

Claudia Barragan

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Environmental urban planning practitioner with over 15 years of experience in community development, passionate about social equity as vital for urban sustainability & effective environmental justice policies.

EDUCATION

Exec. Master's of International Service (2015)

Global Environmental Policy
American University, Washington DC

Certificate Environmental Assessment (Fall 2017)

American University, Washington DC

B. Architecture (2000 - 2002)

Florida Atlantic University, FL

B.A. French & Int. Business Mgmt. (2000)

University of Maryland College Park, MD

Study Abroad, Engineering/French Language

EPF-École D'Ingénieurs, Paris, France (1998)

RELEVANT PROJECT BASED EXPERIENCE

Community / Urban Sustainable Development

Urban Planner/Designer

2003 - 2010 Public/Private Sector, Urban Planning, Campus planning (RTKL, SmithGroup, LandDesign)

Designed and developed master plans, TOD, feasibility & zoning analysis, building stock surveys, set forth by DC's comprehensive plan & sustainability neighborhood plans. consultant capacity (DCOP, DHS/GSA, DMPED)

Public projects: Saint Elizabeths East Campus & Saint Elizabeths West Campus Master Plan, Brookland/CUA Metro Station Small Area Plan, DC SW Building Stock Survey, Muslim Community Cntr Silver Spring MD

Private projects: Founder's Square, Arlington VA LEED-ND Pilot program, Residences at 4100 Georgia Avenue NW, Seminary Town Center Master Plan Alexandria VA, National Harbor Master Plan Oxon Hill, MD

Engagement in GIS initiative, Evaluation and Research Program

Innovation Consultant

Present Rainforest Alliance, Washington D.C.

- Develop user-driven web-based mapping content and applications for in-house experts and field specialists.
- Expand the organization's spatial analysis capacity by combining forest cover data, field analysis and story maps, all within a multimedia-mapping environment to advance sustainable agriculture projects.
- Research on "Precision Agriculture" tools for on-the-fly spatial data collection (GIS/RS/GPS) and remote sensing (RS) to update integrated resource management and ecosystem analysis.

Forest, livelihoods, Peri-Urban Youth-migration Practicum

Researcher/Urban Development Analyst

June 2014 Iracambi Research Center, Minas Gerais, Brazil (American University Research Abroad)

- Conducted survey of peri-urban youth, rural local farmers, urban gardeners & city food-security administrators.
- Researched in Brazil's Atlantic Forest rural region used GIS to integrate theory and front-line data to create maps and infographics to disseminate the findings and present at academic and industry conferences.
- Prepared final report offering implementable solutions for alleviating youth migration to urbanized areas.

Westport Neighborhood / Annapolis Road Enhancement Study

Project Manager, Urban Planner

2010 - 2012 Neighborhood Design Center, Baltimore, MD

- Provided planning services for the Westport neighborhood association a working class community in Baltimore
- Recruited, lead and managed a team of 7 designers and planners, to prepare a restoration plan for a blighted section of the Annapolis Road corridor. Worked one-on-one with association board members and residents.
 - Facilitated community meetings using GIS tools & maps to inform neighbors and determine spatial priorities.

International Sustainable World Class Urban Development

Senior Urban Planner/Designer

2003 - 2005 & 2007 - 2010 Private Sector, Sustainable Development, Urban Planning (LandDesign, RTKL)

Collaborated on 10+ international projects designing master plans and reports for regional and urban infill mixed-use development projects in China, Central America, Middle East and India.

People's Republic of China:

Tai Lake Ecological & Leisure Park, Tai Lake
Xuhui New Waterfront Master Plan, Shanghai
Zhengzhou Economic & Technology Dev. Plan, Zhengzhou

Other Regions:

India Entertainment City, Navi Mumbai, India
Gov. Complex Feasibility Study Riyadh, Saudi Arabia
Los Proceres Miced-Use Dev. Tegucigalpa, Honduras

Environmental Impact Assessment (EIS/NEPA) & Master Plan Site Analyst / Urban Planner
2005 – 2008 DHS/US Coast Guard Headquarters; St. Elizabeths Campus, D.C. (SmithGroup/JJR, RTKL)

Part of a multidisciplinary team, conducted numerous site analysis using GIS spatial tools to assess the environmental impacts of 3.8 million gsf of new development conveyed in the 2010 EIS/NEPA/Section 106 report for two US Federal Agencies campus master plan on a 182-acre Nat. Historic Landmark site.

- Performed Viewshed Analysis using LiDAR DEM data including building and trees surface, and site slope analysis determining adverse impacts to 73.2 acres of land including steep slopes.
- Using visualization tools prepared & presented analysis, to regulatory agencies for consensus building.

Geo-Design and Campus Master Planning Urban Planner / Designer / GIS innovator
2006 - 2010 Public & Institutional Sector, Campus Planning (RTKL, SmithGroup)

- Early Geodesign adopter, developed expertise in 3D visualization to provide value-based decision processes.
- Lead team in updating & maintaining geodatabase. Researched & acquired data from multi-language sources.
- Produced campus master plans, establishing long-term sustainability & connectivity initiatives.

Projects: University of District of Columbia Master Plan, King Street Art Center & Takoma Park Montgomery College MD, John Hopkins University Belward Research Campus Master Plan, Gaithersburg, MD

PROFESSIONAL EXPERIENCE

- 2015 – Present **Consulting Services, Washington D.C.**
Environmental Policy & Urban Development Consultant – Community-based & non-profit orgs.
- 2014 – 2015 **Rainforest Alliance, Washington D.C.**
GIS Innovation Consultant - International non-profit organization that works to conserve biodiversity and sustainable livelihoods.
- 2013 – Present **Instituto Internacional para Desarrollo Local (IIDEL) Onward International**
Program Representative - An organization missioned to build technical capacity of city administrators & urban planners in Latin America.
- 2010 – 2012 **Neighborhood Design Center, Baltimore, MD**
Westport Project Manager/Design Planning Consultant - Non-profit community based organization provides pro-bono planning/design services to disenfranchised neighborhoods.
- 2008 – 2010 **RTKL Associates Inc./ Arcadis, Washington, DC**
Senior Designer; Urban Planner - Global architecture, urban planning and design firm, delivers consulting, and project infrastructure services to the private and public sectors.
- 2005 – 2008 **SmithGroup/JJR, Washington, DC**
Urban Designer, Planner - National Architecture, sustainable design firm, specialize in the healthcare, science & technology, higher education, engineering and environmental science.
- 2004 - 2005 **Wienczek and Associates, Gaithersburg, MD**
Staff Architect and Planner - Regional architecture firm, specializing in socially responsible multifamily housing, urban infill revitalization, artist housing, cultural & education sectors.
- 2002 – 2004 **LandDesign Inc. Alexandria, VA**
Project Design Assistant - National landscape design firm offers urban design, planning, branding, & civil engineering solutions to public and private sector clients across the globe.

SKILLS

Computer Skills; Geo-Technical

- Esri ArcGIS & AGOL, Google Earth Pro,
- AutoCAD, BIM Revit, 3D modeling, SketchUp

Specialized Analytical Skills:

- Zoning/Land Use Analysis, Geo-Spatial, DEM
- NEPA/Sect. 106 EIA; Environmental Impact Assessments

Graphics Skills; Publish/Edit & Web

- Adobe Creative Illustrator, Photoshop, InDesign
- MS Office, Prezi, Wordpress, SPSS

Communication & Innovation Skills:

- Organizer, surveys, analytics & outreach
- Fluent in Spanish, Portuguese, French

CONFERENCES AND PRESENTATIONS:

- April 17, 2015 **Urban Environmental Stewardship Conference** - University of Maryland College Park
Curated selected project poster: *"Rural to Urban Youth Migration: peri-urban agricultural and food system livelihoods & stewardships; Belo Horizonte, Minas Gerais, Brazil."*
- March 17, 2015 **Annual Spring Lect. Dr. William Julius Wilson** American Univ. Metropolitan Policy Center
Graduate Winner Spring 2015 Student Poster Competition: *"Geopolitical Ecologies of Racial Dispersal: Paths of Fragmentation and Gentrification in the D.C. Region"*
- Dec. 5, 2014 **Rural Coalition 2014 Annual Winter Forum** - Global Via Campesina Network, USDA and UN officials to strategize on Farm Bill Reform - American University, Washington D.C.
Selected Poster Session: *"Agricultural Livelihoods: Rosário Da Limeira, Minas Gerais Brasil"*
- Feb. 22, 2014 **International Student Conference on Urban Sustainability**, Curitiba, Brazil
Universidade Livre do Meio Ambiente & Universidade Tecnológica Federal do Paraná
Selected Abstract & roundtable discussion: Urban Mobility - *"Sustainability Study: Westport Neighborhood / Annapolis Road Enhancement Study"*

BOARD LEADERSHIP & AFFILIATIONS

- 2016 - present Chair, Environmental Justice Committee, DC Sierra Club
- 2016 - present Exec. Board DC Language Access Coalition
- 2012 - present Exec. Board DC Latino Caucus: Communication Officer & Board member
- 2012 Organizing for America (OFA) Fellow – Obama presidential campaign, Latinos for Obama
- 2015 - present Society for Conservation GIS - member
- 2009 - present DC GIS steering committee - member

AWARDS & VOLUNTEERING ACTIVITIES

- 2014 - 2016 Neighborhood Design Center – Prince George's County, MD
*2010 Volunteer of the Year: Neighborhood Design Center Baltimore, MD
- 2012 - present DC City Wildlife Center Volunteer
- 2007 - present Urban Plan School Facilitator (Urban Land Institute) Washington D.C. Chapter

MASTER PLAN APPROVED REPORTS PUBLICATIONS & DOCUMENTS

- 2009 The University of District of Columbia Van Ness Campus Plan
http://www.udc.edu/docs/facilities/UDC_Campus_Plan_Final_Exhibits.pdf
- 2009 Saint Elizabeth's East Redevelopment Framework Plan
<http://planning.dc.gov/DC/Planning/In+Your+Neighborhood/Wards/Ward+8/Saint+Elizabets+East+Redevelopment+Framework+Plan>
- 2008 Brookland CUA Metro Station Small Area Plan
<http://planning.dc.gov/DC/Planning/In+Your+Neighborhood/Wards/Ward+5/Brookland+CUA+Metro+Station+Small+Area+Plan>
- 2008 NEPA-Environmental Impact Statement - Saint Elizabeth's
http://assets.stelizabethsdevelopment.com/documents/document_center/6_Chapter_3.pdf?CFTREEITEMKEY=D95
- 2007 Saint Elizabeth's Master Plan West Campus - Submission to NCPC
2007 Master Plan Alternatives ([link](#)) & 2005 Land Use Feasibility Study ([link](#))
http://stelizabethsdevelopment.com/document_center.cfm

RESEARCH PROJECTS IN PROGRESS

Geopolitical Ecologies of Racial Dispersal: Paths of habitat Fragmentation & Gentrification in the D.C. region