

2007 Student Honors Paper and Illustrated Paper Competition Winners

RSSG Student Honors Paper Competition

First Place

Amy Neuenschwander – University of Texas at Austin

Presentation Title: *Assessing Temporal Dynamics Using Landsat TM/ETM+: Disturbance and Resilience in the Okavango Delta, Botswana*

Prize: \$500

Second Place

Junmei Tang – Texas State University at San Marcos

Presentation Title: *Modeling urban landscape dynamics through fuzzy CA model*

Prize: \$300

Third Place

Kuan Song – University of Maryland at College Park

Presentation Title: *A Geolocation Accuracy Assessment of NASA Landsat GeoCover*

Prize: \$200

Honorable Mentions

Evan Ellicott – University of Maryland at College Park

Presentation Title: *Global Estimates Of Biomass Burning Particulate Matter Using Fire Radiative Power*

Prize: Clark Labs IDRISI License

Tao Zheng – University of Maryland at College Park

Presentation Title: *Mapping Incident Photosynthetically Active Radiation From AVHRR Data*

Prize: Leica Geosystems ERDAS Imagine License

Marco Millones – Clark University

Presentation Title: *Follies and fixes of commonly used indices of categorical map comparison in land change simulation models*

Prize: ESRI ArcGIS License

The Remote Sensing Specialty Group (RSSG) Student Honors Paper Competition was organized and chaired by RSSG Student Director Kelley O'Neal (University of Maryland at College Park). Many thanks to judges Dr. Soe Myint (Arizona State University), Dr. Matt Ramspott (Frostburg State University), and Dr. Steve Yool (University of Arizona). Also, many thanks to sponsors Clark Labs, Environmental Systems Research Institute (ESRI), and Leica Geosystems for their generous prize donations.

RSSG/GISSG/CSG Student Illustrated Paper Competition

First Place

Joseph Fortier – Clark University

Presentation Title: *A comparison of Machine Learning Algorithms: The Effects of Classification Scheme Detail on Map Accuracy*

Prize: \$500

Second Place

Karen Culcasi – Syracuse University

Presentation Title: *Cartography and the Construction of the "Middle East"*

Prize: \$300

Third Place

Aude Esperbé – San Diego State University

Presentation Title: *A High-Resolution Self-Organizing Map Based on Physical and Human Attributes of Geographic Space*

Prize: \$200

Honorable Mentions

Evan Martzial – Salem State College

Presentation Title: *Analyzing the 2006 Oil Spill off of Lebanese Coast*

Prize: ESRI ArcGIS License

James Langill – Salem State College

Presentation Title: *A Tale of two fires. A Comparison of the Mann Gulch and Storm King Mountain (South Canyon) fires*

Prize: Prentice Hall World Atlas

Devin Dworkin – Salem State College

Presentation Title: *An Urbanization Analysis and growth projection of greater Guangzhou City, Guangdong, China, 1990, 2000 and 2010*

Prize: Prentice Hall World Atlas

John Raymond, Sr. – Salem State College

Presentation Title: *Using LIDAR to measure roof areas in hurricane prone regions*

Prize: ESRI Press GIS A to Z Illustrated Dictionary

The Remote Sensing (RSSG), Geographic Information Systems and Science (GISSG), and Cartography (CSG) Specialty Groups Student Illustrated Paper Competition was organized and chaired by RSSG Student Director Jon Thayn (University of Kansas). Many thanks to judges Kelley O'Neal (University of Maryland at College Park), Dr. Feng Qi (University of Texas at San Antonio), Robert Roth (University of Wisconsin at Madison), and Dr. Zhixiao Xie (Florida Atlantic University). Also, many thanks to sponsors Environmental Systems Research Institute (ESRI) and Prentice Hall for their generous prize donations.