

Sara Torrubia. Resume

2138 BOYER AVE, SEATTLE WA 98112 (USA)
206-397-2310,
storrubiain@gmail.com

SUMMARY OF QUALIFICATIONS

- 6 years of experience in environmental planning, design and management of green infrastructure in an urbanized portfolio over 1,000,000 sq. meters in Madrid region
- 2 years of GIS based environmental research training in conservation planning, urban ecology, road ecology and hazard mitigation.
- 8 years of interdisciplinary and continuing education preceded by a solid technical foundation and career experience, recently upgraded by a period of academic research training and immersion in advanced GIS technologies.

SKILLS

- Excellent interpersonal skills
- Ability to work cross-culturally, independently and collaboratively
- Strong critical thinker and thorough problem solver. Rigorous researcher
- Strong geospatial and graphical competencies. Proficient in Arcgis 10: Spatial Analyst, Geostatistical, Network and 3D Analyst extensions, Model Builder programming
- Proficient in Geospatial Modeling Environment (GME), Linkage Mapper, Fragstats and other related Spatial-Ecological ArcGis packages or extensions
- Advanced in other GIS open source software, Gvsig, Grass
- Advanced at other graphic delivery related software including Autocad , 3D Google Earth and SketchUp
- Intermediate competencies in imagery analysis software ENVI
- Intermediate competencies in statistical analysis; R and Statgraphics
- Strong care in visual display design with advanced competencies in PowerPoint and Publisher. Proficient in Word and Excel
- Proficient in English and native in Spanish

WORK EXPERIENCE

April 2012 – Present

Research Assistant .University of Washington-WHCWG wacnected.org.

GIS Lead Analyst in "Opportunities to Restore Connectivity, a Cost Effective Analysis" for Columbia Plateau Eco-regional Assessment Project.

- In press ,Ecological Society of America, annual conference paper: *Restoring Areas for Connectivity: Balancing Cost, Threat and Effectiveness*

Sept 2008 – Sept 2010

Environmental Project Manager. Hecesa Inmobiliaria hercesa.com

Coordination and management of Environmental Impact Assessment (EIA) studies and reports for urbanized infrastructures in Madrid Region including:

- El Viso. Water treatment plant 60,000 dwu, EIA report and licensing management
- Valdelaguila Golf Course extension, EIA report and especial forest affection studies
- Miramadrid stream mitigation design project

April 2005 – Sept. 2008

Green Infrastructures Assistant Project Manager Hecesa Inmobiliaria hercesa.com

Project Manager and administrator at the Department of Construction Management, for Madrid Region , in charge of open spaces projects including:

- Ciudad Norte, licensing management of 25,435 sqm of riverine recreational areas

Sara Torrubia. Resume

- El Viso , project management of 320,417 sqm of open spaces and parks
- Miramadrid, construction management of 500,325 sqm of open spaces and parks

Jan.2004 – April 2005

Green Infrastructure Designer. Solano & Catalán. solano-catalan.com

Designer in a multidisciplinary design team working on urban recreation and landscape mitigation projects associated with linear infrastructures

EDUCATION

Sept. 2011- Present

Geographic Information Systems Certificate

University of Washington Professional and Continuing Education

Capstone Project: **City Emergency Operation Sites Mapping (CEOS map)**

GIS tool development sponsored by City of Seattle Emergency Operations Center. (GIS Coordinator Role). Expected graduation June 2012

Sept. 2010 – Present

Visitor Research Training

University of Washington, College of Forest Resources, Landscape Ecology Lab, College of Built Environment Urban Ecology Lab

GIS technologies applied to land use/land cover change modeling and conservation planning in urbanized areas

June 2010 – Present

PhD Candidate

Technical University of Madrid

Impact of Land Use Change on Landscape Connectivity in Sub-urban and Ex-urban Areas in Madrid Region. Expected graduation December 2012

Sept. 2009 – Sept 2010

MS in Sustainable Development and Resource Management

Technical University of Madrid

Thesis: Impact of Urbanization on Conservation of High Biodiversity Ex-Urban Reserves

Sept. 2003 – Sept 2008

Bachelor in Engineering, Major in Environmental Assessment

Technical University of Madrid

Concentration courses on Rural Design and Green Infrastructures

Capstone Project: Mitigation of Drainage Infrastructure Impact on Leganitos Stream and related Historic Irrigation Channels in Madrid Region" Shortlisted in the 2009 Cultural Landscape National Awards