

## Curriculum Vitae

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### **Justin Timothy Maxwell**

**Department of Geography**  
**The University of North Carolina at Greensboro**  
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#### **Education**

##### **The University of North Carolina at Greensboro, Greensboro, NC**

Doctor of Philosophy (Ph.D.) in Geography – Current Student

Dissertation: ***ON GOING***

Advisor: Dr. Paul A. Knapp

##### **Appalachian State University, Boone, NC**

Master of Arts (M.A.) in Geography – August 2008.

Thesis: *Drought and Other Driving Forces Behind Population Change in Rural Counties in the United States.*

Advisor: Dr. Peter T. Soulé

##### **Appalachian State University, Boone, NC**

Bachelor of Science (B.S.) in Business Administration (Concentration in Hospitality and Tourism and a Minor in Geography) – August 2002.

#### **Research Interests**

Climatology, Biogeography, Dendrochronology, and Forest Disturbances

#### **Professional Experience**

2009 – Present ***Instructor and Research Assistant*** for “Radial Growth Response amount Naturally-Occurring Western U.S. Conifers under Changing Environmental Conations” funded by National Science Foundation, Principal investigators: Paul Knapp and Peter Soulé. Assisted in collection and preparation of tree-ring cores and created master chronologies from Douglas Fir, Ponderosa, and Sub-alpine Larch. Lecture Geography 103 (Introduction to Earth Science).

2008 - 2009 ***Laboratory Instructor and Research Assistant***, Department of Geography, The University of North Carolina at Greensboro. Taught lab sections for Geography 106 (Geosystems Science) and Geography 111 (Physical Geology), assisted in the GIS laboratory, and the in collection and preparation of tree-ring cores and created a master chronology from Sitka Spruce for the Carolina Tree-Ring Science Laboratory.

2006-2008 **Teaching/Research Assistant** in the Department of Geography and Planning, Appalachian State University. **Teaching responsibilities** included occasionally lecturing class (*Introduction to Physical Geography*), updating GIS labs for the *Geographical Hydrology* class, assisting with class, and grading labs. **Research responsibilities** included assisting in the collection of tree cores in the field, mounting and preparing tree cores and cross-dating cores, (Dendroecology Laboratory), constructing a literature review on the automated detection of lineaments, obtaining satellite images of regions in the Andes of Bolivia.

### **Publications**

Under Review **J.T. Maxwell**, P. T. Soulé, P. A. Knapp, J. T. Ortegren, and M. A. Sufficool. Drought-busting tropical cyclones in the southeastern Atlantic United States. *Annals of the Association of American Geographers*.

2009 **J. T. Maxwell** and P. T. Soulé. Drought in the United States during 2007: Historical perspectives. *Climate Research*. V 38: 95-104.

### **Presentations at Professional Meetings**

Nov. 2009 **Justin Maxwell**, Peter Soulé, Paul Knaap, Jason Ortegren, and Matthew Sufficool. Drought-busting tropical cyclones in the southeastern Atlantic United States: 1950–2008. *Sixty-Fourth Annual Meeting of the Southeastern Division of the Association of American Geographers*, Knoxville, TN.

Nov. 2009 Jason Ortegren, Paul Knapp, **Justin Maxwell**, and Peter Soulé. Homogenous summer drought regions in the contiguous U.S.A. and their relative susceptibility to multi-year sustained drought events. *Sixty-Fourth Annual Meeting of the Southeastern Division of the Association of American Geographers*, Knoxville, TN.

Mar. 2009 **Justin Maxwell** and Peter Soulé. How Does the United States Drought of 2007 Compare Historically? *Annual Meeting of the Association of American Geographers*, Las Vegas, NV. (Poster)

Nov. 2008 **J.T. Maxwell**. Drought and other driving forces behind population change in rural counties in the United States. *Sixty-Third Annual Meeting of the Southeastern Division of the Association of American Geographers*, Greensboro, NC.

Apr. 2008 **J.T. Maxwell**. Drought in the United States during 2007: historical perspective versus media attention. *Eleventh Annual Celebration of Student Research and Creative Endeavors*, Boone, NC. (Poster)

### **Community Outreach**

2009 Determined the calendar year of construction for a barn in Asheboro, N.C. using dendrochronology techniques.

### **Courses Taught**

Geography 103 – Introduction to Earth Science  
Lab section of Geography 106 – Geosystems Science  
Lab Section of Geography 111 – Physical Geology

### **Honors and Awards**

2009 Nominated for the *Cratis D. Williams Thesis Award*, Appalachian State University

2007-2008 Julian Yoder Scholarship, Department of Geography and Planning, Appalachian State University.

### **Memberships**

Association of American Geographers  
Southeastern Division of the Association of American Geographers