



STATEMENT OF QUALIFICATIONS

Key Personnel

Emily R. Zupo

Senior GIS Analyst and Project Environmental Scientist

Emily Zupo's professional experience comprises more than four years of experience in the environmental and urban GIS fields, including data acquisition, management, analysis, and maintenance. She is an experienced researcher and a budding talent in public speaking. Her professional experience includes urban planning, architectural mapping, water quality maintenance, and carbon sequestration analysis. Her personal research experience includes HOPE VI and public housing youth analysis. She has a graduate certification in GIS in addition to her M.A. in Geography. She has established herself as a highly skilled GIS analyst and continues to improve her skills and experience in the environmental field.

SUMMARY OF PROFESSIONAL EXPERIENCE

ECOASSET SOLUTIONS, LLC *Senior GIS Analyst and Environmental Project Associate*
(April 2009 to present)

FLORIDA CENTER FOR COMMUNITY DESIGN AND RESEARCH, *GIS Technician*
(January 2006 to May 2009)

UNIVERSITY OF SOUTH FLORIDA, *Research Assistant* (August 2007 to August 2009)

WILSONMILLER, INC., *GIS Intern* (November 2006 through May 2007)

EDUCATIONAL BACKGROUND

Master of Arts, Geography, University of South Florida, Tampa, Florida (August 2009)

GIS Certified, University of South Florida, Tampa, Florida (August 2009)

Bachelor of Arts, French, University of South Florida, Tampa, Florida (*Cum Laude*, August 2005)

Bachelor of Arts, Geography, University of South Florida, Tampa, Florida (*Cum Laude*, May 2005)

SUMMARY OF TECHNICAL SKILLS

ESRI GIS software including ArcMap, ArcScene, and ArcCatalog 9.3 with experience in Spatial Analyst, 3-D Analyst, Network Analyst, Editor, and Model Builder

SPSS 18.0 (statistical software)

Microsoft Office Suite for XP and 2007

Remote Sensing Software (ENVI 4.5 Software)

Database Management (Microsoft Access and Excel Software)

TECHNICAL PRESENTATIONS

Co-Presenter: *Recommendations to Develop Carbon Offset Projects through Urban Tree Planting Projects: City of Tampa Case Study*, Florida Society of Geographers Annual Conference, January 2010, Tampa, FL

Primary Presenter: *Carbon Offset Project for the Sustainability Conference and the Going Green Expo*, Campus and Communities Sustainability Conference, October 2009, Tampa, FL

Primary Presenter: *Policies and Implications of Relocation of Public Housing Youth in Tampa, Florida*, Florida Planning and Zoning Association, June 2009, Tampa, FL

Primary Presenter: *Assessment of the impacts of Relocation on Public Housing Youth in Tampa, Florida*, Association of American Geographers, April 2009, Las Vegas, NV

Primary Presenter: *Assessment of the impacts of Relocation on Public Housing Youth in Tampa, Florida*, Urban Affairs Association, March 2009, Chicago, IL

TECHNICAL PAPERS AND JOURNAL ARTICLES

Ward, Beverly, Ryan Gauvey, Susan Greenbaum, Elizabeth Strom, and Emily Zupo. *Final Report of Tampa Housing Authority Residents Relocated between 1999 and in 2007 and a Static Report of All Tampa Housing Residents: A Baseline Spatial Analysis*. Children's Board of Hillsborough County Report, 2007.

DETAILED PROFESSIONAL EXPERIENCE

Greenhouse Gas Inventory, Carbon Sequestration, and Carbon Offset Experience

- The state of Florida commissioned a report to analyze the greenhouse gas emissions and carbon assets of all state owned lands. As Senior GIS Analyst on this project, her tasks included acquiring data from the five managing agencies (Office of Coastal and Aquatic Management, Division of Forestry, Division of Recreation and Parks, Florida Fish and Wildlife Conservation Commission, and Office of Greenways and Trails) for this Florida Department of Environmental Protection study. Duties included map creation, data maintenance, management, and analysis for state-wide and Board of Trustees' Lands data utilizing ArcGIS 9.3. Assisted in the carbon sequestration analysis for the Tier 1 evaluations of land use and soils.

Educational Experience

- Provided education on personal research of HOPE VI, public housing and youth to numerous state and federal policy makers, researchers, teachers, and students. She was invited to present the results of her personal research to the Florida Planning and Zoning Association.
- Research Assistant to Beverly Ward, PhD and Elizabeth Strom, PhD. Research included GIS data creation, acquisition, and analysis of public housing residents and HOPE VI in Tampa, FL

Other GIS Experience

- Maintained GIS databases for the Florida Center for Community Design and Research. Duties included converting data from various sources for entry into databases, manipulating data to produce reports, preserving existing data to maintain its integrity. Developed and updated standard operating procedures, including establishing and maintaining related procedures and symbol set libraries. Supervised the design of project maps and databases for project related to roads ways, water quality sites, conservation land areas, manatee habitat areas, watershed populations, and bathymetric data.
- Provided technical and mapping support for the School of Architecture and Community Design at the University of South Florida, Tampa. Duties included supervising student data acquisition, professor and student data analysis and management for class projects and research interests.
- Provided office support for Urban Planners and GIS Analysts for an Urban Planning firm in Tampa, FL. Urban planning duties included research and acquisition of site plans, conditions, entitlements, and municipal ordinances. GIS duties included data acquisition, management of GIS data. Supervised content management for corporation images and supervised the Hillsborough County major project map of 2007.
- Supervised the GIS movement for the mapping of feral cat colonies for the Humane Society of Tampa Bay. Duties included cat care giver database creation, management, and analysis.
- Provided technical and mapping support for the East Tampa Neighborhood Associations. Duties included attending and assisting at East Tampa neighborhood associations, mapping neighborhood associations' boundaries, and being involved as liaison between neighborhood associations and the East Tampa Community Revitalization Partnership President (ETCRP), Ms. Evangeline Best.

AWARDS AND RECOGNITION

- 2009 Department of Geography Travel Grant
- 2009 Student Government Travel Grant
- 2007 – 2009 Graduate Multiple-Disciplinary Studies Research Assistantship
- 2004 Mortar Board Project Excellence Award
- 2004 Mortar Board Golden Torch Award
- 2004 Mortar Board New Member Scholarship
- 2000 – 2005 Florida Bright Futures Scholarship