



Jessica Duchicela, PhD
Ecology, Evolution and Behaviour
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Areas of expertise



Areas of interest:

- Skills:
New ways of knowledge production and decision-making: Transdisciplinary Research:
 - Building a Research Agenda for Conservation and Sustainability.
 - Science Clusters
- Research question:
How local communities of soil symbionts lead the distribution and abundance of key plant species; how this knowledge could influence the management of farmland and natural areas conservation? **Which science based evidences are useful to determine effective interventions to guide policy and practice?**

Research

Experience

Microbially-Mediated Plant Invasion in the Galapagos

2016

Creation of Research Cluster Galapagos

Biological Remediation of Explosive Residues

2013

Soil symbionts as filters & the environmental consequences: Mycorrhizal Fungi in the Galapagos Islands, Ecuador

2009

Functional Links Between Aboveground Changes And Belowground Activity With Land Use In The Americas: Soil Biodiversity And Food Security. Acronym: AMFOODS -IAI CRN II-014

2007

Arbuscular Mycorrhizal Fungi in Agricultural Fields in Ecuador

2001



Junior Scientist
Assistant Professor

Universidad de las Fuerzas Armadas – ESPE
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Teaching & Research Assistant
EEB Grad Student
Indiana University
Bloomington, USA



Co-Pi Ecuador
Master EEB
Indiana University
Bloomington, USA



Centro de Investigación Científica
CIENCI – ESPE
Ecuador



Awards

2007
Faculty Development
Scholarship
Fulbright – Laspau,
Ecuador

2016
Junior Scientist 2016
Matilde Hidalgo Award
Secretaria Nacional de Educación Superior,
Ciencia, Tecnología e Innovación
Ecuador

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