

Personal information

Colombian and British Citizen, born in London, UK, 05-18-1977
Father of two boys

Degrees, programmes and completed courses related to the vacancy

2019 Docent in Natural Sciences, Stockholm University, Sweden
2015 Ph.D., Physical Geography, Stockholm University, Sweden
“Changes in the Freshwater System: Distinguishing Climate and Landscape Drivers”
Advisor: Georgia Destouni
2010 Diploma in Climate Change and Kyoto Protocol, Latin American Institute of Sciences,
Peru
2007 M.Sc., Civil Engineering, McGill University, Canada
2000 B.Sc., Civil Engineering, Universidad de los Andes, Colombia

Employment history

Current position

2019 – Associate Professor, Dept. of Physical Geography (NatGeo), Stockholm University,
Sweden

Previous employments

2016 – 2018 Researcher, Natgeo (70%) and Stockholm Resilience Centre (30%), Stockholm
University, Sweden
2015 – 2016 Postdoctoral Researcher Dept. of Biological and Environmental Sciences, University of
Gothenburg (50%) and Physical Geography, Stockholm University (50%)
2008 – 2010 Environmental Coordinator, Ingetec S.A., Colombia
2002 – 2005 Contract Coordinator, Drummond, Colombia
2000 – 2002 Environmental Engineer, Universidad de los Andes, Colombia

Fellowships

2016 Courtesy Postdoctoral Associate (one year)
Geodesy Group-Dept. of Earth and Environment, Florida International University, U.S.A
2006 Visiting Student (one year)
Dept. of Civil Engineering, University of the West Indies, Trinidad and Tobago

Supervision of Graduate Students

Ph.D.: Current Main Advisor of 2 students (Luigi Piemontese and Saeed Aminjafari) and Co-advisor of 3
(Sonia Borja-SU, David Zamora- U. Nacional, Sebastian Palomino-U. Medellin)
Master's: Main Advisor of 7 students (4 current, 3 former).

Teaching activities (selected)

2018– Course Responsible to GE8009- “Land and Water Risk Assessment”, SU, Sweden
Course Responsible to GE8024- “Advance Hydrology”
2017– Lecturer to GE7025- “Global Water Vulnerability and Resilience”
2012–2014 Teaching Assistant to GE8009- “Land-Water Risk Assessment”
2007 Teaching Assistant to CVNG1001- “Fluid Mechanics”, UWI, Trinidad and Tobago

Institutional Responsibilities

- 2019– Leader of the Research Area 3- Hydrosphere, Cryosphere and Climate of the Bolin Centre for Climate Research, Stockholm University.
- 2018– Head of the Hydrology, Water Resources and Permafrost Unit, Department of Physical Geography, Stockholm University

Scientific Assignments and Commissions of Trust and Awards

- 2018 Publons Peer Review Awards “Top 1% in Field”
- 2018 Reviewer for the Austrian Academy of Sciences
- 2016 Reviewer for the Water Window Challenge of Zurich Insurance Group, ZZF and GRP
- 2016 Proposal evaluator for the Natural Sciences and Engineering Research Council of Canada
- 2015 Referee commissions for 33 different peer-reviewed journals (119 reviews)

Awards and stipends (Selected)

Total amount granted as Main applicant: ~ 13,000,000 SEK (1,270,000 €)

- 2019 Swedish National Space Board
- 2018 Stiftelsen för internationalisering av högre utbildning och forskning, Initiation Grant
- 2016 Swedish Research Council (VR), International Postdoc
- 2016 Swedish R. C. for Environment, Agricultural Sciences and Spatial Planning (FORMAS), Mobility Grant.
- 2016 Biodiversity and Ecosystem services in a Changing Climate project (BECC)
- 2015 SSAG and Swedish Academy of Sciences (KVA)
- 2000-2015 A. och M. Bergströms Stiftelse, Lag. och Ahl. Fonder, Helge Ax:Son Johnsons Stiftelse

Research Summary and Peer-Reviewed Publications (last five)

22 peer-reviewed publications, h-index: 14; citations: 753 (google citations)

22. **Jaramillo, F.**, L. Licero, I. Åhlen, S. Manzoni, J.A. Rodríguez-Rodríguez, A. Guittard, A. Hylin, J. Bolaños, J. Jawitz, S. Wdowinski, O. Martínez, L.F. Espinosa. Effects of hydroclimatic change and rehabilitation activities on salinity and mangrove recovery in the Ciénaga Grande de Santa Marta, Colombia. *Wetlands*, 1–13, 2018.
21. Mills, G., Sharps, K., Simpson, D., Pleijel, H., Broberg, M., Uddling, J., **Jaramillo, F.**, et al. (2018). Ozone pollution will compromise efforts to increase global wheat production. *Global Change Biology*, 24(8), 3560–3574, 2018.
20. **Jaramillo, F.**, Brown, I., Castellazzi, et al.: Assessment of hydrologic connectivity in an ungauged wetland with InSAR observations, *Environ. Res. Lett.*, 13(2), 2018.
19. **Jaramillo, F.**, Cory, N., Arheimer, B., Laudon, H., van der Velde, Y., Hasper, T. B., Teutschbein, C. and Uddling, J.: Dominant effect of increasing forest biomass on evapotranspiration: interpretations of movement in Budyko space, *Hydrol. Earth Syst. Sci.*, 22(1), 567–580, 2018.
18. Wemple, B. C., Browning, T., Ziegler, A. D., Celi, J., Chun, K. P. (Sun), **Jaramillo, F.**, et al.. Ecohydrological disturbances associated with roads: Current knowledge, research needs, and management concerns with reference to the tropics. *Ecohydrology*, 11(3), e1881, 2018.