

## **Prof. Serigne Modou SARR**

Assimilated Professor of Senegalese Universities

Director of the Higher Institute of Agricultural and Rural Training (ISFAR) ex ENCR;

Alioune DIOP University of Bambey (UADB), BP 54 Bambey/Senegal;

Email: [REDACTED]

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Agroecology, fisheries sciences, forestry

### **PROFESSIONAL EXPERIENCES**

- Since 2021: Director of the Higher Institute of Agricultural and Rural Training
- Since 2021: Internal expert of the African and Malagasy Council for Higher Education (CAMES) of the Technical and Scientific Committee (CTS) for Natural Sciences and Agronomy (SNA) appointed by Senegal;
- October 2020: Registration on the List of Aptitude for the Functions of Lecturer (LAFMC) / CAMES equivalent to the rank of Assimilated Professor of Senegalese Universities
- 2016 to 2021: Head of Forest Production Department
- Since 2016: Coordinator of the Masters in Protected Areas and Wildlife Management at the Higher Institute for Agricultural and Rural Training/University of Alioune Diop in Bambey, Senegal
- May 2005 to November 2013: Department of National Parks/Ministry of Environment and Sustainable Development-Senegal;
- Lecturer in universities: University of Sine Saloum Elhadji Ibrahima NIASS (USSEIN), Kaolack, Assane Seck University of Ziguinchor and University of Thiès, Senegal

### **□ STUDIES AND TRAINING**

- 2010/2014: Unique Doctorate in Rural Development; Option: Forest Production Systems, Specialty: Fisheries Production; Institute of Rural Development/Nazi Boni University, Bobo-Dioulasso/Burkina Faso  
Theme “Age and growth, exploitation parameters and diet of the yellow mullet, *Mugil cephalus* (Linnaeus, 1758, Mugilidae) in the Senegal River estuary”,  
Mention: very honorable with congratulations from the jury
- 2009/2010: Research Master M2 in analysis of populations of wildlife and halieutic areas, specializing in Population Analysis of Halieutic Areas, Institute of Rural Development/ Nazi Boni University, Bobo-Dioulasso, Burkina Faso
- 2008/2009: Professional Master M2 in Management of Protected Areas, International Institute of Water and Environmental Engineering (2iE) in Burkina Faso
- 1999/2003: Diploma in Agricultural Works Engineering, Higher Institute of Agricultural and Rural Training (ISFAR) ex National School of Rural Executives /Senegal
- 1999: Baccalaureate S2-Experimental Sciences, Lycée El Hadj Malick SY, Thiès-Senegal
- Training in environmental and social assessment. Professional Development Fellowship Program of the Pan-African Network Capacity Development and Linkages for Environmental Assessment in Africa (CLEAA), Cameroon, 02 October 2017 to 27 April 2018.
- 2011: Training Certificate “Economics and Policy of Natural Resource Management” in Libreville, Gabon organized by Senghor University.

### **□ POST-DOCTORAL TRAINING AND CAPACITY BUILDING**

- “Responsible Management” Training Certificate, MOOC, Laval University, 7 weeks from September 12 to November 13, 2022.

- Skills certificate: Expertise in the evaluation of Inter-African Consultative Committees (ICC), CAMES, 2021.
- Results-Based Management Certificate -GAR, UNICEF, 2021
  - Certificate of training in maritime professions, University of Western Brittany, 2021
- Open and massive online training certificate (OLMC) "Economics and management of the environment and natural resources, 2019 session" issued by the Institut de la francophonie pour le Développement Durable and University of Senghor, October 2019
- Training Certificate "Sustainable forest management and forest leadership for policy makers in Africa" by Africa Forest Forum from May 20 to 24, 2019 in Nairobi / Kenya
- Open and massive online training certificate (OLMC) "Understanding and analyzing the challenges and actions of sustainable development, 2019 Session" issued by the Institut de la francophonie pour le Développement Durable and University of Senghor, December 2019.
- Open and massive online training certificate (OLMC) "Environmental assessment of development policies and programs, 2019 Session" issued by the Institut de la francophonie pour le Développement Durable and University of Senghor, November 2019.
- Capacity building in university pedagogy focused on the evaluation of learning, University of Thiès, from 04 to 06 February 2016

### **Research Articles**

1. Sarr et al., Impacts des collisions avec les véhicules le long du corridor routier Dakar-Bamako sur les populations fauniques du Parc National du Niokolo Koba, au Sénégal. *J. Appl. Biosci. Vol : 169*, 2022. [https://www.m.elewa.org/Journals/wp-content/uploads/2022/01/4.Sarr\\_.pdf](https://www.m.elewa.org/Journals/wp-content/uploads/2022/01/4.Sarr_.pdf)
2. Ly Mouhamadou Amadou, Sarr Serigne Modou, Ndiaye Nanthiely. Soybean Meal Incorporation in Diet Improves the Growth and Survival Performances of Juveniles of Nile Tilapia (*Oreochromis niloticus*) in Rural Area of Senegal. *American Journal of Agriculture and Forestry. Vol. 9, No. 3, 2021, pp. 122-126.*  
DOI: [10.11648/j.ajaf.20210903.14](https://doi.org/10.11648/j.ajaf.20210903.14)
3. Aïssatou Diedhiou, Antoine Sambou, Serigne Modou Sarr, 2021. Perception des populations sur les services écosystémiques des aires protégées : Cas de l'Aire Marine Protégée d'Abéné, Sénégal. *Rev Écosystèmes et Paysages (Togo), 2021, No 01, vol 01 ; 73-84pp* . [https://bev-univlome.com/wp-content/uploads/2022/01/06-Aissatou-et-al.-dec\\_2021.pdf](https://bev-univlome.com/wp-content/uploads/2022/01/06-Aissatou-et-al.-dec_2021.pdf)
4. **Sarr, S. M.**, Ndiaye, M., Thiam, A., & Mane, F. (2021). Étude comparative des peuplements ichtyologiques de l'Aire Marine Protégée de Joal-Fadiouth et des pêcheries des zones du pourtour non protégées à l'exploitation halieutique. *European Scientific Journal, ESJ, 17(17), 133.* <https://doi.org/10.19044/esj.2021.v17n17p133>
5. Ndiaye M., Ndiaye S., Sarr S.M., & Diouf M.,(2021). *Estimation Of The Value Of Goods And Services Produced By Protected Areas: Case Of The Ndock Sare Community Forest In Senegal* *European Scientific Journal, ESJ, 17(43), 282.* <https://doi.org/10.19044/esj.2021.v17n43p282>
6. Alassane Thiam, Pape Sanou Faye, **Serigne Modou Sarr**, Dieyni SY Diallo. Flood Management in Saint-louis City of Senegal by Stabilizing the Breach. *American Journal of Environmental Protection, 2020, Vol. 8, No. 3, 70-77.* Available online at <http://pubs.sciepub.com/env/8/3/1> Published by Science and Education Publishing  
DOI:10.12691/env-8-3-
7. Alassane Thiam, Amadou Babacar Sarr, **Serigne Modou Sarr**. Characterizations of Drinking Water Quality for Populations of Hann Bel-Air (Dakar, Senegal). *Journal of Water Resource and Protection, 2020, 12, 898-909* <https://www.scirp.org/journal/jwarp>  
Online: 1945-3108 ISSN, ISSN Print: 1945-3094

8. Mamadou NDIAYE, **Serigne Modou SARR**, Malick DIOUF et Abdoulaye Touré. Croissance et exploitation de *Liza dumerili* (Steindachner, 1870), par l'utilisation des fréquences longueurs dans l'Aire Marine Protégée de Joal-Fadiouth au Sénégal. International Journal of Innovation and Applied Studies ISSN 2028-9324 Vol. 28 No. 3 Feb. 2020, pp. 652-665. <http://www.ijias.issr-journals.org/abstract.php?article=IJIAS-19-319-16>
9. DIADHIOU HD, NDOUR I, **SARR SM** and DJIMERA A, (2019). Oocyte atresia in the Mangrove oyster, *Crassostrea gasar* (Dautzenberg 1891), (Bivalvia, Ostreidae) in tropical environment. Int. J. Biol. Chem. Sci. 13(2): 1082-1093, April 2019. DOI: <https://dx.doi.org/10.4314/ijbcs.v13i2.40>
10. **Sarr SM**, Fall J, Thiam A, Barry RO. Growth and survival of red Tilapia (*Oreochromis aureus x Oreochromis mossambicus*) fry fed on corn and soy meal, peanut meal and fishmeal enriched with spirulina (*Arthrospira platensis*). International Journal of Agricultural Policy and Research Vol.7 (1), pp. 1-9, January 2019. <https://doi.org/10.15739/IJAPR.19.001>
11. **Serigne Modou Sarr**, Mouhameth Camara, Souleymane Sanogo. Stocks of *Mugil bananensis* (Pellegrin, 1927) in the Estuary of Senegal River by Determining Yields Per Recruit and Biomass Per Recruit. American Journal of Life Sciences. Vol. 6, No. 6, 2018, pp. 74-79. doi:10.11648/j.ajls.20180606.11 (<http://www.sciencepublishinggroup.com/journal/paperinfo?journalid=118&doi=10.11648/j.ajls.20180606.11> )
12. **Sarr S.M**, Thiaw M, Mbengue B.A. (2018). Utilisation de paramètres bioécologiques pour analyser la biodiversité ichthyologique de l'Aire Marine Protégée de Joal-Fadiouth au Sénégal et sa périphérie non protégée à la pêche. European Scientific Journal November 2018 edition Vol.14, No.33 : 349-368, ISSN: 1857 – 7881 (Print) e - ISSN 1857- 7431 Doi: 10.19044/esj.2018.v14n33p349 URL:<http://dx.doi.org/10.19044/esj.2018.v14n33p349>
13. **Sarr SM**, Ndiaye M, Faye E, Keita (2018). Richesse spécifique et abondance de la population ichthyologique de l'Aire Marine Protégée de l'Aire Marine Protégée de Joal-Fadiouth au Sénégal. International Journal of Innovation and Applied Studies ISSN 2028-9324 Vol. 24 No. 4 Nov. 2018, pp. 1664-1678. <http://www.ijias.issr-journals.org/>
14. Thiam A , Wélé A , **Sarr S.M** and Mbodji C.M.M. Etude décennale (2005-2015) par imagerie satellitale de l'évolution spatiotemporelle des feux de brousse dans l'arrondissement de Koussanar (Région de Tambacounda), . International Journal of Innovation and Applied Studies, ISSN 2028-9324 Vol. 24 No. 4 Nov. 2018, pp. 1645-1657. <http://www.ijias.issr-journals.org/>
15. Faye E., **Sarr S.M**, Touré M.A, Gueye S. et Gueye M. Effets de la densité de stockage sur la croissance des alevins de Tilapia (*Oreochromis niloticus* L.) en cages fixes dans le Lac de Guiers, Sénégal. Afrique SCIENCE 14(3) (2018) 378 – 390.
16. **Sarr SM**, Faye EH, Diatta EA (2018). Comportement alimentaire de la gazelle dama mhor (*Nanger dama mhor*, Pallas, 1766) en semi-liberté dans la Réserve de Faune du Ferlo Nord de Ranérou, Sénégal. Tropicultura, 36, 1, 80-86. <http://www.tropicultura.org/content/v36n1.html>
17. Camara, M., Faye, E., **Sarr, S.M.**, Coly, E.V. and Gueye, M. (2017) Comparative Effects of Natural and Synthetic Fungicides on the Pink Root Disease of Onion (*Allium cepa* L.), in Nursery. Agricultural Sciences, 8, 743-750. <https://doi.org/10.4236/as.2017.88055>
18. **Sarr SM**, Camara M, Thiam A, Seck M et Sarr M (2016) : Restauration des systèmes dégradés de l'Aire Marine Protégée de Saint-Louis par l'immersion de récifs artificiels et le reboisement de la mangrove : impacts sur la biodiversité marine et côtière (Saint-Louis, Sénégal). Journal of Applied Biosciences 107 :10381-10394 <http://dx.doi.org/10.4314/jab.v107i1.4>

19. Camara M, **Sarr SM**, Sarr I et Noba K (2016). Caractérisations morphologique et génétique d'espèces d'aleurodes prélevées dans les cultures de tomates atteintes de la virose du TYLC, dans la zone des Niayes au Sénégal. Int. J. Biol. Chem. Sci. 10(4): 1562-1572, August 2016. <http://dx.doi.org/10.4314/ijbcs.v10i4.9>
20. **Sarr SM**, Sène M, Thiam A, Faye EH et Ndiaye M (2015). Production d'alevins de Tilapia (*Oreochromis niloticus*) avec 3 aliments à base de sous-produits agro-industriels au Nord du Sénégal. International Journal of Biological and Chemical Sciences. 9(5) 2598-2606. [ISSN 1991-8631]. DOI : <http://dx.doi.org/10.4314/ijbcs.v9i5.29>
21. **Sarr SM**, Lèye B., Kabré J-AT (2015). Population growth model for *Mugil cephalus* (yellow mule) structured in length class frequency at the estuary of the Senegal River. International Journal of Agricultural Policy and Research. 3 (2) : 67-76. <http://journalissues.org/ijapr-february-edition-2015/> [ISSN 2350-1561]
22. **Sarr SM**, Camara M, Kabré J-AT (2014). Seasonal feeding variation of the yellow mule (*Mugil cephalus*, Linnaeus 1758, Mugilidae) in Senegal River estuary fishery. Int. J. Agric. Pol. Res. 2(4):125-131. <http://journalissues.org/ijapr-april-2014/> [ISSN 2350-1561]

### **Tutorial**

06 supervised doctorates

34 supervised dissertations of engineers of water and forestry works

05 master's theses (3 professional and 02 research) supervised

16 dissertation juries presided over

### **Reviewer:**

Reviewer for the Journal of Applied Biosciences (ISSN 1997-5902)

Reviewer for the journal Tropicultura ISSN-0771-3312

Reviewer for the International Journal of Biological and Chemical Sciences (IJBCS) ISSN 1991-8631

Reviewer for the journal Vertigo <http://vertigo.revues.org/>

Member of the editorial board of the European Scientific Journal

<http://www.eujournal.org/index.php/esj/pages/view/editorial>

### **Association member**

-World Commission on Protected Areas / International Union for Conservation of Nature;

-World Commission on Ecosystems / International Union for Conservation of Nature;

- Alumni Association of International Institute of Water and Environmental Engineering;

- Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services-IPBES

### **PROFESSIONAL REFERENCES**

-Prof. Mahy DIAW, Rector of Alioune Diop University, Senegal, tel. [REDACTED]

-Col. Bocar THIAM, Director of National Parks of Senegal, tel: [REDACTED]

-Prof. André T. KABRE, Director of the Laboratory of Research and Training in Fisheries and Wildlife /University Nazi Boni, Burkina Faso, tel: [REDACTED]

[REDACTED] (thesis director) web: [www.bf.refer.org/peche](http://www.bf.refer.org/peche)

I, the undersigned, certify to the best of my knowledge that the above information accurately reflects my situation, qualifications and experience.

Done in Bambey, August 10, 2022