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During the past decade I have lead (and brought to national prominence) the establishment of an organizational geo-enabled information system for Alachua County in Florida, primarily based on Open Source and Open Technologies. I have concurrently been an Adjunct Faculty at the Urban and Regional Planning department of the University of Florida, and I have been instrumental in the establishment of the GISCorps – an international program that provides volunteer GIS services to underserved communities worldwide. Following on previous work with applied research during my time in Albania and at the University of Florida, during this decade, I have also continued to obtain funding for research projects which implementation I have lead both at the Alachua County and at the University of Florida.

For the past three years, I have continued teaching at the Department of Urban and Regional Planning, and I have been a Research Associate in two research centers of the University of Florida. At the GeoPlan Center I have worked as the Data Manager for a National GIS Framework for Childhood Obesity prevention, and at the Family Data Center I have managed the implementation of a multi-agency project in support of health and social services for poor children in Alachua County and the development of a suite of products on Community Health and Demographic Indicators for Alachua County. During this period, in addition to completing my Ph.D. degree, I have also been a consultant to the Global Medical Office of the PPG Industries Inc. exploring the relationship of the built environment to type 2 diabetes occurrences in work site populations across the US, to a local non-profit public health agency, and to an international non-for-profit educational foundation.

My international experience includes formal education in four languages and parents educated in three to four countries; work in Tirana, Albania with UNESCO projects and at the International Branch of the National Public Radio; reshaping of my life in Canada and the United States; professional volunteering in less industrialized countries such as Kabul, Afghanistan, La Paz, Honduras, Tirana, Albania – on site, and Armenia, Dominican Republic, Guatemala, Haiti, Honduras, Hungary, Kenya, Mali, Marshall Islands, Namibia – remote; on site contribution to the USAID task force based at the School of Planning and Architecture in Delhi, India, for the development of a GIS Program for the University of Kabul; presentation of my work in many international conferences; and being instrumental in the conception and the establishment of the international GISCorps program which required coordination and evaluation of trans-continental projects and trans-continental professionals from many countries and across many agencies with diverse missions and business models. For several years, I have been a member of the Grants Review Panel of the Global Spatial Data Infrastructure (GSDI) association which along with the Federal Geographic Data Committee (FGDC) provides small grants to low income countries worldwide. I also serve as the Vice Chair of the Societal Impacts Committee of the GSDI.

A few samples of my writing are at: <http://plaza.ufl.edu/juna/tmp>.

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FORMAL EDUCATION

University of Florida
Gainesville, Florida
2001 – 2003, 2011 - 2012

University of Florida
Gainesville, Florida 1994 - 1997

University of Tirana
Tirana, Albania 1976 - 1981

University of Tirana
Tirana, Albania

Ph.D. URBAN AND REGIONAL PLANNING

Open Information Systems for open Planning Governance.

MASTER OF ARTS IN URBAN AND REGIONAL PLANNING

Specialization: Planning Information and Analysis Systems/GIS

MASTER OF SCIENCE IN CIVIL/URBAN ENGINEERING

BACHELOR OF SCIENCE IN CIVIL/URBAN ENGINEERING

GRADUATE CERTIFICATES

French (1988), Philosophy (1985), Italian (1981)

MOST RECENT POSITIONS

Department of
Urban and Regional Planning
University of Florida
2002 – to present

GeoPlan Center
University of Florida
2010 - present

Family Data Center
University of Florida
2010 – 2012

Martin & Mirash Ivanaj
Educational Foundation, NY
2011 - 2012

PPG Industries Inc.
Medical Services Office
2010 – 2011

WellFlorida Council Inc., 2010

ADJUNCT FACULTY

Teach a GIS and studio course every semester titled: 'URP4273 – Survey of Planning Information Systems'. Elective for minor in Urban and Regional Planning and in Real Estate, for major in Wildlife Ecology, Environmental Science, Civil Engineering, Geography, Entomology and Nematology. Experiential learning and community planning focus. <http://plaza.ufl.edu/juna/urp4273>.

DATABASE MANAGER – NATIONAL CHILDHOOD OBESITY GIS (\$1,000,000)

Establish administrative and technical foundations for the project; research and plan focus areas; assess needs and build nationwide partnerships with research institutions, non-profits and local governments; guide the design and the development of protocols and standards for data management and data quality, lead data evaluation and strategic growth and assure daily quality of operations. Supervise a staff of 8-9 healthykidsgis.org/.

RESEARCH ASSOCIATE – PROJECT MANAGER (\$75,000)

Conceive, develop, and implement the a GIS based course for K-12 students in Albania which introduces spatial thinking in environmental education. Course implemented in partnership with several international organizations and support from local officials. <http://ayfeed.wordpress.com>.

Spearhead the formation of an international academic and non for-profit research group aiming to introduce spatial literacy and urban topics to youth in secondary education in Palestine, Rwanda, Venezuela, India, and Brazil. Developing related curriculum.

RESEARCH ASSOCIATE - PROJECT MANAGER (\$175,000)

Develop a multi-agency information system for Alachua County which integrates health and social service information for children. System conceived as a public policy support framework for improving conditions of poor children. <http://tinyurl.com/bp2bme>.

CONTRACTED CONSULTANT

Strategic growth and development, research, grant writing, international teaching.

Explore relationships of community conditions and type 2 diabetes occurrences in work site populations. Study area United States. <http://plaza.ufl.edu/juna/tmp/ppg.pdf>.

GIS Development for the Alachua County Health Needs Assessment study.

**Alachua County, Florida
2000 – 2009**

GIS MANAGER

Instrumental in establishing an organizational GIS in Alachua County, based on Open Source, Open Technologies and Web 2.0 elements. Plan and lead strategic growth; perform needs assessment; allocate resources; manage projects, budgets and outside contracts; lead technology research; pursue and obtain grant funding; measure performance, manage daily operations. Supervise a staff of 4-5 and 2-3 graduate interns. <http://www.alachuacounty.us>

**GISCorps of URISA
2003 - 2008**

FOUNDING CO-CHAIR

Establish the GISCorps as an international nongovernmental program for offering GIS volunteer services to underserved communities worldwide - from inception up to a membership of 1,000+ GIS volunteers in six continents. Develop program foundations, plan and lead its strategic growth, run its operations, evaluate, lead, and coordinate implementation of trans-continental projects, build strategic partnerships with governmental, research and nonprofit entities across the globe: <http://www.giscorps.org>.

OTHER TEACHING

Guest Lecturer

- Spring 2013. Sustainability and the Built Environment (DCP3220), College of Design, Construction and Planning.
- Fall 2012, Fall 2011. Spatial Epidemiology (PHC6973), College of Public Health, University of Florida. Ph.D. Students.
- Fall 2012. Remote. Ethics, Justice, Professional Practice (PLAN6124), College of Environment and Design, University of Georgia. Master Students.

**“Dëshmorët e Lirise” School
Tirana, Albania
June 2012**

Short course in GIS/Environmental Science to middle school students. Course proposed and developed at the University of Florida with funding from the Martin and Mirash Ivanaj Foundation upon building trans-national institutional partnerships and political support.

**Kabul Polytechnic University
Kabul, Afghanistan
September 2007**

Developed and taught a GIS introductory course for faculty and 5th year students of Civil Engineering from the Kabul University and from the Kabul Polytechnic University. Invited via GISCorps by the Afghan eQuality Alliance, sponsored by USAID. Volunteer.

**Department of
Urban and Regional Planning
University of Florida
Spring 2004 - Present**

Design and supervision of several independent study, internship, or terminal project courses in applications of GIS to Urban and Regional Planning (URP4905, ENV4905, URP5446, URP6941, URP6979).

**Department of
Urban and Regional Planning
University of Florida
Spring 2000**

Co-prepared and co-taught a graduate seminar (URP6933).
Course title: ‘Planning Information Seminar - GIS Technologies’.
<http://www.geoplan.ufl.edu/syllabus/00sp6933.html> [15 students]

**Center for Instructional
Technology and Training
University of Florida
September 1999**

Co-prepared and co-taught a two-day instructor-aided training course on GIS and the WRAP application. Course developed for FDOT at the GeoPlan Center. Attended by planners, environmental scientists and other professionals from all FDOT districts. [30 students]

**TREEO Center
University of Florida
January 1999**

Co-taught a three-day instructor-aided continuing education course on GIS and the Florida Geographic Data Library (FGDL). Course developed at the GeoPlan Center. Attended by planners, environmental scientists and other professionals from several agencies in Florida. [40 students]

**International Language
Institute, Gainesville, Florida
Spring 1993**

Prepared and taught an intermediate level Italian language course, as part of a university exchange study abroad program. Attended by UF faculty.

MOST RECENT PROJECTS

- 2013 – Conceived idea and co-wrote a grant proposal (\$75,000) submitted to the University of Georgia in collaboration with the College of Environment and Design, and the Department of Geography at the University of Georgia. The grant proposes to investigate the development of a geospatial science based international curriculum for providing integrated teaching of spatial literacy and resource management to k-12 students. The topic builds upon work conducted with children in Albania, and on collaborative efforts with the national university of Palestine, An-Najah in Nablus.
- 2012 - On behalf of the GSDI association prepared a grant proposal (\$150,000) submitted to the US African Development Foundation in collaboration with EIS-AFRICA, a non-for-profit organization based in Pretoria, South Africa. Proposed project is “A networking forum for knowledge exchange of African leaders of the Global Spatial Data Infrastructure (GSDI) Small Grants Program, at the joint Africa-GIS/GSDI 14 conference in Addis Ababa, Ethiopia” supported by the US Federal Geographic Data Committee (FGDC), and the United Nations Economic Commission for Africa (UNECA).
- 2012 – Conceived idea, wrote proposal, and received funding to develop and teach a course about environmental principles based on a GIS framework to middle school students in Tirana, Albania. Course conceived and designed for future expansion at the national level. Coordinated and generated trans-national institutional support to lay the ground for the project, lead strategic partnership building across US based institutions in the private, non-for-profit, and educational sectors. Lead a team of professionals to its full implementation. Cost of project \$75,000.
- 2011 – 2012 Developed longitudinal community condition indicators for Alachua County, Florida, by developing and integrating measures of public health and socioeconomic characteristics.
- 2011 – Conducted a GIS User Needs Assessment survey for the Florida Agency for Health Care Administration (AHCA) related to their Health System Indicators for the State of Florida.
- 2009 – Mapping Poverty in Alachua County. Development of a model for mapping and tracking poverty in Alachua County to culminate with the development and the implementation of an online Poverty Atlas. Work conducted at the University of Florida with Students of URP4273 Spring Class, in partnership with the GeoPlan Center, and with guidance from the Alachua County Poverty Reduction Board.
- 2007 – 2009. An extensive suite of GeoWeb applications in support of operations and statute requirements for Building Inspections, Building Permits, Code Enforcement, Impact Fees, and Green and Sustainability programs. Applications fully integrated with each other and composed of several Web 2.0 features and functions. All built with an Open Technology and Open Source.
- 2007 – Evaluation Report of a sole-source, proprietary legacy system, composed of an Oracle database, a desktop software application, and an automated inspections telephone system, crucial to the operations of the Alachua county Building and Code Enforcement Divisions.
- 2007 NSDI CAP Grant. Co-writer and co-contributor with The Open Planning Project (TOPP), with The Center for International Earth Science Information Network (CIESIN), and with the GeoPlan Center at the University of Florida. Funding \$75,000. Project title: Extending uDIG GIS and GeoTools Library for US Framework Data. Courtesy work.
- September 2006. A grant proposal written and submitted from the University of Florida to the James Marston Fitch Charitable Foundation. Funding \$25,000. Development of a photorealistic 3D Geodatabase for historic structures in rural clusters of Alachua County. Proposal developed with Do-Hyung Kim, Research Coordinator at the GeoPlan Center, University of Florida.
- Implementation of a one year project [2005-'06] for the creation of an open source based GIS and Multimedia Historic Structures Information Systems Software Application for three Cities in the State of Florida. Funding of \$50,000 was proposed and obtained by the Division of Historic Resources, Florida Department of State. Project carried out at the University of Florida in partnership with the Alachua County, implementing the prototype developed in Alachua County with a previous grant from the Florida Department of State. Grant writer, principal Investigator. Leading a team of two professionals and four graduate students. <http://historic.alachua.fl.us/floridahistory/>

- 2006. Partnership work with the Information Center for the Environment at the University of California, Davis to calibrate for the County of Alachua, their desktop ArcGIS based universal model builder UMB. Conduct ecological evaluations and growth assessment scenarios for Alachua County using the desktop calibrated model and enhance current desktop model to create a live dialog with an open source based Internet Map Server interface. Leading a team of several professionals. <http://ecosystems.alachua.fl.us/>
- 2005. Health and Human Services Plan 2005-2015 – Alachua County. GIS Support with data conversion, integration, analysis, and cartography. Pioneering effort in the history of Alachua County. http://www.alachuacounty.us/Depts/CSS/Documents/Health_and_Human_Services_Master_Plan.pdf
- 2004. An interactive web based GIS Application in support of planning decisions. Application provides access to 90+ GIS layers and documentation; it is integrated at a Section Township Range, tax Parcel, or address with twenty years history of actions on Zoning, Zoning Variances, and Building Permits. The application integrates GIS with the county's two major Oracle databases. **Responsibilities:** Inception, design, management <http://maps.alachuacounty.us/geogm>.
- March 2003 - October 2003. A GIS Model for Detecting Sub-Standard Housing in Alachua County, Florida. Contracted by Alachua County Housing Authority and the University of Florida's Shimberg Center for Affordable Housing. **Responsibilities:** Co - Principal Investigator. Software design and model development.
- 2003. A comprehensive project for transforming legacy zoning and zoning variances databases, related processes and procedures, products, and protocols. Persuading, streamlining, standardizing, and integrating GIS and IT components along a Data Management Information System at the Growth Management Department, Alachua County. **Responsibilities:** Principal Investigator. Inception, design, implementation, operations.
- December 2002 - August 2003. Creating a GIS cadastral system for the town of Yarumela, in the municipality of La Paz, Honduras. A prototype model towards the creation of a cadastral management system for the entire municipality of La Paz. Spearheaded a joint research effort among the U.S. Peace Corps in Honduras, the United Nations in Honduras, the La Paz Municipality in Honduras, and Alachua County and University of Florida in the USA. **Responsibilities:** Principal Investigator. Courtesy work.
- June 2002 - October 2003. Historic Structures Information Systems GeoWeb Software Application. Funded by the Division of Historic Resources, Florida Department of State and the Board of County Commissioners Alachua County, Florida - \$25,000. Carried out at the Department of Growth Management, Alachua County, Florida. **Responsibilities:** Grant writer, principal Investigator. Project conception, design, development and implementation.
- March 2001 - March 2003. Development of the Growth Management Department's web site as a necessary foundation for housing a chain of GIS and non GIS web applications and sub-sites. **Responsibilities:** Inception, design, technical implementation, management, operations.

SERVICE

- Vice Chair, Societal Impacts Committee, Global Spatial Data Infrastructure (GSDI) association: 2010 – present.
- Board of Directors, Urban and Regional Information Systems Association (URISA): 2007 – 2009.
- Co-Founder, Co-Chair, GISCorps: *July 2003 – January 2008*. <http://www.giscorps.org>
- Jury Panel member. International Pirelli Award, Rome, Italy. 2007-2008. <http://www.pirelliaward.com/>
- Member, FGDC International Grants, Sponsored Projects Committee, Global Spatial Data Infrastructure (GSDI) association: 2005 – 2007.
- Board of Directors Florida Chapter of URISA: *October 2003 – 2007*.

AWARDS AND RECOGNITIONS

To me as an individual

- 2012 The President's Volunteer Service Award. The White House, Washington.
- 2006 URISA Service Award. 44th Annual Conference, Vancouver, Canada.
- Certificate for Leadership and Contribution to the GISCorps. URISA National Conference 2005, Kansas City, Kansas.

- Student Horwood Critique Prize - URISA Annual Conference 2003 (\$500), Atlanta, Ga.
- International Geographic Information Foundation Award - URISA Annual Conference 2003 (\$1,000), Atlanta Ga.
- World Citizenship Program Award – Professional Internship in Turkey – University of Florida. Summer 2002 (\$5,000), unable to go.
- P.E.O. International Peace Scholarship Award 1994-1995; 1995-1996; 1996-1997 (\$5,000/year).
- Florida International Linkage Institute, Tuition Exemption Award 1995-1996; 1996-1997 (\$4,000/year).
- Outstanding International Student Academic Award - University of Florida, 1995, 1996.
- University of Florida, College of Design, Construction and Planning, Perspective 2005-06. *Research Section*. P. 10/11.
- Government Health IT. *Volunteer GIS group aids medical mission*. September 2005.
- December 2008. *Alachua County Energy Conservation Strategies Commission Final Report*. P.52.
<http://issuu.com/msexton/docs/ecscfinalreport>

To the GISCorps which I co-founded and co-lead during 2003-2008 (<http://www.giscorps.org>)

- 2006 Special Achievement in GIS (SAG) Award to the GISCorps. San Diego, Ca, August 2006.
- 2005 ESRI Health GIS Conference Service Award to the GISCorps. Chicago, IL, October 2005.

To the GIS Division which I lead from inception to sunset

- 2009 NACo Achievement Award and Best in the IT Category Award. GeoWeb Code Enforcement Tracker. June 2009.
 - 2008 ICMA Excellence Award in Community Partnership Program. Web GIS Building Permit Tracker. September 2008.
 - 2008 NACo Achievement Award. GeoWeb Building Permit Tracker. July 2008.
 - 2008 Innovation in Communication and Technology Award. Florida City and County Managers Association (FCCMA). Honorable mention to Alachua County's GIS. Marco Island, FL, May 2008.
 - 2007 SERUG Annual Conference, Mapping Contest Winner. Alachua County. Jacksonville, FL, May 2007.
 - 2006 NACo's County Arts and Culture Award, from the Art and Culture Commission and the Americans for the Arts. Multiple spatial web applications on historic preservation in the State of Florida. Chicago, IL.
 - 2006 Innovation in Communication and Technology Award. Florida City and County Managers Association (FCCMA). Honorable mention to Alachua County's GIS. No winners in the category, award shared with Charlotte County. Panama City Beach, FL, May 2006.
 - 2006 SERUG Annual Conference, Mapping Contest Winner. Alachua County. Jacksonville, FL, April 2006.
 - Finalist, eighth edition International Pirelli Award <http://www.pirelliaward.com/news0408-2.html> 2004, Rome, Italy.
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- The Guildford Press, 2010. *Regional and Urban GIS - A Decision Support Approach*. Features web services from the Alachua County GIS Division, p. 26, 27.
 - University of Michigan, Center for Local, State and Urban Policy - Public Sector Excellence Database, 2009. Features web application from Alachua County GIS Division. <http://closup.umich.edu/public-sector-excellence/2>
 - November 23, 2008 - The Gainesville Sun. *County Praised for new interactive Growth Management Web Site*.
 - October 2008 - GOSCON 2008. Government Open Source Conference. *Keynote speaker highlights our work*.
 - 2007 ESRI Map Book, Vol.22. Two studies: *Substandard Housing and Social Services Master Plan*.
 - GeoFactor, online magazine, 2007. Features services from Alachua County GIS Division as one of top four in Florida. <http://www.thegeofactor.com/2007/12/14/gis-finds-the-sunshine-in-florida/>
 - The Gainesville Sun - April 17, 2006. *Team's software saves county some big bucks*.
 - Geography Network Homepage. *Alachua County's GeoGM Mapper*. January 2006 - March 2006.
 - National Association of Counties website features Alachua County's Decision Support System for Substandard Housing. *Digital Dynamics: You can do THAT with GIS?*
 - The High Springs Herald - December 2004. *Newberry unveils new city Website*.
 - The Gainesville Sun - September 4, 2004. *Alachua County history gains global exposure*.
 - The Gainesville Sun - October 28, 2003. *Historic access - Project layers historic sites, data on Web, CDs*.

PUBLICATIONS

- Project Report to the PPG Industries Inc. Exploring the Relationship between Community Context and Type 2 Diabetes in 27 Work Site Populations. December 2010, July 2011.

- University of Florida, URP News. Community Service and Education: Using GIS for Women and Children Centers. January 2010. http://www.dcp.ufl.edu/urp/about/newsletter/fall2010_chair/class
- University of Florida, URP News. Community Service and Education: Mapping Poverty in Alachua County. July 2009. <http://www.dcp.ufl.edu/news/alachua-poverty>
- Measuring the Impact of Web Services. Alachua County Performance Quarterly, p. 4. Spring 2009. http://www.alachuacounty.us/Depts/OMB/Documents/AFS_Performance_Quarterly_Spring_09.pdf
- Government Technology Magazine - Digital Communities. Featured Article. GeoGreen Mapper – An Interactive Green Map for Alachua County, Florida. November 2008. <http://www.govtech.com/dc/articles/565657>
- University of Florida, URP News. Alumna Connecting with the World. Volume 2, Issue 1. November 2008.
- GeoSpatial Solutions. Referenced Report. Diagnosis: outreach. October 2006.
- Project Report. Historic Structures Information Systems. July 2006.
- Geoinformatics. GISCorps: A program run by volunteers for volunteers. Nr 4, Volume 9, June 2006.
- URISA NEWS. In their own words. Issue 212. P. 9-11. March/April 2006.
- The Virginia Geospatial Newsletter. URISA's GISCorps. Volume 3, Nr 4, Fall 2005.
- URISA Digest. Report from the Land of the Pharaohs. May 2005.
- URISA NEWS. Account of a Transatlantic Journey. Issue 202. P. 6-7. July/August 2004.
- GISCorps, Strategic and Operational Plan, Volunteer Code of Conduct.
- Project Report. Historic Structures Information Systems. Fall 2003.
- Project Report. A GIS Model for Detecting Sub-Standard Housing in Alachua County, Florida. Fall 2003.

PRESENTATIONS BY INVITATION

- March 2013. Session Chair. 7th International Technology, Education and Development Conference in Valencia, Spain.
- March 2013. Selected Presenter. Advisory Council, School of Landscape Architecture and Planning, Univ. of Florida.
- November 2012. Guest Speaker. GIS Day, University of Florida. Gainesville, Florida.
- November 2010. Guest Speaker. GIS Day, University of Florida. Gainesville, Florida.
- May 2010. Alachua County, Healthy Communities. Presenter for the UF National Childhood Obesity GIS team. http://alachua.granicus.com/MediaPlayer.php?view_id=8&clip_id=1401
- November 2009. Guest Speaker. GIS Day, University of Florida. Gainesville, Florida.
- September 2009. Millennium Challenge Corporation Albania Threshold II Program. Tirana, Albania.
- May 2009. Fort Clark Middle School, Gainesville, Florida. International Fair.
- March 2009. Panelist, Alliance for Innovation Webinar. Cost Effective Government using Open Source Technology.
- March 2009. NACo Legislative Conference. GIS Committee. Washington DC. 'How GIS Can Save Counties Money'.
- January 2009. Alachua County Poverty Reduction Advisory Board. Gainesville, Florida.
- December 2008. Guest Lecturer. Department of Geography, University of Florida.
- November 2008. Guest Speaker. GIS Day, University of Florida. Gainesville, Florida.
- September 2008. Luncheon Guest Speaker. North Central Florida Builders Association. Gainesville, FL.
- October 2007. New Delhi, School of Planning and Architecture. Invited by the USAID's Afghan eQuality Alliance.
- May 2007. Luncheon Guest Speaker. Florida Joint Geospatial Conference. Cape Canaveral, Florida.
- November 2006. Luncheon Guest Speaker. Fifth Annual SHRUG GIS Workshop. Tallahassee, Florida.
- August 2006. ESRI Speakers Series Special Achievement Award, Podcast Interview. http://www.esri.com/news/podcasts/speaker_series.html
- April 2006. Key Note Speaker, conference closing session. Annual Conference, ESRI South East Regional User Group (SERUG). Jacksonville, Florida.
- April 2006. Keynote Opening. GIS/SIG 15th Annual Conference. Henrietta, NY.
- November 2005. Central Florida GIS USERS Group Meeting. Kissimmee, Florida.
- October 2005. Key note opening program speaker, URISA National Conference. Kansas City, Kansas.
- September 2005. Keynote Speaker, URISA Georgia Chapter Annual Mapping Conference. Helen, Georgia.
- January 2005. Historical Society, Town of Micanopy, Florida.
- August 2004. Alachua County, Florida. Joint forum of ten local governments.
- April 2003 / February 2004. University of Florida. Urban and Regional Planning Department.
- October 2003. Atlanta, Georgia. 41st URISA Annual Conference. Three workshops on GISCorps

CONFERENCE PRESENTATIONS/PUBLICATIONS

7th International Technology, Education and Development, Conf March, 2013- Valencia, Spain	Papajorgji, J.; Zwick, P. Teaching GIS to Children in Albania. Oral presentation and paper. http://www.iated.org/concrete2/technical_program.php
AcademyHealth June 2012 Orlando, Florida	Hardt, N.; Estrella, R.; Das, R.; Wegman, M.; Papajorgji, J.; Roth, J. Poster presentation: Hot Spot Maps of Rural Health and Social Disparities Enhance Local Focused Interventions.
139th APHA Annual Meeting November 2011 Washington, DC	Steiner, R.; Bejleri, I.; Harman, J.; Cannon, J.; Papajorgji, J.; Watkins, R.; Roth, J.; Hardt, N.; Mathews, A. Demonstrating the value of GIS in childhood obesity prevention.
2011 ESRI Health GIS September 2011 Washington, DC	Map Gallery Posters. Papajorgji, J.; A Community Action Resource Atlas for Alachua County, Florida.
2011 ESRI Health GIS September 2011 Washington, DC	Bejleri, I.; Steiner, R.; Cannon, J.; Papajorgji, J.; Watkins, R. Place-based Childhood Obesity System. Hardt, N.; Wegman, M.; Papajorgji, J. A Community Action Resource Atlas for Alachua County, Florida
2011 URISA GIS in Public Health June 2011 Atlanta, Georgia	Colombi, A.; Papajorgji, J.; Working People: Place-Based Effects on Hypertension, Type 2 Diabetes and Obesity. Bejleri, I.; Steiner, R.; Cannon, J.; Papajorgji, J.; Approaching Childhood Obesity from a Place-based Angle: GIS Prototype Evolution.
2010 ESRI Health GIS October 2010 Denver, Colorado	Papajorgji, J.; Colombi, A.; Behavior, Environment and Health in geographically diverse working populations.
51st ACSP Annual Conference October 2010 Minneapolis, MN	Bejleri, I.; Steiner, R.; Roth, J.; Watkins, R.; Papajorgji, J.; Peng, Zh; Hardt, N; Wingfield, N; Brown, D; Cannon, J; Mathews, A; Harman, J; Yoon, S; Challenges of assembling geo-spatial information at a national scale: Developing a childhood obesity GIS.
SHRUG Conference November 2008 Tallahassee, Florida	Papajorgji, J.; A WebGIS Building Permits Tracker, built with Open Technology using a Participatory Approach.
GOSCON 2008 Portland, Oregon	Papajorgji, J.; Clark, T.; A Web-GIS Building Permits Application built with an Open Technology and Participatory Approach.
45th URISA Annual Conference August 2007 Washington, DC	Papajorgji, J.; A GIS Built in House...In Record Time...Saving over \$2 million. Elhami, Sh.; Papajorgji, J.; Haley, D.; Salling, M.; URISA's GISCorps.
GSDI - 9 International Conference November '06, Santiago, Chile	Papajorgji, J.; Can GISCorps play a role in GSDI building?

**44th URISA Annual Conference
September 2006
Vancouver, Canada**

**ESRI International Conference
August 2006
San Diego, California**

**Florida GIS and Mapping
Annual Conference, May 2006
Cape Canaveral, Florida**

**43rd URISA Annual Conference
November 2005
Kansas City, Missouri**

**ESRI International Conference
July 2005
San Diego, California**

**Florida GIS and Mapping
Annual Conference, May 2004
Sarasota, Florida**

**42nd URISA Annual Conference
November 2004, Reno, Nevada**

**Florida GIS and Mapping
Annual Conference, April 2004
Daytona Beach, Florida**

**41st URISA Annual Conference
October 2003, Atlanta, Georgia**

**URISA & Port.State University
Public Participation in GIS
July 2003, Portland, Oregon**

**ESRI International Conference
July 2003
San Diego, California**

**ESRI International Conference
July 2002
San Diego, California**

**URISA IT/GIS in Public Works
June 2002
Pittsburgh, Pennsylvania**

**ESRI EMEA User Conference
September 2001
Lisbon, Portugal**

Papajorgji, J.; A Multimedia Spatialweb Application on Historic Structures for three Florida Cities.
Elhami, Sh.; Papajorgji, J.; Report on GISCorps Activities for 2005 – 2006.

Papajorgji, J.; Clark, T. LEMAC - A Landscape Evaluation Model for Alachua County.
Elhami, Sh.; Papajorgji, J.; Patel, B. GISCorps Activities in 2006. Co-Presenter.

Papajorgji, J. Alachua County's Built in House GIS.

Papajorgji, J. A Methodology for Poverty Mapping in Alachua County, Florida.

Papajorgji, J.; Chang, F.; Price, P.; McNight, P.; Elhami, Sh.
Report on 2005 Activities of URISA's GISCorps. Co-Presenter.

Elhami, Sh.; Papajorgji, J. GISCorps Activities in 2005. Co-Presenter.

Papajorgji, J. GISCorps Activities with the Indian Ocean Tragedy.

Papajorgji, J.; Elhami, Sh. Luncheon Seminar. GISCorps.

Papajorgji, J. A GIS Web Application for Public Participation.

Papajorgji, J. An Update on URISA's GISCorps Initiative.

Papajorgji, J.; P. Zwick. A GIS Decision Model for Detecting Substandard Housing in Alachua County, Florida. Paper in Conference Proceedings. Presenter.

Papajorgji, J. Merging Historic Preservation with Web Technologies: A GIS based model in Alachua County, Florida. Paper in Conference Proceedings.

Papajorgji, J.; Al Ho. An Intricate Zoning Quilt and Organizational Reluctance to use it. Presenter. Paper in Conference Proceedings. Presenter.

Papajorgji, J.; Couch, L.; Norman, M. A Conservation Driven Land Cover Project for Alachua County, Florida. Paper accepted for publication and presentation.

Papajorgji, J. Our Economical Approach to Departmental Data Dissemination. Paper in Conference Proceedings. Conference highlighted paper.

Papajorgji, J. Alachua County Growth Management Department: Developing a Web Application for the Dissemination of Data to the General Public.

**ESRI International Conference
July 2001
San Diego, California**

Papajorgji, J. Alachua County Growth Management Department:
Developing a Web Application for the Dissemination of Data to the General
Public. Paper in Conference Proceedings.

**ESRI International Conference
June 2000, San Diego, California**

Bejleri, I.; Papajorgji, J.; Zwick, P.; Boan, J. A GIS-Enabled Application to
Assist Environmental Assessment of Wetlands. Presenter.

**URISA Annual Conference
Palm Beach, FL, August 2000**

Bejleri, I.; Zwick, P.; Crim, B.; Papajorgji, J. A GIS Application for Wetland
Rapid Assessment Procedure. Project Showcase.

OTHER PRESENTATIONS

- November 2006. Santiago, Chile. Sponsored Projects Committee, GSDI Association, 9-th GSDI International Conference. Presentation on GISCorps and its common projects with the GSDI.
- September 2006. 44th URISA Annual Conference, Vancouver, Canada. Session Moderator, Demographic Analysis to Benefit the Citizenry.
- August 2006. San Diego, California. ESRI International User Conference. GISCorps Special Interest Group Meeting.
- June 2006. Vancouver, Canada. World Urban Forum III, United Nations delegate. Representing GISCorps.
- October 2005. 43rd URISA Annual Conference, Kansas City, Missouri. Session moderator, Water/Wastewater.
- July 2005. ESRI International User Conference, San Diego, California. Special Interest Group on Sustainable Development and Humanitarian Affairs.
- April 2005. Cairo, Egypt. Sponsored Projects Committee, GSDI Association, 8-th GSDI International Conference. Presentation on GISCorps and its future collaborations with the GSDI.
- November 2004. Reno, Nevada. 42nd URISA Annual Conference. Luncheon seminar moderator. Dutch National Geo Information Infrastructure as an Instrument for Participatory Democracy.
- September 2004. Barcelona, Spain. World Urban Forum II, United Nations delegate.
- August 2004. San Diego, California. ESRI International User Conference. GISCorps Special Interest Group Meeting.
- June 2004. Bologna, Italy. City Government of the Municipality of Bologna.
- March 2003. UN Center, US Peace Corps, Municipality of La Paz, Tegucigalpa, Honduras.

PAST EMPLOYMENT

**GeoPlan Center
Department of
Urban and Regional Planning
University of Florida, 1994-'00**

**ASSISTANT IN RESEARCH FACULTY / 1998 - 2000
GRADUATE RESEARCH ASSISTANT / 1994 - 1997**

Responsibilities: GIS modeling and software development in several statewide projects. For list of projects see section on Past Projects.

**Center for Scientific
Information & Documentation
National Academy of Sciences
Tirana, Albania, 1989 – 1992**

CHAIR, CIVIL ENGINEERING DEPARTMENT

Responsibilities: Instrumental in establishing the department. Under the auspices of UNESCO, as part of the Eastern Europe's ISIS dbase establishment, leading research for scientific translation from four languages; for bibliographic compilation; for database maintenance; and for catalog publications in Urban Engineering.

**Enterprise of Public Works
Department of
Community Affairs
Tirana, Albania, 1981 - 1989**

CHAIR, RESEARCH AND DESIGN DEPARTMENT / 1987 - 1989

DIRECTOR, ASPHALT PLANT / 1985 - 1987

FIELD ENGINEER / 1981 - 1985

In each position managing an average of 20 million leke/year, up to 60 people.

**National Public Radio
International Division
Tirana, Albania, 1979-1989**

INTERNATIONAL BROADCASTER FOR THE ITALIAN LANGUAGE PROGRAM

Twice a week radio program. Responsible for reviewing scripts translated from the Albanian, and for their announcement on-the-air in Italian.

PAST PROJECTS

- **Internet Mapping Research Project.** January 2000 - October 2000.
A research project for creating a comprehensive database of existing internet map servers and for experimenting with them to find out appropriateness for efficient map serving. Funded by Florida Department of Environmental Protection. **Responsibilities:** Web application development. HTML, ArcIMS, JSHAPE, Access, Java.
- **Wetland Rapid Assessment Procedure.** 1999. An ArcView application for use as a standardized tool in environmental assessment of wetlands in the State of Florida. Methodology developed by South Florida Water Management District. Funded by Florida Department of Transportation.
Responsibilities: Application development. Avenue and Visual Basic coding; Web and HTML documentation.
<http://www.geoplan.ufl.edu/projects/fdot/wrap/>
- January 1999 - January 2000. Contracted by Jones Edmund and Associates Inc., Gainesville, Florida.
Responsibilities: GIS programmer.
- An **Environmental Analysis Interface** for the Florida Department of Transportation. July 1998 - December 1999. Worked on a chain of ArcView applications linked to Visual Basic that facilitated the process of Environmental Impact Evaluations. **Responsibilities:** Application development. Avenue and Visual Basic coding; on-line HTML.
- The **Florida Geographic Data Library Project:** July 1997 - July 2000. A joint effort of Florida Department of Environmental Protection and the GeoPlan Center, University of Florida. Worked on ArcView and Visual Basic applications tailored to facilitate the display and use of more than 80 County Based Geographic Data Layers delivered in CD-ROMs for the State of Florida. <http://www.fgdl.org>
Responsibilities: Application development. Avenue and Visual Basic coding; creating ArcView extensions.
- The **Statewide Greenways System Planning Project:** July 1996 - July 1997. A joint effort of Florida Department of Environmental Protection, Department of Landscape Architecture and the GeoPlan Center, aiming to design an ecologically functional Statewide Greenway System Plan. **Responsibilities:** GIS modeler for the raster based locational modeling for the Ecological Model and the Trail Model. Using ARCINFO, GRID, and AMLs in UNIX.
- June 1996 - August 1996. Contracted by the Gail Easley Company, Planning and Growth Management.
Responsibilities: Created Land Use data base and maps for Crystal River City, as part of the 1996-2010 Comprehensive Plan, prepared population growth and housing data.
- The **NPDES** project: September 1995 - April 1996. A joint effort of the Florida Department of Transportation and the GeoPlan Center, aiming to develop an environmental database to support the FDOT with its National Pollutant Discharge Elimination. **Responsibilities:** Data base development.
- The **Paseo Panthera** project: June 1995 - September 1995. A joint effort of the United States Agency for International Development and the GeoPlan Center that determined environmentally sensitive corridors to be protected in a chain of countries in Central America. **Responsibilities:** Mapping for final report.
- The **Radon Potential Mapping for Florida** project: January 1995 - December 1995. A joint effort of the Department of Community Affairs and the GeoPlan Center that determined the indoor potential Radon levels for the State of Florida as well as protection Radon levels for residential and large buildings in the state of Florida. **Responsibilities:** Data base, mapping.

COURTESY CONTRIBUTIONS

- Winter 2012- On behalf of the GSDI association, prepared a grant proposal (\$150,000) submitted to the US African Development Foundation in collaboration with EIS-AFRICA, a non-for-profit organization based in South Africa.
- *Fall 2012* – Direct an independent study related to watershed protection research at the CATHALAC institute in Panama. Student graduating in Environmental Engineering (ENV4905).
- *Summer 2012* – Direct an independent study in the area of transit and other transportation choices in Florida. Student minoring in Urban and Regional Planning (URP5446).

- *Summer – Fall 2011.* Prepare a Grant Proposal and build supporting trans-national institutional partnerships for a short term course in GIS/Environmental Science to Middle School students in Tirana, Albania, on behalf of the Mirash Ivanaj Foundation www.ivanaj.org.
- *Spring – Summer 2011.* Organize and lead a multidisciplinary working group of several Master and PhD students to conduct work with the newly released 2010 US Census Data.
- *Winter- Spring 2009.* Extensive work in support of the Alachua County's Poverty Reduction Advisory Board (PRAB), together with staff from the GeoPlan Center at the University of Florida and with Class of Spring 2009 URP4273. http://web.dcp.ufl.edu/juna/urp4273/sample_work.html
- *Summer 2004.* Created the first web site for the City of Newberry, Alachua County, Florida. Donated 100% of payment to URISA for the GISCorps. <http://www.cityofnewberryfl.com/>
- *Spring 2004.* Thesis Committee Member for Tim Clark. Computer Science Department, University of Florida, Gainesville, Florida.
- *December 2002 - present.* Spearheaded a GIS grass roots movement in coordination with the University of Florida and the Peace Corps, United Nations and the La Paz Municipality in Honduras.
- *Fall 2002.* Thesis Committee Courtesy Advisor for Feng Han. Urban and Regional Planning Department, University of Florida, Gainesville, Florida. Created a 10 year history of Land Use for Alachua County. http://growth-management.alachua.fl.us/specialprojects/pty_hist/main.php
- *Spring 2001.* Thesis Committee Courtesy Advisor for Jennifer Moreau. Urban and Regional Planning Department, University of Florida, Gainesville, Florida. Created an Information System for Historic Preservation in Alachua County and its website <http://web.dcp.ufl.edu/junagoda/HistoricPreservation>.
- *Year 2000 – present.* Advisory Board Member & Grant Writer. Mirash Ivanaj Foundation, NY, NY, www.ivanaj.org.
- *January 2000-April 2000.* Conversation Partner, English Language Institute, UF, Gainesville, Florida.
- *Fall 1999.* Translator from English into Albanian for [http:// www.thehungersite.com](http://www.thehungersite.com).
- *Summer 1998.* International student host. International Education Forum Program. Gainesville, Florida.
- *1995 -to present.* Occasional time donor at St. Francis House Homeless Shelter, Gainesville, Florida.
- *June - July 1979.* Construction worker. Re-building earthquake ruined mountain villages, Albanian Alps.

AFFILIATIONS

- Global Spatial Data Infrastructure association
- Geospatial International Society
- Free Software Foundation
- Urban and Regional Information Systems Association
- Amnesty International
- TAU SIGMA DELTA Honor Society in Architecture and Allied Arts