

Alejandro Uribe Cortes

*M.Sc Meteorology, M.sc
Climate Sciences.*

*Svante Arrhenius Väg 16C
Stockholm, Sweden*

+46 72 147 33 55

✉ alejandro.uribe-cortes@misu.su.se



*“The future belongs to those who believe in the beauty of
their dreams.” -- Eleanor Roosevelt*

Professional Profile

My professional studies allow me to deal in the field of meteorology, as well as in mathematics and physics in both research and teaching. The work experience that I have acquired makes me a dynamic, recursive, organized and competent person, which facilitates by one hand my high degree of academic and laboral responsibility and by other my relationship with partners.

Education

2003-2008 **Degree on Physics**, *Universidad Pedagógica Nacional, Bogotá, Colombia.*

2009-2012 **Magister in Meteorology**, *Universidad Nacional de Colombia, Bogotá, Colombia.*

2016-2018 **Magister in Integrated Climate System Sciences**, *Hambrug University, Hamburg, Germany.*

2018- **Phd atmospheric sciences and oceanography**, *Stockholm University, Stockholm,*
Current *Sweden.*

Schools

2016 **Winter School Abu Dhabi Assessment of Numerical Weather Prediction Models**, *University of Hohenheim and Masdara Institute, Abu Dhabi, UEA.*

2017 **Summer School Research Methods in Sustainable Development Summer School**, *Université Paris-I Panthéon-Sorbonne and Columbia University, Paris, France.*

2019 **2nd ICTP Summer School on Theory, Mechanisms and Hierarchical Modelling of Climate Dynamics: Convective Organization and Climate Sensitivity**, *ICTP, Trieste, Italy.*

Work Experience

January, **Meteorologist**, *IDEAM, Bogotá.*

2013 - In short, the object of the contracts consisted on: Provide professional services in weather forecast, specials forecasts, climate variability, marine meteorology, agrometeorology. Additionally,
October, implementing improvements in the numerical simulation of precipitation and wind, adjusting
2016 and validating numerical models, supporting new software implementation and training the forecasters group

03/14 **Teacher**, *Universidad Nacional de Colombia, Cartagena.*

The contract object consisted on: Provide professional services to support classes and guide weather forecast practices into capacitation course for Centre for Oceanographic and Hydrographic Research in the Caribbean (CIOH) staff in Cartagena

2010 **Teacher**, *Universidad Nacional de Colombia*, Bogotá.

Teacher of module: Mechanisms of Energy Transfer in the certified course: Interpretation of Satellite Images and Nephanalysis

Skills

Linux	Use of the operative system, Mesoescale model WRF and ICON model
Programming	Python, Jupyter notebooks
Data Analysis	CDO, NCL, GrADS, McIDAS and SmartMet