Phd Candidate / Functional Ecology

Juan Durango

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Has worked as independent environmental consultant and university teacher. VLIR-UOS fellowship winner. Research on remote sensing and G.I.S. techniques, multidisciplinary approaches, environmental awareness, mainly in the ecological and forestry areas.

Skills / Abilities

General

- Excellent abilities to engage in multidisciplinary groups
- Advanced understanding on geospatial analysis
- Proven knowledge in land use planning and management

Specific

Five years of experience in the following areas:

- Spatial distribution analysis in tropical ecosystems
- Multi-factorial and multi-criteria analysis
- Natural and recreational areas design and planning
- Geo-statistics and spatial-temporal characterization
- Unsupervised and Supervised mapping techniques
- Geo-environmental support for building designing
- Environmental awareness transfer to different type of actors with varied techniques

Education

2009-2011	**Master in Advanced Studies of Human Ecology** Vrije Univeriteit Brussels Multidisciplinary approaches to sustainable development of natural resources
2000-2006	**Bac+5 in Ecological Tourism** Pontificia Universidad Catolica del Ecuador (PUCE) Ecological principles and tourism management

Qualities

Hard working

Kindness

Team-working

Experience

Research on differences of young and mature forest for genetic sampling

Capacity building and designing for implementation of ecological corridors in a Amazonian foothill forest

Assistant Teacher at PUCE and UDLA universities in Ecuador

Design of public transportation terminals

Languages

Spanish: Mother tongue.
English: Professional level
French: Conversation level

IT knowledge

ArcGIS. High.
QGIS Medium
OTB/SAGA/GDAL Medium
Software. Level. Certificate.
JMP 10 Medium
PRIMER V6. Multifactorial analysis
Microsoft Office High
SPSS Medium