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EDUCATION

PhD Candidate — 2015 - present
Ecological Sciences and Engineering/ Department of Forestry and Natural Resources — West Lafayette, IN
Purdue University
Advisor: Prof. Jeffrey Dukes

Master of Science — 2014
Computer and Information Technology — West Lafayette, IN
Purdue University
Advisor: Prof. Alejandra Magana

Bachelor Degree — 2012
Ecology — Bogotá D.C., Colombia
Pontificia Universidad Javeriana
Advisor: Prof. Armando Sarmiento

PROFESSIONAL EXPERIENCE

Co-Instructor — June 2016
Computational modeling Summer course — Medellín, Colombia
EAFIT University

Member of the Research Group — Oct 2012 - Jan 2013
Fundación El Cinco — Medellín, Colombia

Environmental Management Advisor — March- Aug 2012
Contaduría General de la Nación — Bogotá, Colombia

GRADUATE ASSISTANTSHIPS

Teaching Assistant — Spring 2019
Department of Forestry and Natural Resources — West Lafayette, IN
Purdue University

Graduate Assistant — Jan – Dec 2018
Colombia Purdue Partnership — West Lafayette, IN
Office of Corporate and Global Partnerships
Purdue University

Graduate Assistant — May 2014 – Dec 2017
Office of Strategic Planning and Assessment — West Lafayette, IN
College of Engineering
Purdue University

Research Assistant — Aug 2013 - May 2014
Department of Computer and Information Technology — West Lafayette, IN
Purdue University

PUBLICATIONS

Uribe, M.R., Sierra, C. A., and Dukes, J. S. Seasonality of tropical photosynthesis; a global map of drivers and comparison to model output. Global Change Biology. In review.

Salazar, A., Sanchez, A., Villegas, J. C., Salazar, J. F., Ruiz Carrascal, D., Sitch, S., Restrepo, J. D., Poveda, G., Feeley, K. J., Mercado, L. M., Arias, P. A., Sierra, C. A., **Uribe, M.R.,** Pérez, J. C., Rendón, A. M., Tortarolo, G. M., Cárdenas-Rozo, A. L., Mercado-Bettin, D., Posada, J. A., Zhuang, Q., Dukes, J. S. (2018). The ecology of peace: preparing Colombia for new political and planetary climates. *Frontiers in Ecology and the Environment*, 16(9), 525-531.

Uribe, M.R., Magana, A. J., Bahk, J. H., & Shakouri, A. (2016). Computational simulations as virtual laboratories for online engineering education: A case study in the field of thermoelectricity. *Computer Applications in Engineering Education*, 24(3), 428-442.

Bot, R.L., **Uribe, M.R.,** Magana, A.J., Mustillo, T.J., & Springer, J.A. (2014). A study of perceptions, usability and future adoption of a web-based learning tool. *International Journal of Technology Diffusion (IJTD)*, 5(3), 86-108.

ORAL AND POSTER PRESENTATIONS

Uribe, M.R., Sierra, C. A., and Dukes, J. S. Seasonal Photosynthetic Activity in the Global Tropics is Characterized by three Dominant Relationships with Precipitation and Radiation. American Geophysical Union Fall Meeting. San Francisco, CA, USA. December 11, 2019.

Uribe, M.R., Sierra, C. A., and Dukes, J. S. The rhythm of tropical ecosystems: Drivers of carbon uptake seasonality in ecosystem models. *American Geophysical Union Fall Meeting*. Washington D.C., December 14, 2018.

Uribe, M.R., Sierra, C. A., and Dukes, J. S. "What drives the rhythm of tropical ecosystems? Carbon uptake seasonality in ecosystem models". *Ecological Society of America Annual Meeting.* New Orleans, August 10, 2018.

Uribe, M.R., Sierra, C. A., and Dukes, J. S. "What drives the rhythm of tropical ecosystems? Carbon uptake seasonality in ecosystem models". *Office of Interdisciplinary Graduate Programs' Spring Reception*. West Lafayette, May 2, 2018.

Uribe, M.R., Sierra, C. A., and Dukes, J. S. "What drives the rhythm of tropical ecosystems? Carbon uptake seasonality in ecosystem models". *Forestry and Natural Resources Poster session*. West Lafayette, April 13, 2018.

Uribe, M.R., Zhuang, Q. Modeling carbon uptake seasonality in tropical evergreen forests of the Amazon with TEM. *International Conference on Atmosphere-Biosphere Interactions*. Medellín, Colombia, Oct. 31 – Nov. 2, 2016.

FELLOWSHIPS AND AWARDS

Bilsland Dissertation Fellowship, Purdue University	Spring 2020
Blosser Environmental Travel Grant, Purdue University	2018
PCCRC Travel Grant, Purdue University	2016, 2018
FNR Poster Session (2nd place), Purdue University	2018
Colciencias Doctoral Fellowship, Colciencias	2015
Summa Cum Laude for the best GPA in Ecology Major, Pontificia Universidad Javeriana	2012

AFFILIATIONS AND MEMBERSHIPS

American Geophysical Union	August 2018-present
Leadership Purdue Climate Change Research Center Graduate/Post-doc Group	2017
Colombian Student Association at Purdue, *Web master and Communications*	2014-2015

ADDITIONAL TRAINING

International High Performance Computing Summer School	Kobe, Japan July, 2019
New Advances in Land Carbon Cycle Modeling	Flagstaff, AZ May, 2018
4th ICOS Summer School "Challenges in measurements of greenhouse gases and their interpretation"	Finland May, 2017

LANGUAGE SKILLS

Spanish (native speaker)
English (fluent)
French (basic proficiency)