and Peanut Crop Yield Correlation Study in Georgia with Two Contrasting Precipitation Years (April 2011 w/Dr. Sudhanshu Panda – Presented at 2011 Georgia Water Resources Conference in Athens, GA.

Grants, Funding and Other Awards

Grants

AmericaView grant co-author (with A. Eury, S. Bernardes, P. Lines, T. Johnson) under Dr. Marguerite Madden (P.I.) to develop MultiSpec Tutorials (Budget - \$10000)

Awards and Honors

Spring 2009 Merit List

Fall 2009 Merit List

Spring 2010 Dean's List

Fall 2010 Merit List

Spring 2011 Merit List

2009-2010 Science Scholarship

2009-2010 Ed Mayhew Memorial Scholarship

2nd Place Mid-South ASPRS Undergraduate Student Paper Competition

2010 Gainesville State College Outstanding GIS Student of the Year

Service and Leadership

Volunteer Opportunities

2011 UGA organizer for UN/ASPRS crisis mapping session to aid Somali refugees

2011 SOFORGIS Conference Session Moderator

2011 Geography/School of Public Health Workshop Session Instructor

2010 Georgia Water Resources Conference Student Volunteer

2008-Present volunteer for Learning Ally, an organization that records learning materials for students with learning obstacles

Student and Professional Affiliations

President - UGA Chapter ASPRS Fall 2011-Spring 2012

Member - AAG (Southeastern Division)

Member – ASPRS (Mid-South Chapter)

Member - GA URISA

Geospatial Alliance (GSC –Outreach Officer) Spring 2011

Student Member GSC Environmental Committee 2010-2011

Computer/Laboratory Skills

ArcInfo 9.3, 10

ArcScene 10

ArcGlobe 10

ERDAS Imagine 2010

eCognition Developer 8.0

IDRISI-The Andes Edition

USFS Fusion Viewer

Quick Terrain Modeler 7.1

Adobe Photoshop CS4

Python

Microsoft VBA

Microsoft Office

Freshwater Invertebrate Collection Techniques

Stream and Habitat Assessments

Quantitative Chemical Analysis of Water and Soil Samples

