



## **Keisha Harrison Wilkins**

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### **EDUCATION**

M.A., Geography, University of Maryland-College Park, 2001-2003  
Concentration: Remote Sensing and GIS

B.S., Computer Science, Minor in GIS/Remote Sensing and Business, Elizabeth City State University, Elizabeth City, NC 1997-2001

### **PROFESSIONAL EXPERIENCE**

Research Associate, 2003 – Present  
CERSER  
Elizabeth City State University, Elizabeth City, NC

Assistant Coordinator, 2004-2005  
You Be the Scientist with Remote Sensing Outreach Program  
Elizabeth City State University, Elizabeth City, NC

Assistant Coordinator, 2004-2005  
Mathematics Sprint Competition Outreach Program  
Elizabeth City State University, Elizabeth City, NC

### **PROFESSIONAL ACTIVITIES**

IEEE-Geoscience & Remote Sensing Society Eastern North Carolina Chapter, Secretary/Treasurer, 2003-present  
Minorities Striving and Pursuing Higher Degrees of Success in Earth System Science Cohort, 2007

### **PROFESSIONAL PRESENTATIONS**

Hayden, L , Harrison-Wilkins, *Mentoring Minority Undergraduates Through Remote Sensing and Geo-Information Science Research*, African Association of Remote Sensing of the Environment (AARSE) 2004 bi-annual conferences, Oct. 18-21, 2004 Nairobi Kenya

Harrison-Wilkins, K, Hayden L., *Correlations of AVHRR Sea Surface Temperature with the Presence of Sea Turtles*, IEEE- IGARSS Proceedings, Toulouse France, July 2003

K. Harrison, Hayden L., *Innovative Visualization of Geospatial Data for Transportation Engineering Applications*, IEEE- IGARSS Proceedings, Sydney Australia, July 2001

K. Harrison, *Visualization of Geospatial Data for Transportation Engineering Applications*, 13<sup>th</sup> Annual National Black Graduate Student Conference, Lubbock, TX, March 2001

K. Harrison, *Configuring a Unix Workstation*, 12<sup>th</sup> Annual National Black Graduate Student Conference, Madison, WI, March 2000

## **RESEARCH EXPERIENCE**

ECSU Undergraduate Research Program, *Micro Study of Water Quality of Elizabeth City's Drinking Wells*, 2006-2007

Undergraduate Experience in Ocean and Marine Science, *Automating the TeraScan Image Process for Creation of NOAA AVHRR Data Products*, 2006

Undergraduate Experience in Ocean and Marine Science, *Determining the Correlation between Sea Surface Temperature, Chlorophyll Concentrations and the Presence of *Caretta caretta* and *Chelonia mydas* in the Mid-Atlantic*, 2005

ECSU Undergraduate Research Experience, *Remote Sensing of Turbidity and Water Clarity in the Atlantic Ocean with the Use of SeaWiFS Data*, 2003-2004

Undergraduate Experience in Ocean and Marine Science, *Correlation of AVHRR SST with the Presence of Loggerhead Sea Turtles*, 2002

Undergraduate Experience in Ocean and Marine Science, *CoastWatch Validation Study*, 2001

Environmental Monitoring Program, *Geospatial Visualization Innovation for Transportation Engineering: Interpreting the Best Location for a Truck Safety Weight Enforcement Facility*, University of Wisconsin-Madison, 2000

Ronald McNair Post Baccalaureate Achievement Program, *Configuring a Unix Workstation*, 1999

## **MEMBERSHIPS**

IEEE-Geoscience & Remote Sensing Society Eastern North Carolina Chapter, Secretary/Treasurer, 2003-present

## **PUBLICATIONS**

Harrison-Wilkins, K, Hayden L., *Correlations of AVHRR Sea Surface Temperature with the Presence of Sea Turtles*, IEEE- IGARSS Proceedings, Toulouse France, July 2003

K. Harrison, Hayden L., *Innovative Visualization of Geospatial Data for Transportation Engineering Applications*, IEEE- IGARSS Proceedings, Sydney Australia, July 2001