

GLORIA BURITICÁ

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I work in the field of extreme value statistics. Mainly interested in risk assessment with applications to environmental and climate sciences, I defended my Ph.D. thesis “Assessing the time dependence of multivariate extremes for heavy rainfall modeling” in May 2022 at LPSM lab, Sorbonne Université.

EDUCATION

Sorbonne Université, LPSM laboratory, Paris.

October 2019 - present

Ph.D.: *Assessing the time dependence of multivariate extremes for heavy rainfall modeling.*

Supervised by: Olivier Wintenberger, olivier.wintenberger@upmc.fr,

Philippe Naveau, philippe.naveau@lsce.ipsl.fr.

Sorbonne Université, Paris.

September 2018 - August 2019

Master 2, Probabilités et modèles aléatoires,

Mention bien

Processus stochastiques.

Sorbonne Université, Paris.

September 2017 - June 2018

Master 1, Mathématiques et applications,

Mention bien

Universidad de los Andes, Bogotá.

September 2013 - June 2017

BSc Mathematics,

GPA 4.01/5

Dissertation: *El problema del subespacio invariante.*

Supervised by: Alexander Berenstein, aberenst@uniandes.edu.co.

PROFESSIONAL APPOINTMENTS

Sorbonne Université, Paris - Research internship

May 2019 - July 2019

Dissertation: *Analyse des extrêmes multivariées: la méthode de rangs.*

Supervised by: Olivier Wintenberger, olivier.wintenberger@upmc.fr.

Sorbonne Université, Paris - Teaching assistant

2019 - present

- Introduction to probability and statistics, L3,
- Time series analysis, M1,
- Numerical probability and computational statistics, M1,
- Introduction to statistics, M1.

Universidad de los Andes, Bogotá - Teaching assistant

2014 - 2017

- Object-oriented programming in Java,
- Measure Theory,
- Linear Algebra II,
- Differential Calculus.

LANGUAGES AND IT SKILLS

IT skills

R, LaTeX, C++ (basic), Java (basic).

Languages

Spanish (mother tongue), French (fluent), English (fluent).