PERSONNALS DETAILS

Surname : DIOUF
First name : Dr. Ibrahima
Tel : +221 78 381 69 87
Mail : ibrahima23.diouf@ucad.edu.sn | ibrahima.diouf@univ-labe.edu.gn

Affiliations:

- University Cheikh Anta Diop, Ecole Superieure Polytechnique, Laboratory of Atmospheric and Ocean Physics - Simeon Fongang (LPAO-SF)
- University of Labe, Faculty of Sciences et Technology (FST), Guinea Conakry

Short Bio

I am a scientific researcher at Cheikh Anta Diop University in Dakar and a lecturer-researcher at the University of Labé in Guinea Conakry. Specializing in climate and health, I focus on seasonal forecasts in West Africa and the impact of climate change on vector-borne diseases, particularly malaria. I enhanced my expertise by working with NOAA (National Oceanic and Atmospheric Administration) in the United States since 2017. Back in Senegal since 2023, I am dedicated to strengthening national capacities to address climate and health challenges, in partnership with the Ministry of Health. As a consultant for projects funded by UNICEF and USAID, my work focuses on the resilience of the health system. I also serve as a trainer and thesis supervisor in several Senegalese and Guinean universities. Dr. Ibrahima Diouf is an expert in climate modeling, using tools like R, Python, Matlab, etc., and has published numerous scientific papers.

EDUCATION/TRAINING

- 2010-2016 PhD Climate and Health Impacts Organisation High Polytechnic School of Cheikh Anta Diop University of Dakar (ESP/UCAD).
- 2009-2010 master's degree Meteorology, Oceanography, and Management of Arid Areas High Polytechnic School of Cheikh Anta Diop University of Dakar (ESP/UCAD)
- 2006-2009 master's degree Physics and Chemistry Faculty of Science and Technology, Cheikh Anta Diop University of Dakar (FST/UCAD).

CAREER HISTORY

- October 2024 To Present.
  - Lecturer-researcher

Organisations: Faculty of Science and Technology (FST), University of Labe, Guinea Conaktry.

- June 2023 To: Present Position.
  - Consultant in the Project: "Enhancing the Resilience of the Health System and Vulnerable Communities in Senegal to Health Risks Induced by Climate Change" financed by UNICEF

Organisations: Ministry of Health and Social Action of Senegal (MSAS) and Save the Children International

- August 2023 To Present Position:
  - Climate Expert in the Project: "Senegal Water Resources Management", financed by USAID

Organisation: Centre de Suivi Ecologique (CSE)

- May 2023 To: Present Position:
  - Climate Expert in the Project: "Enhancing One-health Surveillance and Control of Vector-borne Diseases related to Climate Change in the West Africa region", financed by WHO

Organisation: Institut Pasteur de Dakar (IPD)

- May 2023 To July 2023 Position:
  - Consultant and Health Professional Trainer in the Project: Facilitate Training for the Global Partnership for Sustainable Development Data (GPSSD)

Organisation: African Population and Health Research Center (APHRC)

- **July 2021 To: December 2023 Position:**
  - **Postdoc in The Senegal National Adaptation Plan support Project - Global Environment Fund (NAP-GEF)**

Organisation: Ministry of the Environment and Sustainable Development of Senegal, Parc Forestier De Hann, Route Des Pres Maristes

- July 2020 To July 2021 Position:
  - UCAR Associate Scientist, NOAA CPC leader of the research on climate and malaria as part of a Climate and Health Project for Africa

Organisation: NOAA Center for Weather and Climate Prediction, 5830 University Research Court, College Park, Maryland 20740, USA

- July 2017 To: July 2020 Position:
  - UCAR Visiting Scientist / NOAA Postdoc in experimental malaria predictions in the framework of the Climate and Health Project for Africa.

LANGUAGES

French

English

Spanish

Organisation: NOAA Center for Weather and Climate Prediction, 5830 University Research Court, College Park, Maryland 20740, USA

- September 2016 To May 2017 Position:
  - Postdoctoral in investigation of the impacts of climate change on vector-borne diseases such as malaria, within the framework of the project "Reference Office on Climate Change, Adaptation and Mitigation Strategies"

Organisation: Centre de Suivi Écologique, Fann résidence, Rue Léon Gontran Damas, DAKAR BP 15 532, Sénégal

- October 2012 To: May 2017 Position:
  - Research in Investigation of Oceanic influence on seasonal malaria outbreaks over Senegal and Sahel in the Framework of collaboration between the UCM and the Cheikh Anta Diop University (Department of Geophysics and Meteorology, Physical Sciences Faculty)

Organisation: Universidad Complutense de Madrid, Ciudad Universitaria s/n. 28040 Madrid

SELECTED PUBLICATIONS

- **Diouf, I., Fall, P., Diakhaté M. and Senghor H. (2024).** Diagnostic Study of Seasonal Prediction of Malaria: A Case Study in Senegal, West. Journal of Applied Meteorology and Climatology, accepted.
- **Dieng, M. D. B., Tompkins, A. M., Arnault, J., Sié, A., Fersch, B., Laux, P., Schwarz, M., Zabré, P., Munga, S., Khagayi, S., Diouf, I., & Kunstmann, H. (2024).** Process-based atmosphere hydrology-malaria modeling: Performance for spatio-temporal malaria transmission dynamics in Sub-Saharan Africa. Water Resources Research, 60(6), e2023WR034975.
- **Goudiaby, O., Bodian, A., Dezetter, A., Diouf, I., & Ogilvie, A. (2024).** Evaluation of Gridded Rainfall Products in Three West African Basins. Hydrology, 11(6), 75. Diouf I., Sy I.,
- **Diouf D., Ndione J.-A, Gaye A.T. (2024**). An overview of Climate Change Impacts on the Health Sector for the Research Program of the National Adaptation Plan Support Project in Senegal. J. P. Soaphys, http://dx.doi.org/10.46411/jpsoaphys.2023.016 Vol 3, N°2 (2023) C23N22
- **Diouf, I., Sy, I., and Diakhate, M. (2024).** Assessing Climate Change Impacts on Public Health in Haiti: A Comprehensive Study of Disease Distribution, Modeling, and Adaptation Strategies. Frontiers in Tropical Diseases, 4, 1287499.
- **Fall, P., Diouf, I., Deme, A., Diouf, S., Sene, D., Sultan, B., & Janicot, S. (2023).** Enhancing Understanding of the Impact of Climate Change on Malaria in West Africa Using the Vector-Borne Disease Community Model of the International Center for Theoretical Physics (VECTRI) and the Bias-Corrected Phase 6 Coupled Model Intercomparison Project Data (CMIP6). Microbiology Research, 14(4), 2148-2180
- **Fall, P., Diouf, I., Deme, A., Diouf, S., Sene, D., Sultan, B., Famien, A.M. and Janicot, S., 2023**. Bias-Corrected CMIP5 Projections for Climate Change and Assessments of Impact on Malaria in Senegal under the VECTRI Model. Tropical Medicine and Infectious Disease, 8(6), p.310. https://www.mdpi.com/2414-6366/8/6/310
- **Diouf, I., Ndione J-A, and Gaye A.T**. "Malaria in Senegal: Recent and Future Changes Based on Bias-Corrected CMIP6 Simulations." Tropical Medicine and Infectious Disease 7.11 (2022): 345.
- **Fall, P., Diouf, I., Deme, A., Sene, D.** Assessment of Climate-Driven Variations in Malaria Transmission in Senega Using the VECTRI Model. Atmosphere 2022, 13, 418. https://doi.org/10.3390/atmos13030418

PROFESSIONAL MEMBERSHIPS

- Co-chair of The Applied Malaria
- Modeling Network (AMMnet Senegal)
- Member of the American Meteorological Society (AMS)
- Member of the African Meteorological Society (AfMS)
- Team member of the Standards for official statistics on climate-health interactions
- Team member of the International Expert Centre on Climate Change and Health (IECCCH)
- Team author of the Theme Paper on Impacts and Adaptation within the framework of the CMIP International Project Office (CMIP-PO)

- **Diouf, I., Suárez-Moreno, R., Rodríguez-Fonseca, B.,** Caminade, C., Wade, M., Thiaw, M.W, Deme, A., Morse, A.P., Ndione, J.-A., Gaye, A.T, Diaw, A., and Ndiaye, M.K.N., 2021. Oceanic Influence on Seasonal Malaria Incidence in West Africa. Weather, Climate, and Society, volume 14, https://doi.org/10.1175/WCAS-D-20-0160.1
- **Diouf, I., Gbenga J.A, Abiodun M.A, Christopher L.,** Joyce M.S, Pascal Y., Ndione J-A, and Emiola O.G, 2021. Impact of future climate change on malaria in West Africa, Theoretical and Applied Climatology, 2021, p. 1-13 https://doi.org/10.1007/s00704-021-03807-6 Kante, I., Diouf, I., Millimono, T. and Kourouma, J., 2021. Coronavirus Disease 2019
(COVID-19) in Conakry, Republic of Guinea: Analysis and Relationship with Meteorological Factors. Atmospheric and Climate https://doi.org/10.4236/acs.2021.112018 Sciences, 11,
- **Faye M., Dème A., Diongue AK., Diouf I., 2021.** Impact of different heat wave definitions on daily mortality in Bandafassi, Senegal. PLoS ONE 16(4):e0249199. https://doi.org/10.1371/journal.pone.0249199 302-323.
- **Diouf, I., Sy, S., Senghor, H., Fall, P.,Diouf, D.,** Diakhate, M., Thiaw, M.W., Gaye, A.T., 2021. Potential contribution of climate conditions on COVID-19 pandemic transmission over West and North African countries. Atmosphere, https://doi.org/10.3390/atmos13010034 2022, vol. 13, no 1, p.
- **Diouf, I., Rodríguez-Fonseca, B.R.,** Caminade, C., Thiaw, W.M., Deme, A., Morse, A.P., Ndione, J.A., Gaye, A.T., Diaw, A. and Ndiaye, M.K.N., 2020. Climate Variability and Malaria over West Africa. The American Journal of Tropical Medicine and Hygiene, 102(5), pp.1037- 1047. https://doi.org/10.4269/ajtmh.19-0062 Kante, I.K., Sall, S.M., Badiane, D., Diouf, I., Dieng, A.L., Diaby, I. and Guichard, F., 2020. Analysis of Rainfall Dynamics in Conakry, Republic of Guinea. Atmospheric and Climate Sciences, 10(01), p.1. https://doi.org/10.4236/acs.2020.101001
- **Diouf, I., Fonseca, B.F., Deme, A**., Caminade, C., Morse, A.P., Cisse, M., Sy, I., Dia, I., Ermert, V., Ndione, J.A. and Gaye, A.T., 2017. Comparison of malaria simulations driven by meteorological observations and reanalysis products in Senegal. International journal of environmental research and public health, 14(10), p.1119. https://doi.org/10.3390/ijerph14101119
- **Diouf, I., Deme, A., Ndione, J.A., Gaye, A.T., Rodríguez-Fonseca, B. and Cissé, M., 2013.** Climate and health: observation and modeling of malaria in the Ferlo (Senegal). Comptes rendus biologies, 336(5-6), pp.253-260. https://doi.org/10.1016/j.crvi.2013.04.001

NATIONAL AND INTERNATIONAL PROJECTS

- **"Enhancing the Resilience of the Health System and Vulnerable Communities in Senegal to Health Risks Induced by Climate Change"** Funding Agency: UNICEF

Role: Consultant Period: June 2023 – Present

- **"Senegal Water Resources Management"** Funding Agency: USAID Role: Climate Expert Period: August 2023 - January 2024
- **"Enhancing One-health Surveillance and Control of Vector-borne Diseases related to Climate Change in the West Africa region"** Funding Agency: WHO

Role: Climate Expert Period: May 2023 – Present

- **"Facilitate Training for the Global Partnership for Sustainable Development Data (GPSSD)"** Funding Agency: African Population and Health Research Center (APHRC)

Role: Consultant and Health Professional Trainer Period: May 2023 - July 2023

- **"The Senegal National Adaptation Plan Support Project"** Funding Agency: Global Environment Fund (NAP-GEF)

Role: Postdoc Period: July 2021 - December 2023

TECHNICAL SKILLS/COMPUTER SKILLS

- Proficient in MS-DOS, MS-Office (Word, Excel, PowerPoint), Matlab, R, Python, GIS (Geographic Information Systems), Linux operating system, and FORTRAN language.
- Experienced in data analysis of observational and model output data.
- Hands-on experience with impact models such as:
- Liverpool Malaria Model (LMM)
- VECTRI (VECtor-borne disease community model of the International Centre for Theoretical Physics, Trieste)
- Sea Surface Temperature based Statistical Seasonal Forecast model (S4CAST)
- Climate Predictability Tool (CPT)
- Climate Monitoring Tool (CMT)

❖ **"Experimental Malaria Predictions"** Funding Agency: NOAA
Role: Postdoc/UCAR Associate Scientist Period: July 2017 - July 2021

❖ **"Investigation of Climate Change Impacts on Vector-borne Diseases"** Funding Agency: Centre de Suivi Écologique
Role: Postdoctoral Researcher Period: September 2016 - May 2017

❖ **"Investigation of Oceanic Influence on Seasonal Malaria Outbreaks"** Funding Agency: Universidad Complutense de Madrid
Role: Researcher Period: October 2012 - May 2017

❖ **Additional Projects:**

❖ **"Quantifying Weather and Climate Impacts in Developing Countries (QWeCI)"** Funding Agency: European Commission Seventh Framework Research Programme under the grant agreement 243964
Role: Researcher Period: January 1, 2010 - July 31, 2013 Institution Coordinatrice: University of Liverpool (UNILIV) Coordonnateur du Projet: Professor Andy Morse

❖ **"Erasmus Mundus Project, Action 2 Strand 1 Lot-15 (ACP) Program"** Funding Agency: European Commission
Role: Researcher Period: October 1, 2012 - July 31, 2015 Institution Coordinatrice: Universidade do Porto, Portugal (UP) Coordonnateur du Projet: Maria de Fátima Marinho

❖ **"Actualización de Recursos del Laboratorio de Física de la Atmósfera y el Océano Simeon Fongang en UCAD (Senegal), Nº Ref. VR 63/12"** Funding Agency: Universidad Complutense de Madrid through the III and IX Cooperation´s Calls-UCM
Role: Researcher Period: May 10, 2013 - October 1, 2014 Institution Coordinatrice: Universidad Complutense de Madrid (UCM) Coordonnateur du Projet: Dr. Elsa Mohino Harris

❖ **"Seminario España-Brasil en Variabilidad Climática del Atlántico Tropical y Teleconexiones (subvención para proyectos conjuntos modalidad B, ref PHB2011 0113-TA)"** Funding Agency: Spanish Ministry of Education
Role: Researcher Period: October 15, 2012 - October 19, 2012 Institution Coordinatrice: Universidad Complutense de Madrid (UCM) Coordonnateur du Projet: Belén Rodríguez de Fonseca

❖ **"PREFACE: Enhancing Prediction of Tropical Atlantic Climate and Its Impacts"** Funding Agency: European Union (FP7)
Role: Researcher Period: November 1, 2013 - October 31, 2017 Institution Coordinatrice: University of Bergen, Norway Geophysical Institute and Bjerknes Centre for Climate Research Coordonnateur du Projet: Noel Keenlyside

❖ **"Laboratoire Mixte International Étude du Climat en Afrique de l'Ouest et de ses Interactions avec l'Environnement Régional (LMI ECLAIR)"** Funding Agency: Institut de Recherche pour le Développement (IRD)
Role: Researcher Period: January 1, 2012 - Present Institution Coordinatrices: LPAOSF-ESP (Univ. Cheikh Anta Diop) and LOCEAN-IPSL (Univ. Paris VI) Coordonnateurs du Projet: Amadou Thierno Gaye (LPAOSF-UCAD) and Alban Lazar (LOCEAN-IPSL)

❖ **"Projet d'Intégration de l'Adaptation au Changement Climatique dans le Développement Durable au Sénégal (INTAC)"** Funding Agency: Japanese Government through the African Adaptation Program (AAP)
Role: Researcher Period: January 1, 2010 - July 31, 2012 Institution Coordinatrice: Direction de l'Environnement et des Établissements Classés (DEEC) du Sénégal Coordonnateur du Projet: Babacar Diouf

❖ **"Coordinated Regional Climate Downscaling Experiment-Africa Analysis Campaign Phase 2"** Funding Agency: Swedish Secretariat for Environmental Earth Systems Science (SSEESS), WCRP and SMHI
Role: Researcher Period: January 1, 2015 - December 31, 2017 Institution Coordinatrice: CSAG at University of Cape Town and SMHI Coordonnateurs du Projet: Chris Lennard (CSAG, UCT) and Grigory Nikulin (SMHI)

INVITED LECTURES/CONFERENCE

CONFERENCES

- **Ibrahima Diouf,** Cheikh Talla, Rosemary Audu. Abstract N°: 701, P: Impact of Climate Change on One Health Surveillance of Vector-Borne Diseases in West Africa (Senegal and Nigeria), 8th World One Health Congress - Cape Town, South Africa, 20-23 September 2024.
- **Ibrahima Diouf**. Panel Reporter at the African Research Network Conference Presentations on Non-Communicable Diseases Epidemic, Dakar, Senegal, 25-26 September 2023.
- **Ibrahima Diouf**. Conference on Climate Change – Collaboration Establishment, Keynote speaker on modeling and the impact of climate on health in West Africa, with a focus on Senegal, 20-27 July 2023, Labe, Guinea.
- **Ibrahima Diouf**, Jaques-André Ndione, and Amadou T. Gaye. Climate change and health: Malaria Modelling Activities in Senegal. Oral presentation in the Joint ICTP IAEA Workshop on Accounting for Climate in Vector-borne Disease Intervention Planning Including the Sterile Insect Technique (SIT), 22-26 May 2023, Trieste, Italy.
- Ibrahima Diouf, Jaques-André Ndione, and Amadou T. Gaye. An overview of Climate Change Impacts on the Health Sector for the Research Program of the National Adaptation Plan Support Project in Senegal. Oral presentation at the 1st International Colloquium on BIOSciences and Development in Africa (CIBiosDA-1), 02-04 November 2022, Université Félix Houphouët-Boigny, Abidjan, Côte d'Ivoire.
- **Ibrahima Diouf**, Habib Senghor, Papa Fall, Diarra Diouf, Moussa Diakhaté, Jaques Andre Ndione, Wassila M. Thiaw, and Amadou T. Gaye. Relationship between Climate Conditions and COVID-19 Transmission in Africa. Poster presentation in the Climatological, Meteorological, and Environmental Factors in the COVID-19 Pandemic Symposium, 4-6 August 2020, online platform.
- **Ibrahima Diouf** and Wassila M. Thiaw. Diagnostic Study of Seasonal Prediction of Malaria: Case of Senegal, West Africa. Oral presentation at the 100th AMS Annual Meeting, 12-16 January 2020, Boston, Massachusetts, USA.
- Ibrahima Diouf and Wassila M. Thiaw. Seasonal and Subseasonal Forecast Applications on Climate and Malaria in West Africa. Oral presentation at the 99th AMS Annual Meeting, 6-10 January 2019, Phoenix, Arizona, USA.
- **Ibrahima Diouf** and Wassila M. Thiaw. Oral presentation at the training workshop and 2nd Symposium on the Variability and Predictability of the Global Climate System, Ankara, Turkey, April 2019.
- **Ibrahima Diouf** and Wassila M. Thiaw. The predictability of malaria: Case of Senegal, West Africa. Poster presentation at the Conference on Subseasonal to Decadal Prediction, 17-21 September 2018, Boulder, Colorado, USA.
- **Ibrahima Diouf** and Wassila M. Thiaw. AGU 2018 Fall Meeting, 10-14 December 2018, Washington, DC, USA.
- **Ibrahima Diouf** and Wassila M. Thiaw. The predictability of malaria: Case of Senegal, West Africa. Poster presentation at the Conferences on Subseasonal to Decadal Prediction, 17-21 September 2018, Boulder, Colorado, USA.
- **Ibrahima Diouf**, Wassila M. Thiaw, Bélen Rodríguez-Fonseca, Abdoulaye Deme, Jaques A. Ndione, and Amadou T. Gaye. Climate Variability and Malaria over the Sahel Country of Senegal. Oral presentation at the 98th Annual Meeting, Austin, Texas, 7-11 January 2018.
- **Ibrahima Diouf**, Bélen Rodríguez-Fonseca, Abdoulaye Deme, Moustapha Cisse, Jaques Andre Ndione, Amadou Gaye, and Roberto Suárez-Moreno. Predictability of malaria parameters in Sahel under the S4CAST Model. Oral presentation at the CLIVAR PIRATA-PREFACE Tropical Atlantic Variability Conference, Paris, France, 28 November -

- **Ibrahima Diouf**, Bélen Rodríguez-Fonseca, Abdoulaye Deme, Moustapha Cisse, Jaques Andre Ndione, and Amadou Thierno Gaye. Climat-Santé: observations et modélisation de l'incidence saisonnière du paludisme et prédictibilité de risques d'occurrence au Sénégal et au Sahel. Oral presentation at the "Climate and Health" workshop co-organized by ANACIM and NOAA, Dakar, Senegal, 19-21 July 2016.
- **Ibrahima Diouf**, Abdoulaye Deme, Bélen Rodríguez-Fonseca, Jaques André Ndione, and Amadou Thierno Gaye. Climat-Santé: observations et modélisation de l'incidence saisonnière du paludisme et prédictibilité de risques d'occurrence au Sénégal et au Sahel. Oral presentation and Coordinator at the 1st edition of the Young Researchers' Day of ESP, UCAD, Dakar, Senegal, 11 June 2016.
- **Ibrahima Diouf**, Abdoulaye Deme, Bélen Rodríguez-Fonseca, Jaques André Ndione, and Amadou Thierno Gaye. Climate and Health: Observations and Modeling the Impact of Climate Parameters on Seasonal Malaria Outbreaks in Senegal and Sahel. Poster presentation at the 2nd International Conference on One Medicine One Science, Minnesota, USA, 24-27 April 2016.
- **Ibrahima Diouf**, Bélen Rodríguez-Fonseca, Abdoulaye Deme, Moustapha Cisse, Jaques Andre Ndione, and Amadou Gaye. Predictability of malaria parameters in Sahel under the S4CAST Model. Poster presentation at the European Geosciences Union General Assembly, Vienna, Austria, 17-22 April 2016.
- **Ibrahima Diouf**, Abdoulaye Deme, Bélen Rodríguez-Fonseca, Jaques André Ndione, and Amadou Thierno Gaye. Observation et modélisation climat-santé: tendances climatiques et risques associés aux impacts sur la transmission du paludisme au Sénégal et au Sahel. Poster presentation and Coordinator at the "Fête de la science et de l'innovation", Place du Souvenir, Dakar, Senegal, 19-21 November 2015.
- **Ibrahima Diouf**, Abdoulaye Deme, Bélen Rodríguez-Fonseca, Jaques André Ndione, and Amadou Thierno Gaye. Comparison of malaria simulations driven by meteorological observations and reanalysis products in Senegal and Sahel. Oral presentation at the "Deuxièmes Journées Scientifiques du CAMES (JSDC-2)", UCAD, Dakar, Senegal, 23-25 November 2015.
- **Ibrahima Diouf**, Abdoulaye Deme, Bélen Rodríguez-Fonseca, Roberto Suárez, Jaques André Ndione, and Amadou Thierno Gaye. Détermination des paramètres du paludisme au Sénégal à partir de données météorologiques de stations et de réanalyses. Poster presentation at the XXVIIIème Colloque annuel on modélisations & variabilités, Liège, Belgium, 1-4 July 2015.
- **Ibrahima Diouf**, Abdoulaye Deme, Bélen Rodríguez-Fonseca, Roberto Suárez, Jaques André Ndione, and Amadou Thierno Gaye. Poster presentation at the International Scientific Conference "Our common future under climate change", Paris, France, 7-10 July 2015.
- **Ibrahima Diouf**, Abdoulaye Deme, Bélen Rodríguez-Fonseca, Roberto Suárez, Jaques André Ndione, and Amadou Thierno Gaye. Oceanic influence on seasonal malaria outbreaks over Senegal and Sahel. Poster presentation at the European Geosciences Union (EGU) General Assembly, Vienna, Austria, 12 April - 17 May 2015.
- **Ibrahima Diouf**, Abdoulaye Deme, Bélen Rodríguez-Fonseca, Roberto Suárez, Jaques André Ndione, and Amadou Thierno Gaye. Climat-santé: observation et modélisation de l'incidence saisonnière du paludisme pour sa prévision au Sénégal et au Sahel. Poster presentation at the "Journée portes ouvertes LMI- ECLAISRS", LPAOSF-UCAD, Dakar, Senegal, 13 December 2014.

- **Ibrahima Diouf**, Abdoulaye Deme, Bélen Rodríguez-Fonseca, Roberto Suárez, Jaques André Ndione, and Amadou Thierno Gaye. Climat et santé: observation et modélisation du paludisme au Sahel. Poster presentation at the AIC2014 colloquium (Colloque de l'Association Internationale de Climatologie), Dijon, France, 2-5 July 2014.
- **Ibrahima Diouf**, Abdoulaye Deme, Bélen Rodríguez-Fonseca, Roberto Suárez, Jaques André Ndione, and Amadou Thierno Gaye. Climate and health: observation and modelling malaria in Ferlo (Senegal), and Sahel. Poster presentation at the "Cinquantenaire des Sciences de l'Environnement", 9-11 December 2014, Dakar, Senegal.
- **Ibrahima Diouf**, Abdoulaye Deme, Bélen Rodríguez-Fonseca, Roberto Suárez, Jaques André Ndione, and Amadou Thierno Gaye. Modelling the Impact of Climate Parameters on Malaria in Senegal. Oral presentation at the "Environmental Sciences and Applications" symposium, UCAD, Dakar, Senegal, 15-17 October 2013.
- **Ibrahima Diouf**, Abdoulaye Deme, Bélen Rodríguez-Fonseca, Roberto Suárez, Jaques André Ndione, and Amadou Thierno Gaye. Evaluation of the influence of climate parameters on malaria in Senegal. Poster presentation at the "International Conference on Climate and Health", Toulouse, France, 14-16 June 2013.
- **Ibrahima Diouf**, Abdoulaye Deme, Bélen Rodríguez-Fonseca, Roberto Suárez, Jaques André Ndione, and Amadou Thierno Gaye. Sensitivity of malaria parameters to climatic variability in Senegal. Oral presentation at the "Annual Symposium on Tropical Climate and Health", 12-14 March 2013, Washington DC, USA.
- **Ibrahima Diouf**, Abdoulaye Deme, Bélen Rodríguez-Fonseca, Roberto Suárez, Jaques André Ndione, and Amadou Thierno Gaye. Analysis of seasonal malaria parameters in Senegal using climate models. Poster presentation at the "Climate Change and Health" symposium, Paris, France, 19-21 September 2012.

REFERENCED CONTACTS:

Minister of Health Ibrahima Sy
Ministry of Health and Social Action, Fann résidence
Rue Aimé Césaire, BP 4024 Dakar, Senegal
Email: ibrahima.sy@cse.sn

Prof. Amadou Thierno Gaye
Cheikh Anta Diop University
High Polytechnic School
Laboratory of Physics of Atmosphere and Ocean - Simeon Fongang (LPAO-SF)
BP: 5085 Dakar-Fann
Email: atgaye@ucad.edu.sn

Dr. Wassila Thiaw
NOAA Center for Weather and Climate Prediction
Climate Prediction Center
5830 University Research Court
College Park, Maryland 20740, USA
Email: wassila.thiaw@noaa.gov