The 32nd Applied Geography Conference

Program and Proceedings

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October 28-31, 2009

Sheraton Baton Rouge
Convention Center Hotel
102 France Street
Baton Rouge, Louisiana 70802
Phone: (225) 242-2600 (225) 242-2600
2009 Applied Geography Conference
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The 32nd Applied Geography Conference

Conference at a Glance

Wednesday, 10/28/2009

5:00pm–7:00pm: Registration
6:30pm–7:00pm: Conference Keynote Speech (Livingston)
    Applied Geography on the Road to the 2010 Census: Geographic Activities Supporting the Decennial Census
7:00pm–8:30pm: Session W1 (East Baton Rouge)
    Census 2010
7:00pm-8:30pm: Exhibition and Poster Session Open
8:30pm–10:00pm: Opening Reception (Livingston)

Thursday, 10/29/2009

8:00am–3:00pm: Registration
8:30am–10:00am: Session T1
    M E Harvey I: Geographic Analysis (Iberville 1)
    Retail Geography (Iberville 2)
    Geography Education (Iberville 3)
10:00am–10:30am: Session Break
10:00pm-3:30pm: Exhibition and Poster Session Open
10:30am–12:00pm: Session T2
    Geospatial Technology (Iberville 1)
    Retail Geography Panel (Iberville 2)
    Diversity and Ethnic Issues Panel (Iberville 3)
    Applied Climatology (East Baton Rouge)
    Water Resources I (West Baton Rouge)
12:00pm–1:30pm: Lunch Break
1:30pm–3:00pm: Session T3
    Remote Sensing I (Iberville 1)
    Applied Urban Geography I (Iberville 2)
    Urbanization and Environment (Iberville 3)
    Hazards (East Baton Rouge)
    Applied Coastal Geomorphology (West Baton Rouge)
3:00pm–3:30pm: Session Break
3:30pm–5:00pm: Session T4
    Land Use Studies (Iberville 1)
    Environmental Policy and Analysis (Iberville 2)
    Diversity and Ethnic Issues (Iberville 3)
    Medical Geography (East Baton Rouge)
    Biogeography I (West Baton Rouge)
5:30pm–7:30pm: Dr. Milton E. Harvey Reception (Livingston)
Friday, 10/30/2009
8:00am–3:00pm: Registration
8:30am–10:00am: Session F1
   M E Harvey II (Iberville 2)
   Sports Geography (Iberville 3)
   Geography of Crime I (East Baton Rouge)
10:00am–10:30am: Session Break
10:00am–3:30pm: Exhibition and Poster Session Open
10:30am–12:00pm: Session F2
   GIS and Mapping (Iberville 1)
   Business Geography (Iberville 2)
   Applied Urban Geography II (Iberville 3)
   River Basins (East Baton Rouge)
   Land Boundary Issues and Water Policy (West Baton Rouge)
12:00pm–1:30pm: Luncheon (Livingston)
   Tropical Weather & the Bayou State: Understanding the Risk
1:30pm–3:00pm: Session F3
   Remote Sensing II (Iberville 1)
   Urban Transportation (Iberville 2)
   Local and Regional Black Geographies in the US (Iberville 3)
   Urban Heat (East Baton Rouge)
   Applied Physical Geography (West Baton Rouge)
3:00pm–3:30pm: Session Break
3:30pm–5:00pm: Session F4
   Agriculture (Iberville 1)
   Applied Political Geography (Iberville 2)
   M. E. Harvey III: Ethnic Geography (Iberville 3)
   Geography of Crime II (East Baton Rouge)
   Biogeography II (West Baton Rouge)
6:30pm–7:30pm: Board of Directors Meeting (Livingston)

Saturday, 10/31/2009
8:00am–2:00pm: Field Trip
   Geography of New Orleans: From Colonial Time to Post-Katrina
The 32\textsuperscript{nd} Applied Geography Conference

CONFERENCE PROGRAM

Wednesday, October 28, 2009
5:00 p.m. – 8:00 p.m.
Registration
Room

7:00 p.m. – 8:30 p.m.
Exhibition and Poster Paper Room Open

6:30 p.m. – 7:00 p.m.
Conference Keynote

Applied Geography on the Road to the 2010 Census: Geographic Activities Supporting the Decennial Census
Room: Livingston
Keynote Speakers: Michael Ratcliffe and Timothy Trainor, US Census Bureau

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Session W1: 7:00 p.m. – 8:30 p.m.

Census Geography
Room: \textit{East Baton Rouge}
Organizer: Michael Ratcliffe, US Census Bureau
Chair: Michael Ratcliffe, US Census Bureau

UPDATE ON THE PARTICIPANT STATISTICAL AREAS PROGRAM FOR THE 2010 CENSUS
Vince Osier and April Avnayim, US Census Bureau

UPDATE ON THE TRIBAL STATISTICAL AREAS PROGRAM FOR THE 2010 CENSUS
Joshua Coutts, US Census Bureau

ISSUES AND CONSIDERATIONS FOR DEFINING URBAN AND RURAL IN THE US, PUERTO RICO, AND ISLAND AREAS
Christopher Henrie, US Census Bureau

2010 CENSUS GEOGRAPHIC PRODUCTS: WHAT AND WHEN
Andrea Grace Johnson, Jennifer L. Holland, and Angela Andrade, US Census Bureau

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8:30 p.m. – 10:00 p.m.
Opening Reception

Room: Livingston

Thursday, October 29, 2009

Session T1: 8:30 a.m. – 10:00 a.m.

M E Harvey I: Geographical Analysis
Room: Iberville 1
Organizer: Eugene Tettey-Fio, Binghamton University
Chair: Milton E. Harvey, Kent State University

EXPLORING THE HOUSING MARKET IN PUERTO RICO: A CAUSAL CONCEPTUAL Model
José R. Díaz-Garayúa, University of Puerto Rico

SOCIAL AREA ANALYSIS REVISTED: METHODOLOGICAL IMPROVEMENTS AND APPLICATIONS
Alec Boros and Milton Harvey, Kent State University

A MULTILEVEL ANALYSIS OF FOOD DESERTS AND IMPACTS ON PEDIATRIC NUTRITIONAL HEALTH OUTCOMES IN BURKINA FASO
Florence Margai, Binghamton University

EXAMINING THE IMPACT OF CLIMATE CHANGE ON THE SPATIAL DISTRIBUTION OF COASTAL WETLAND COMMUNITIES IN THE NORTHEAST NSW
Sumith Pathirana, Clement Akumu and Serwan Baban, Southern Cross University, Australia

Retail Geography
Room: Iberville 2
Chair: Lawrence Joseph, Arizona State University

ANALYZING THE EFFECT OF BIG-BOX STORES ON A SPECIALTY RETAILER
Lawrence Joseph, Arizona State University

LOCATIONAL STRATEGIES OF LATINO GROCERY STORE OWNERS IN READING, PA
Mark Reisinger, Binghamton University

THE NUMBER AND SIZE OF BANK BRANCHES: TRENDS AND DETERMINANTS IN ILLINOIS
Bin Zhou, Southern Illinois University-Edwardsville
Geography Education
Room: Iberville 3
Chair: Richard G. Boehm, Texas State University-San Marcos

GEOGRAPHY ALUMNI PERCEPTIONS OF ACADEMIC PREPARATION FOR DISCIPLINE-RELATED JOBS AND CAREERS
Richard G. Boehm and Judy A. Behrens, Texas State University-San Marcos

A SYSTEMATIC APPROACH TO DEPARTMENT REVIEW USING SWOT-ANALYSIS
Jennifer Speights-Binet, Eric Fournier, and Jennifer Rahn, Samford University

GENDERED GEOGRAPHIES OF INTRODUCTORY HUMAN GEOGRAPHY TEXTBOOKS
Matthew J. Gerike, University of Missouri

SELF-EFFICACY AND PERFORMANCE OF COLLEGE STUDENTS ON A MAP SKILLS SURVEY
Gillian Acheson, Southern Illinois University-Edwardsville

10:00pm-3:30pm
Exhibition and Poster Session Open

Session T2: 10:30 a.m. – 12:00 p.m.

Geospatial Technology
Room: Iberville 1
Chair: Mandy J. Munro-Stasiuk, Kent State University

GROUND PENETRATING RADAR (GPR) ANALYSIS OF KARST ENVIRONMENT NEAR THE ANCIENT MAYA CENTER OF XUENKAL, YUCATAN, MEXICO
Mandy J. Munro-Stasiuk and T. Kam Manahan, Kent State University

GIS APPLICATION IN ARCHAEOLOGY WITH A CASE STUDY FROM YUCATAN, MEXICO
Justin P. Lowry, State University of New York-Albany

KINEMATIC GPS DATA ACQUISITION FACILITIES CAPSTONE COURSE INTEGRATION AND IMPLEMENTATION OF MITCHELL BEACH RESTORATION PROJECT
H. A. Didier, United States Military Academy
W. C. Wright, Mitchell College
C. M. Fleischmann, United States Coast Guard Academy

TEACHING GIS AND REMOTE SENSING UNDERGRADUATE COURSES EXTERNALLY: REFLECTIONS ON A DECADE OF EXPERIENCE
Sumith Pathirana, Southern Cross University, Australia
Strip Shopping Centers:
**Perspectives from Tenants, Landlords, and Investors**
Room: *Iberville 2*
Organizer and Chair: Tom Dwyer, Dutch Hill Consulting, Inc.

**TO LEAD OR TO FOLLOW? CHALLENGES AND OPPORTUNITIES FOR RETAIL EXPANSION IN A SLUGGISH ECONOMY**
Lawrence Joseph, Arizona State University

**PROACTIVE RESEARCH BY SHOPPING CENTER LANDLORDS TO ATTRACT AND MAINTAIN TENANTS**
Dave Daleiden, Daleiden Associates

**HISTORICAL PERFORMANCE OF SUPERMARKET-ANCHORED SHOPPING CENTERS DURING RECESSIONS**
Tom Dwyer, Dutch Hill Consulting, Inc.

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**Roundtable/Panel: Diversity and Ethnic Issues**
Room: *Iberville 3*
Organizer and Chair: J. W. Frazier, Binghamton University
Participants:
- Lawrence Estaville, Texas State University-San Marcos
- Eugene Tettey-Fio, Binghamton University
- Thomas Boswell, University of Miami
- Mark Reisinger, Binghamton University
- Angelika Wahl, Texas State University-San Marcos
- Linda S. Fair, Binghamton University

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**Applied Climatology**
Room: *East Baton Rouge*
Chair: Thomas W. Schmidlin, Kent State University

**TEMPERATURE CLIMATOLOGY OF A HIGH VALLEY IN THE JURA ALPS, LA BRÉVINE, SWITZERLAND**
Thomas W. Schmidlin and Jeanne A. Schmidlin, Kent State University

**GEOGRAPHICAL, METEOROLOGICAL AND CLIMATOLOGICAL CONDITIONS SURROUNDING THE 2008 INTERSTATE FOUR DISASTER**
Alicia Williams, Jennifer M. Collins, Charles H. Paxton, and Richard J. David, University of South Florida

**EVAPOTRANSPIRATION RATES OVER IRRIGATED COTTON IN NORTHEASTERN LOUISIANA**
Robert V. Rohli, E. L. Clawson, and S. A. Hribal, Louisiana State University

COMPARISON OF THE ATMOSPHERIC ENVIRONMENTS LEADING TO THE 1957 AND 2007 FLOODS IN TEXAS
Kent M. McGregor, University of North Texas-Denton

Water Resources I
Room: West Baton Rouge
Organizer and Chair: Paul F. Hudak, University of North Texas-Denton

CHARACTERING STORM WATER RUNOFF FROM NATURAL GAS WELL SITES IN NORTH-CENTRAL TEXAS
Paul F. Hudak and David J. Wachal, University of North Texas-Denton

WATER SUPPLY AND CLIMATE CHANGE: RETHINKING GROWTH REGIMES IN TEXAS
Kevin Romig and Laura Stroup, Texas State University-San Marcos

EFFECT OF CLIMATE CHANGE ON GROUNDWATER RECHARGE IN CENTRAL WISCONSIN
David L. Ozsvath, University of Wisconsin-Stevens Point

THE WATER BUDGET, CLIMATE VARIABILITY, AND IMPACTS ASSESSMENT IN NORTHEAST KANSAS
Iris E. Wilson, John Harrington, Jr., Kendra McLauchlan, Elias Martinson, and Stacy L. Hutchinson, Kansas State University

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Session T3: 1:30 p.m. – 3:00 p.m.

Remote Sensing I
Room: Iberville 1
Chair: Michael N. DeMers, New Mexico State University

LANDFORM-BASED ECO-REGIONAL MAPPING IN ARID ENVIRONMENTS: LESSONS FROM THE CHIHUAHUAN DESERT
Michael N. DeMers, Daniel P. Dugas, Walter G. Whitford, and Janet Greenlee, New Mexico State University

CHARACTERIZATION AND MONITORING THE DECLINE OF WOODY SPECIES IN PROTECTED AREAS IN NORTHERN CAMEROON: ANALYSIS IN THE FOREST RESERVE KALFOU USING REMOTE SENSING
Wafo Tabopda Gervais, US 140 ESPACE IRD, France
Yengue Jean-Louis, UMR CITERES, France
SEMI-AUTOMATED TO AUTOMATED REFINING METHODOLOGY FOR MID-SCALE LANDFORM MAPPING
Kakoli Saha, Kent State University

VARIABILITY PATTERNS AND OUTLIER SMOOTHING OF THE USGS EDEN DEM IN THE A.R.M. LOXAHATCHEE NATIONAL WILDLIFE REFUGE (LNWR)
Zi Xiao Xie, Florida Atlantic University

**Applied Urban Geography I**
Room: *Iberville 2*
Organizer and Chair: Dawna Cerney, Youngstown State University

DEFINING CLEVEBURGH: AN AREA THAT COULD HAVE A GREEN FUTURE
Dawna Cerney, Youngstown State University

SOCIO-ECONOMIC CHARACTERISTICS OF DIFFERENT LAND USE IN AUSTIN, TEXAS 2000
Keith Bremer, Texas State University-San Marcos

LIFE AND DEATH OF A HILL COUNTRY DREAM? CONNECTING LAND DEVELOPMENT AND NATURE
Emariana S. Taylor, Kent State University
James W. Vaughan, Texas State University-San Marcos

**Urbanization and Environment**
Room: *Iberville 3*
Chair: Jay D. Gatrell, Indiana State University

BRANDING AND GROWING PLACE-BASED CLUSTERS: THE CASE OF THE NORTHWEST OHIO GREENHOUSE INDUSTRY
Neil Reid, University of Toledo
Bruce W. Smith, Bowling Green State University
Dwight Haase, Paula Ross, and Anastasia Mirzoyants, University of Toledo
Jay D. Gatrell, Indiana State University

REGIONAL ENVIRONMENTAL ENTERPRISE ZONES FOR GREEN INDUSTRIES POWERED BY LANDFILL WASTES
Robert Larsen, Texas State University-San Marcos

SPATIAL PATTERNS OF NEIGHBORHOOD RECOVERY: A CASE STUDY FROM THE 2007 SOUTHERN CALIFORNIA
Jacqueline W. Mills, California State University-Long Island
Andrew Curtis, University of Southern California
PERCEPTS OF SUSTAINABLE COMMUNITY DEVELOPMENT AND NATURAL RESOURCE MANAGEMENT: A CASE STUDY OF TWO MONTANA AMENITY TOWNS
Ryan Bergstrom, Kansas State University

**Geography of Hazards**
Room: *East Baton Rouge*
Organizer: Burrell E. Montz, East Carolina University and Graham A. Tobin, University of South Florida
Chair: Burrell E. Montz, East Carolina University

RESPONSES TO WARNINGS: THE MOTHER’S DAY WEEKEND TORNADO OF 2008
Burrell E. Montz, East Carolina University

BUILDING CODES AND RESIDENTIAL STRUCTURES: SPATIAL AND TEMPORAL PATTERNS OF HURRICANE WIND DAMAGE
Graham A. Tobin, University of South Florida
Jeff Burton, Association of Millwork Distributors

HEAVY RAINFALL FROM TROPICAL CYCLONES IN ST. LOUIS, MISSOURI, USA
Michael J. Grossman, Southern Illinois University-Edwardsville
Masumi Zaiki, Seikei University, Japan

**Applied Coastal Geomorphology**
Room: *West Baton Rouge*
Organizer: Patrick Hesp, Louisiana State University
Chair: Michael Bitton, Louisiana State University

WAVE ENERGY VARIABILITY AND LONG SHORE SEDIMENT TRANSPORT DURING WINTER STORM EVENTS AND IMPLICATIONS FOR LAND MANAGEMENT, GULF COUNTY, FLORIDA
Michael Bitton, Felix Jose, Greg Stone, and Patrick Hesp, Louisiana State University

BLOWOUT AND PARABOLIC DUNE MIGRATION RATES IN MANAWATU REGION, NEW ZEALAND
Katherine Renken and Patrick Hesp, Louisiana State University

THE EFFECT OF TRAMPLING ON COASTAL DUNE VEGETATION
Philip Schmutz, Patrick Hesp, Katherine Renken, Ryan Orgera, And Luke Driskell, Louisiana State University

SOIL MAPPING WITH GIS AND REMOTE SENSING: A CASE STUDY FROM LOUISIANA
Yuanda Zhu and David C. Weindorf, Louisiana State University

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Session T4: 3:30 p.m. – 5:00 p.m.
Land Use Studies
Room: *Iberville 1*
Chair: Paporn Thebpanya, Towson University

USING HIGH-RESOLUTION THERMAL INFRARED DATA FOR LAND USE AND LAND COVER MAPPING IN THE ATLANTA METROPOLITAN AREA
Paporn Thebpanya, Towson University

MAPPING AND ANIMATING HISTORICAL URBAN GROWTH USING THE LANDSAT ARCHIVE
Charles Roberts, J. L. Delahunty, and Gillian Breary, Florida Atlantic University

A PARCEL-BASED NEURAL NETWORK FOR MODELING MULTI-CATEGORICAL LAND USE CHANGE
Kan Shou Lu and John Morgan III, Towson University
Jeffery Allen, Clemson University

SPATIO-TEMPORAL DYNAMICS OF WATER USE IN EL PASO COUNTY, TEXAS: AN ASSESSMENT OF THE 1991 WATER CONSERVATION ORDINANCE
Jiao Wang, Texas State University-San Marcos

Environmental Policy and Analysis
Room: *Iberville 2*
Organizer and Chair: Bradley Cullen, University of New Mexico

Cape Town: A Future Queer ‘Mecca’
Bradley Cullen, University of New Mexico

THE NATIONAL ENVIRONMENTAL POLICY ACT: IS IT TIME TO PUT TEETH BACK IN THE TIGER?
Melinda H. Benson, University of New Mexico

THE ASCE MODEL STATE WATER CODE – REVISITED
Olen Paul Matthews, University of New Mexico

Race and Ethnicity
Room: *Iberville 3*
Chair: David A. Padgett, Tennessee State University

AFRICAN AMERICAN STAKEHOLDERS’ ENVIRONMENT PERCEPTION WITH REGARD TO A MAJOR URBAN DEVELOPMENT PROJECT
David A. Padgett and Christopher Norwood, Tennessee State University

AN INVESTIGATION OF THE ROLE OF ETHNIC ATTITUDES ON THE CAUSAL LINKAGE BETWEEN ETHNIC IDENTITY AND ETHNIC BEHAVIOR AMONG THREE GENERATIONS OF GREEK AMERICANS.
IS ETHNIC ATTITUDE AS A MEDIATOR OR MODERATOR?
Milton E. Harvey, Kent State University
Stavros Constantinou, Ohio State University

DAYLIGHT SAVING TIME AS AN EXPRESSION OF REBELLION IN CHIÑÓN, CHIAPAS, MEXICO
Eric Samson, Texas State University-San Marcos

Medical Geography
Room: East Baton Rouge
Chair: Bimal Kanti Paul, Kansas State University

ATTITUDES TOWARD ARSENICOSIS VICTIMS IN RURAL BANGLADESH: AN EMPIRICAL STUDY
Bimal Kanti Paul, Kansas State University

POLICY PLAY: ASSESSING PROVINCIAL FRAMEWORKS FOR CHILD MENTAL HEALTH REFORM
Amanda Slaunwhite, Queen’s University and University of Victoria, Canada

WHEN DOES WEST NILE VIRUS TRANSMISSION CYCLE PEAK AT A LOCAL LEVEL? EVIDENCES AND RELATED VECTOR CONTROL STRATEGIES FROM TWIN CITIES METROPOLITAN AREA OF MINNESOTA
Debarchana Ghosh, Kent State University

Biogeography I
Room: West Baton Rouge
Chair: Christopher A. Badurek, Appalachian State University

INTEGRATION OF GIS AND GESENSORS FOR ENVIRONMENTAL MONITORING AND PRECISION VITICULTURE IN NORTHWESTERN NORTH CAROLINA
Christopher A. Badurek and Lauren A. Hunter, Appalachian State University

TRAUMATIC RESIN DUCTS IN TREE RINGS: A NEW TECHNIQUE FOR DATING NATURAL HAZARDS IN GLACIER NATIONAL PARK, MONTANA
David R. Butler and Jacob A. Maas, Texas State University-San Marcos
Carol Sawyer, University of South Alabama

TREEFALL EVIDENCE FOR HIGH WIND EVENTS IN HAWN STATE PARK, ST. FRANCOIS MOUNTAINS, MISSOURI: A CASE STUDY IN SELECTIVE FIELD DATA COLLECTION
James Thomka and Luke Marzen, Auburn University

MUMODIMO: DESIGN OF A MODEL FOR STUDYING LAND FRAGMENTATION IMPACTS ON PLANT DIFFUSION
John D. Waldron, University of West Florida-Pensacola

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5:30 p.m. – 7:30 p.m.
Reception for Dr. Milton E. Harvey
Sponsored by Kent State University
Room: Livingston
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7:30 p.m. – 8:30 p.m.
Editorial Board Meeting
Journal of Applied Geography
Dr. Jay Gatrell, Indiana State University
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Friday, October 30, 2009

Session F1: 8:30 a.m. – 10:00 a.m.

M E Harvey II: Environment and Urban Geography
Room: Iberville 2
Organizer: Eugene Tettey-Fio, Binghamton University
Chair: Milton E. Harvey, Kent State University

ASSESSING THE IMPACT OF VARIABLE WEIGHING STRATEGIES ON THE SPATIAL PATTERN OF HAZARD VULNERABILITY
Jim Lein and Lyndsey E. Abel, Ohio University

MULTIPLE CHOICE IDENTITIES: CLARKSVILLE, TN, AS THE TOP SPOT TO BE THE QUEEN CITY OF THE NEW SOUTH
Robert Sirk, Austin Peay State University

EMPLOYMENT CONSIDERATIONS IN THE CHANGING PATTERNS OF MANUFACTURING IN CLEVELAND
Mary Ann Haley, Kent State University

Sports Geography
Room: Iberville 3
Chair: Magnus Svindal, Ryerson University, Toronto, Canada

EXPLORING THE SPORTS LANDSCAPE OF TORONTO: FORM, FUNCTION, AND FACILITIES
Tony Hernandez, Ida Berger, and Ted Rogers, Ryerson University
Norman O’Reilly, Laurentian University, Canada
Milena Parent, University of Ottawa, Canada
Magnus Svindal, Ryerson University, Canada

MASCOTS IN MINNESOTA- FROM AWESOME BLOSSOMS TO ZEPHYRS: THE GEOGRAPHICAL SIGNIFICANCE OF HIGH SCHOOL NICKNAMES
Mark J. Westpfahl, University of Minnesota

TAKING GROUNDWORK HOME: A STUDY IN PROJECT-BASED GROUP COOPERATION IN THE LIGHT OF GEOGRAPHIC DIFFERENCES
David Olesh, Pace University School of Education, New York and Automotive High School, New York

A CAPITAL IDEA: A NEW LOOK AT STATE CAPITALS
Michael Round, Center for autoSocratic Excellence
Geography of Crime I
Room: East Baton Rouge
Organizer and Chair: Ronald Wilson, National Institute of Justice

ANALYSIS OF CRIME PATTERNS IN THE SHAWNEE AREA OF METRO LOUISVILLE BEFORE AND AFTER A LOCAL BAN ON ALCOHOL RATE
Mark Stanfill and Wei Song, University of Louisville

IDENTIFYING THE CORRECT GRID CELL SIZE FOR THE SPATIAL ANALYSIS OF CRIME DATA
Ronald Wilson, National Institute of Justice
Joel Hunt, American University
Timothy H. Brown, National Institute of Justice

SIMULATING PROPERTY CRIMES WITH NEIGHBORHOOD LIFE CYCLES
Jay Lee, Kent State University

10:00pm-3:30pm
Exhibition and Poster Session Open

Session F2: 10:30 a.m. – 12:00 p.m.

GIS and Mapping
Room: Iberville 1
Chair: Fahui Wang, Louisiana State University

MAPPING DIGITAL DIVIDE IN NEIGHBORHOOD: WI-FI ACCESS IN BATON-ROUGE, LOUISIANA
Luke Driskell and Fahui Wang, Louisiana State University

PREDICTING GPS SIGNAL PERFORMANCE UNDER FOREST CANOPY USING AIRBORNE LASER SWATH MAPPING

ASSESSING 3D WEB-MAPPING TECHNOLOGY IN PHYSICAL GEOGRAPHIC EDUCATION
S. Houlton, C. W. Cooper, S. Fuhrmann, J. L. Ostling, A. Wranic, and C. Perry, Texas State University-San Marcos

MAPPING THE PAST: VISUALIZATION OF HISTORICAL SURVEY RECORDS USING GIS
Gang Gong, Sam Houston State University

Business Geography
Room: Iberville 2
Chair: Rebecca A. Johns, University of South Florida
ASSESSING VOLUNTARY SIMPLICITY
Rebecca A. Johns, University of South Florida

CORTANA MALL: CHANGING DEMOGRAPHY, CHANGING BUSINESS – A GEO-STATISTICAL ANALYSIS
Myrtho Joseph, Louisiana State University

SPATIAL PATTERNS OF AVERAGE PROFITABILITY IN JAPANESE MANUFACTURING ACCORDING TO ESTABLISHMENT SIZE, 1985-2006
Shawn Banasick, Kent State University

Applied Urban Geography II
Room: Iberville 3
Chair: Rajiv Thakur, University of South Alabama

URBANIZATION AND URBAN STRUCTURAL CHANGES IN MOBILE MSA
Rajiv Thakur, University of South Alabama

URBAN POPULATION DENSITY IN THREE INTERMEDIATE SIZE CITIES OF SOUTH AMERICA
Betty Smith, Eastern Illinois University

APPLICATION OF A HOUSEHOLD-LEVEL ACCESSIBILITY MODEL TO ASSESS THE CHANGE IN TRAVEL TIME OF NEW ROUTE IMPLEMENTATIONS IN ALBUQUERQUE, NEW MEXICO
Clark Tribby, University of New Mexico

A GIS ANALYSIS OF HOUSING DENSITY HISTORIES AND RURAL LAND USE CHANGE PROCESSES IN WATAUGA COUNTY, NORTH CAROLINA
Christopher A. Badurek and Austin Chamberlain, Appalachian State University

Rivers and Basins
Room: East Baton Rouge
Organizer and Chair: John Harrington, Kansas State University

ENVIRONMENTAL CONDITIONS AND RESTORATION ACTIONS IN THE RAINWATER BASIN WETLAND COMPLEX, NEBRASKA
Rex Robichaux and Lisa Harrington, Kansas State University

AN ASSESSMENT OF THE HISTORICAL HYDROCLIMATOLOGY OF THE ANIMAS RIVER BASIC AT DURANGO, COLORADO
C. Andrew Day, Texas State University-San Marcos

A GEOGRAPHIC HISTORY OF THE BRAZOS RIVER DIVERSION AND ITS IMPLICATION FOR REGIONAL DEVELOPMENT
Christi Townsend, Texas State University-San Marcos

**Land Boundary Issues and Water Policy**
Room: *West Baton Rouge*
Organizer and Chair: Philip L. Chaney, Auburn University

**THE GRID MEETS THE LONG LOT**
Elizabeth Vaughan, Ball State University

**THE GEORGIA-TENNESSEE STATE BOUNDARY LINE DISPUTE OVER LAND AND WATER RIGHTS**
Philip L. Chaney, Auburn University

**MANAGING WATER SUPPLY IN THE MIDST OF RAPID GROWTH AND CLIMATE CHANGE**
Laura Stroup and Kevin Romig, Texas State University-San Marcos

**TRADEOFFS BETWEEN WATER AND HEAT IN PHOENIX, AZ: TOWARD A MORE CLIMATICALLY SUSTAINABLE CITY**
Anthony J. Brazel, Katherine Crewe, and Ariane Middel, Arizona State University

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Luncheon: 12:00 p.m. – 1:30 p.m.

**TROPICAL WEATHER & THE BAYOU STATE:**
**UNDERSTANDING THE RISK**
Speaker: John M. (Jay) Grymes, III.
Department of Geography & Anthropology
Chief Meteorologist, WAFB-TV of Baton Rouge
Room: *Livingston*

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Session F3: 1:30 p.m. – 3:00 p.m.

**Remote Sensing II**
Room: *Iberville 1*
Chair: Dawna Cerney, Youngstown State University

**IDENTIFYING AND ASSESSING WINDBREAKS IN FORD COUNTY, KANSAS USING OBJECT-BASED IMAGE ANALYSIS**
Mike Dulin and J. M. Shawn Hutchinson, Kansas State University
EXAMINATION OF VEGETATIVE LINE-TRANSECT SAMPLING IN AN ARID ENVIRONMENT
Anna Klimaszewski-Patterson, New Mexico State University

STUDYING SPATIAL AND TEMPORAL VARIABILITY OF KUWAIT SEA SURFACE TEMPERATURE USING MODIS REMOTELY SENSED DATA
Mohammad M. Alsahli, University of Kansas

Urban Transportation
Room: Iberville 2
Chair: Jonathan Comer, Oklahoma State University

DETERMINING A LEAST COST ROUTE FOR HIGH SPEED RAIL IN OHIO CORRIDOR
Amanda N. Mullett, Amy E. Rock, Saad Algharib, Jared Shaffer, And Jay Lee, Kent State University

URBAN TRANSPORTATION IN BEIJING, CHINA: CHALLENGES, CAUSES, AND IMPLICATIONS
Fengjun Jin and Jiaoe Wang, Chinese Academy of Science, China
Teqi Dai, Beijing Normal University, China

AN ASSESSMENT OF ROAD AND BRIDGE CONDITIONS
Jonathan C. Comer, Amy K. Graham, and Stacey R. Brown, Oklahoma State University

THE IMPACT OF LIGHT RAIL SYSTEM ON SINGLE FAMILY PROPERTY VALUE IN CHARLOTTE, MECKLENBURG COUNTY
Sisi Yan, University of North Carolina-Charlotte

Local and Regional Black Geographies in the United States
Room: Iberville 3
Organizer and Chair: John W. Frazier, Binghamton University

FALLING DOWN LIKE HAIL: THE GEOGRAPHY OF AFRICAN-AMERICAN BLUES MUSIC
Adam Matthews, Binghamton University

A CASE STUDY OF BLACK SES AND SETTLEMENT IN NASSAU COUNTY, NEW YORK
Jennifer Hinojosa, University of Maryland

GENTRIFICATION OF THE 125TH STREET CORRIDOR IN HARLEM, NEW YORK
Dulce Bueno, Binghamton University

FOREIGN-BORN BLACK IMMIGRATION, MIGRATION, AND SETTLEMENT IN MINNEAPOLIS, MINNESOTA: 1995-2000
Jasmine Davis, University of South Carolina (visiting) and Binghamton University

Urban Heat
Room: *East Baton Rouge*
Chair: Mark L. Hildebrandt, Southern Illinois University-Edwardsville

**Spatial Characteristics of the St. Louis Urban Heat Island: A Remote Sensing Approach**
Mark L. Hildebrandt and Kusumakar Bhusal, Southern Illinois University-Edwardsville

**The Use of Low Cost Data Logging Temperature Sensors in the Evaluation of an Urban Heat Island in Tampa, Florida**
JoAnn Sullivan and Jennifer Collins, University of South Florida

**The Seasonality of Warm-Weather Mortality Across the United States**
Scott Sheridan, Kent State University
Adam Kalkstein, United State Military Academy

**Applied Physical Geography**
Room: *West Baton Rouge*
Organizer and Chair: Richard A. Earl, Texas State University-San Marcos

**Sediment Management in the Upper San Marcos River, Texas**
Richard A. Earl, Tara M. Noah, and Jason D. Arbogast, Texas State University-San Marcos

**A Re-Evaluation of Past Data of the Threshold Condition for Windblown Sand Transport**
Brandon L. Edwards and Steven L. Namikas, Louisiana State University

**Climatology of Maximum Precipitation in Central and South Texas**
Rebecca K. Parylak, Kent State University

***Session F4: 3:30 p.m. – 5:00 p.m.***

**Agriculture**
Room: *Iberville 1*
Chair: Patrick Hesp, Louisiana State University

**Flow in Artificial Vegetation**
Patrick Hesp, Louisiana State University
Yuxiang Dong, Zhong Shan University, China
Steven Namikas, Louisiana State University

**Public Perception of Midwestern Corn Ethanol Production**
Benjamin M. Munro, Kansas State University
WILD FOREST FOOD PLANTS: USE, COLLECTION, AND CONSERVATION IN ECUADOR
Maria Fadiman, Florida Atlantic University

A GIS-BASED METHOD TO PREDICT COUNTY CORN YIELD IN WESTERN OHIO BASED ON LANDSAT VARIABILITY
David L. Hollinger, Kent State University

Applied Political Geography
Room: Iberville 2
Chair: James A. Tyner, Kent State University

THE KILLING SPACES OF THE CAMBODIAN GENOCIDE
James A. Tyner, Kent State University

PROJECTS ABROAD HUMAN RIGHTS: THE CASE OF THE YOUNGSFIELD MILITARY BASE REFUGEES IN CAPE TOWN, SOUTH AFRICA
Syed (Sammy) Uddin Ahmed, William Paterson University

DEPLOYMENT OF THE GROUND BASED MID-COURSE DEFENSE SYSTEM: AN INDICATOR OF GEOPOLITICAL CHANGES IN CENTRAL EUROPE
Peter P. Siska, United States Military Academy

IDENTIFYING WHITENESS THROUGH IMMIGRATION POLICY: DENMARK’S 24 YEAR LAW
Linda S. Fair, Binghamton University

M E Harvey III: Ethnic Geography
Room: Iberville 3
Organizer: Eugene Tettey-Fio, Binghamton University
Chair: Milton E. Harvey, Kent State University

MOVEMENTS OF ASIAN INDIANS IN QUEENS, NEW YORK
John Frazier, Norah Henry and Brendan McGovern, Binghamton University

ETHNIC CONFLICT, LAND TENURE, RESOURCE ALLOCATION AND COLONIAL LEGACY IN GHANA AND THE CONTESTED LANDS OF AKUSE. CAN GIS TECHNOLOGY HELP THE OSUDOKUS AND MANYA KROBOS?
Eugene Tettey-Fio, Binghamton University

SUSTAINING ASPECTS OF GREEK ETHNICITY ACROSS THREE GENERATIONS: A FACTORIAL INVARIANCE STUDY
Kevin Butler, University of Akron
Milton E. Harvey, Kent State University
Stavros Constantinou, Ohio State University

Geography of Crime II
RELATING ENVIRONMENTAL AND SOCIO-ECONOMIC STRESSORS TO VIOLENT CRIME: EVALUATING THREE MAJOR CITIES IN THE UNITED STATES
Richard R. Shaker and Greg A. Rybarczyk, University of Wisconsin-Milwaukee

SPATIAL DATA ANALYSIS OF THE RELATIONSHIP BETWEEN SEX OFFENDER RESIDENCE AND TREATMENT SERVICE ACCESSIBILITY IN KENTUCKY
Timothy S. Hare, Paul Steele, and Lincoln Sloas, Morehead State University

A LONGITUDINAL ANALYSIS OF VIOLENT CRIME IN SOUTH BEND, INDIANA
YU ZHOU, BOWLING GREEN STATE UNIVERSITY
Qiang Xu, Indiana University-South Bend

Biogeography II
Room: East Baton Rouge
Chair: Michael Starr, Southern Illinois University-Edwardsville

APPLIED GEOGRAPHY FOR SPECIES CONSERVATION: THE CASE OF THE ENDANGERED INDIANA BAT (MYOTIS SODALIS)
Michael Starr, Southern Illinois University-Edwardsville

EVALUATING INDIANA BAT SUMMER HABITAT ON SURFACE COAL MINE SITES IN SOUTHWESTERN INDIANA USING REMOTE SENSING TECHNIQUE
Shunfu Hu, Michael Starr, and Randall Pearson, Southern Illinois University-Edwardsville

TEMPORAL ANALYSIS OF DEER-VEHICLE ACCIDENT IN ILLINOIS: 2001-2003
Samuel Thompson and Keisuke Nozaki, Western Illinois University

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6:30 p.m. – 7:30 p.m.
Board of Directors Meeting
Room: Livingston

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Saturday, October 31, 2009
8:00 a.m. – 2:00 p.m.
Field Trip

GEOGRAPHY OF NEW ORLEANS:
FROM COLONIAL TIMES TO POST-KATRINA

Rich Campanella, Tulane University

Depart from Hotel Lobby at 8:00 a.m.

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See you next year in Fort Worth, Texas