

## I.

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**Nationality :** Guinean



## II. PRINCIPAL INTEREST FIELDS :

Atmospheric Physics	Climatology
Meteorology	GIS mapping
Remote sensing	Natural risks management
Space weather	Data analysis

## III. ACADEMIC TRAININGS : FROM THE MOST RECENT TO THE OLDEST

<b>Institution :</b>	University of Reunion Island (France)
<b>Training period :</b>	From September 2016 to March 2020
<b>Defended on :</b>	March 30th 2020
<b>Degree expected:</b>	Ph.D. in Atmospheric Physics.
<b>Institution :</b>	University of Reunion Island (France)
<b>Training period :</b>	From September 2014 to June 2015
<b>Defended on :</b>	June 26th, 2015
<b>Degree obtained :</b>	Master's degree 2 in Remote sensing and natural risks
<b>Institution :</b>	Scientific Research Center of Conakry Rogbane (CERESCOR-Guinea)
<b>Training period :</b>	2013-2014
<b>Defended on :</b>	Non defended
<b>Degree obtained:</b>	Diploma non available (in the field of Oceanography and Coastal environment)
<b>Institution :</b>	University of Nzerekore (Guinea)
<b>Training period :</b>	2008-2009
<b>Defended on :</b>	June 30, 2009
<b>Degree obtained :</b>	Master's degree 1 in General Meteorology
<b>Institution :</b>	University of Nzerekore (Guinea)
<b>Training period :</b>	2005-2008
<b>Defended on :</b>	June 30, 2008
<b>Degree obtained :</b>	Bachelor's degree in General Meteorology

## IV. PROFESSIONAL EXPERIENCES

Country	Date	Brief description
Guinea	from 14 to 23 May 2018	Teaching mission for GIS courses/ Mapping at the Higher Institute of Veterinary Medicine Sciences of Dalaba (ISSMVD).
Guinea	2013-2014	Data base manager for the joined Conakry (Guinea)/ Boston college (USA) AMBER-project on earth magnetic field measurement.
Guinea	2010	Weather forecasting and data management at Guinean Weather Service.

## V. WORKSHOPS-TRAINING

Country	Period	Description of events
Senegal	From 15 to 26 October 2019	Participation in the 4th edition of the international school in weather space at the University of Thiès.
South Africa	June-July 2019 July-august 2018 August-September 2017	Research stay at the University KwaZulu Natal of Durban, South Africa, in the Lab of Physics and Chemistry.
Ivory Coast	From 16 to 28 October 2017	Participation in the 3th edition of weather space organized by the University Felix Houphouët Boigny of Abidjan.
La Réunion (France)	From 28 November to 03 December 2016	Participation in the international school on « dynamic and composition of atmosphere organized by the Lab of Atmosphere and Cyclones (LACy), University of Réunion
Rwanda	From 30 June to 11 July 2014	Participation in the international school in space weather in Kigali.
Guinea	February-July 2013	English Language Study Center Centre CELA (Guinea)

## VI. COMPUTER SKYLS

Software	Application
Pack office; Linux	General
Matlab, Python	Programming, Signal processing
OpenProject,	Projects management
R/Rstudio, Instat+	Statistics, data, programming, mapping and meteorology
QGIS, ArGis, Google earth, Google map	GIS, Remote sensing, satellite images processing, mapping
ODV	Oceanography

## VII. RESEARCH AND PUBLICATION

1. Loua, R.T., Bencherif, H., Mbatha, N., Bègue, N., Hauchecorne, A., Bamba, Z., Sivakumar, V., 2019. Study on Temporal Variations of Surface Temperature and Rainfall at Conakry Airport, Guinea: 1960–2016. *Climate*, MDPI, 2019, 7 (7), art. 93 (26 p.). <https://doi.org/10.3390/cli7070093>
2. Loua R. T., Beavogui, M. Bencherif, H., Barry, A.B. Bamba, Z. et al. Climatology of Guinea: Study of Climate Variability in Nzerekore. *Journal of Agricultural Science and Technology (JAST)*, University of Tarbiat Modares, 2017, 7 (4). <https://doi.org/10.17265/2161-6256/2017.04.001>

## VIII. LANGUAGES (LEVELS 1 to 5) : French (5) and English (4)

### IX. REFEREES :

- Pr Hassan BENCHERIF, Professor at the University of Reunion, UR, UMR 8105, Météo-France, [hassan.bencherif@univ-reunion.fr](mailto:hassan.bencherif@univ-reunion.fr) ; Cell :(+262) 262 938255
- Pr Sivakumar VANKATARAMAN, Professor at the University of KwaZulu Natal , Durban, South Africa; [vankataramans@ukzn.ac.za](mailto:vankataramans@ukzn.ac.za) ; Cell : (+27) 31 260 7661
- Dr Daniel LAMAH, University of Kindia, Guinea; [dalamahfr@gmail.com](mailto:dalamahfr@gmail.com) ; Cell : (+224) 622 21 53 22

**Certification :** I certify in all awareness that the above information accurately reflects my situation, qualifications and experiences.

Reunion Island, March 02th 2020



**Rene Tato LOUA**