

# Laura Roldan-Gomez

PHD CANDIDATE IN ADVANCED QUANTITATIVE METHODS

University of Exeter, UK

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## Education

### University of Exeter

PHD CANDIDATE ADVANCED QUANTITATIVE METHODS

United Kingdom

Expected 2025

MRES. ADVANCED QUANTITATIVE METHODS

2020

### University of Bristol

United Kingdom

MRES. SUSTAINABLE FUTURES

2019

### Universidad Javeriana

Colombia

MSc. ENVIRONMENTAL MANAGEMENT

2014

### Universidad de Los Andes

Colombia

BSc. BIOLOGY

2007

## Publications

### JOURNALS

- L. JASNY, C. PRELL, E. SCHIFFER, L. ROLDAN, M. BARNES, P. MATOUS, M. HAMILTON, D. JACOBS, J. SAYLES, A. GUERRERO.  
(2021) PARTICIPANT ENGAGEMENT IN ENVIRONMENTALLY FOCUSED SOCIAL NETWORK DATA COLLECTION. SOCIAL NETWORKS

2021

### WORKING PAPERS

- SOCIAL-ECOLOGICAL NETWORKS AND RISK: HOW IS PERCEIVED AND ECOLOGICAL RISK ASSOCIATED WITH NETWORK  
STRUCTURE? (FIRST AUTHOR WITH LORIEN JASNY, ANGELA GUERRERO, MICHELE BARNES, STEVEN ALEXANDER

- HOW DO ARMED CONFLICTS EVOLVE? RELATIONAL EVENT MODELS IN THE CONTEXT OF WAR (SINGLE AUTHOR)

- THE USE OF NETWORK ANALYSIS IN UNDERSTANDING ENVIRONMENTAL OUTCOMES: A SYSTEMATIC LITERATURE REVIEW  
(SECOND AUTHOR WITH ANTONY EMENYU AND LORIEN JASNY)

- SCOPING REVIEW OF THE INTEGRATION OF NETWORK AND SPATIAL CONCEPTS AND METHODS IN INVESTIGATING  
SOCIO-ECOLOGICAL SYSTEMS (SINGLE AUTHOR)

- EFFECT OF ARMED CONFLICT ON FOREST COVER IN COLOMBIA FROM 2000 TO 2006: A DIFFERENCE IN DIFFERENCE ANALYSIS  
(SINGLE AUTHOR)

### BOOK CHAPTERS

- F.S. SOSA RODRIGUEZ, F. PINEDA CAMPOS, A. FLORES DIAZ, L. ROLDAN, E. RIOS PATRON. (2023). ESTRATEGIAS PARA LA  
INTEGRACIÓN DE SUJETOS Y ACTORES SOCIALES EN LA RESTAURACIÓN DEL CICLO SOCIONATURAL DEL AGUA. EN: J.R. GARCIA  
BARRIOS, S. MOZKA ESTRADA (Eds). PROBLEMAS DEL AGUA EN MÉXICO. ¿CÓMO ABORDARLOS? (PP. 339-361).

2023

- UNGAR, P., OSEJO, A., ROLDAN, L., BUITRAGO, E. (2014). CARACTERIZACIÓN DEL SISTEMA SOCIAL ASOCIADO AL TERRITORIO.  
EN: SARMIENTO, C. Y P. UNGAR (Eds). APORTES A LA DELIMITACIÓN DEL PÁRAMO MEDIANTE LA IDENTIFICACIÓN DE LOS LÍMITES  
INFERIORES DEL ECOSISTEMA (PP. 54-68).

2014

### OTHER

- ROLDAN L. 2012. ELEMENT MAPPING OF THE STANDARD FOR BIODIVERSITY INFORMATION INTEROPERABILITY AND THE  
DARWIN CORE (VERSION 2011-10-26). BIODIVERSITY INFORMATION SYSTEM OF COLOMBIA. BOGOTÁ D.C. COLOMBIA. 53P.

2012

- ESCOBAR D, ROLDAN L, VÉLEZ D. 2012. GLOSSARY AND ACRONYMS: INTEROPERABILITY AND MANAGEMENT ON BIODIVERSITY  
CONTENT. BIODIVERSITY INFORMATION SYSTEM OF COLOMBIA, BOGOTÁ D.C., COLOMBIA, 6P.

\*

- WIECZOREK, J. 2011. THE GBIF INTEGRATED PUBLISHING TOOLKIT USER MANUAL, VERSION 2.0. COPENHAGEN: GLOBAL  
BIODIVERSITY INFORMATION FACILITY. TRANSLATION TO SPANISH BY ESCOBAR D, ROLDAN L, AMARILES D, BOGOTA: SiB  
COLOMBIA, 72 PP.

2011

- TDWG (2011). DARWIN CORE ELEMENTS: A QUICK REFERENCE GUIDE. (ORIGINAL VERSION BY TDWG, TRANSLATED TO SPANISH BY ROLDAN, L.). BOGOTA: SiB COLOMBIA, 35 PP. \*
- MONITORING INFORMATION SYSTEM FOR THE NATIONAL NATURAL PARKS SYSTEM MANUAL - SULA. \*

## Conference and Seminar Presentations

AUSTRALIAN SOCIAL NETWORK ANALYSIS CONFERENCE - ASNAC	2024
WOMEN IN NETWORK SCIENCE	*
SUNBELT	2023
SUNBELT	2022
PGR AND ECR CONFERENCE FOR SOCIOLOGY, PHILOSOPHY, ANTHROPOLOGY AND POLITICS COLLABORATION AND EMPOWERMENT	*
ECPR - GENERAL CONFERENCE	*
POLNET	*
EUROPEAN CONFERENCE OF SOCIAL NETWORKS	2021
SUNBELT	2020

## Teaching Experience

<b>Teaching Assistant, University of Exeter</b>	United Kingdom
DATA ANALYSIS IN SOCIAL SCIENCE II	Sep-Dec 2024
INTRODUCTION TO SOCIAL NETWORK ANALYSIS	Jan-Mar 2021
DATA ANALYSIS IN SOCIAL SCIENCE I	Jan-Mar 2021
DATA ANALYSIS IN SOCIAL SCIENCE II	Sep-Dec 2020
INSTITUTE OF CODING SUMMER SCHOOL - R AND PYTHON	Jun-Jul 2020
WORKSHOP ON SOCIAL NETWORKS	Sep 2019
NHS R TRAINING COURSE	May 2019
<b>Co-lead, Coding for Reproducible Research Programme</b>	
STATISTICAL MODELLING IN R	June 2022
<b>Co-lead, Coding for Reproducible Research Programme</b>	
INTRODUCTION TO R	June 2022
<b>Module Instructor, Universidad Ibero</b>	México
INTRODUCTION TO SOCIAL NETWORK ANALYSIS AND SOCIO-ECOLOGICAL NETWORK ANALYSIS	February 2023
<b>Teaching Assistant, Heriot Watt University</b>	United Kingdom
INTRODUCTION TO SOCIAL NETWORK ANALYSIS WITH R AND STATNET	January 2022

## Awards

<b>Post-Graduate Researcher Academic Citizenship Award</b>	
UNIVERSITY OF EXETER	2024
<b>INSNA Student Member Travel Award</b>	
INSNA	2023
<b>INSNA Travel Award</b>	
INSNA	2022
<b>Volunteer of the Year</b>	
DEVON WILDLIFE TRUST	2014

## Workshop Attendance

<b>Spatial Social Network Analysis</b>	
SUNBELT PORTLAND, USA	2023
<b>Relational Spatial Analysis</b>	
TECHNISCHE UNIVERSITÄT BERLIN, GERMANY	2022
<b>Relational Event Models</b>	
CARTER BUTTS AT SUNBELT, AUSTRALIA	*
<b>Social-Ecological Network Analysis</b>	
CENTRE FOR COMPLEX SYSTEMS STUDIES, UTRECHT UNIVERSITY, NETHERLANDS	*
<b>Learning from Geoenvironmental Data: Tools for a Changing Planet</b>	
VENICE INTERNATIONAL UNIVERSITY, ITALY	*
<b>Advanced Social Network Techniques</b>	
NUSC SUMMER SCHOOL IN NETWORK AND DATA SCIENCE, ONLINE	2021
<b>Longitudinal Network Models Using RSiena</b>	
EXETER UNIVERSITY, UK	2020
<b>Introduction to Social and Ecological Network Analysis</b>	
UNIVERSITY OF MARYLAND - SESYNC, USA	2019

## Employment History

<b>Queensland University of Technology, Australia</b>	
RESEARCHER	2024 - Ongoing
<b>Unit for Rural and Agricultural Planning, Colombia</b>	
CONTRACTOR	2017-2018
<b>Geography Department University of Exeter, United Kingdom</b>	
RESEARCH ASSISTANT	Mar-Nov 2014
<b>Institute for Research on Biological Resources Alexander von Humboldt, Colombia</b>	
RESEARCHER	2011-2014
<b>National Natural Parks System, Colombia</b>	
CONTRACTOR	2007-2010

## Other Service

<b>Committee Member</b>	
INSNA MEMBERSHIP ENGAGEMENT COMMITTEE	2024 - Ongoing
<b>Council Member</b>	
EARLY AND MIDDLE CAREER RESEARCHERS IN SOCIAL NETWORK ANALYSIS	2022-2024
<b>Panel Member</b>	
THE PHD JOURNEY	2024
<b>Panel Moderator</b>	
TIPS AND TRICKS FOR YOUR PHD	2023
<b>Coordination Group Member</b>	
COLECTIVO RIBEREAR, MEXICO	2020-ongoing
<b>Steering Committee Member</b>	
FACULTY OF ENVIRONMENTAL AND RURAL STUDIES, UNIVERSIDAD JAVERIANA, COLOMBIA	2019-2020