**NAME:** Professor **MEDINA OMO KADIRI,** Nee Ahmedu (B.Sc. Ph.D. CBiol MIBiol),
**E-MAIL:** mokadiri@hotmail.com
**ADDRESS** Department of Environmental Management & Toxicology
University of Benin, Benin City, NIGERIA

**Research Interest:**

Harmful Algal Bloom studies, Algal Cultivation (Biomass) studies, Pollution studies (water); General Environmental Assessment and Management (Limnology & Primary productivity studies), Algal Taxonomy; Algal Biofuel; Phytoplankton dynamics, Fish pond studies; Bioassay studies; Effluent studies and Ecotoxicity; Crude oil/Petroleum hydrocarbon bioassessment; Bioremediation.

**Highlights of Professional skills**

- As a commissioner duties included management of natural resources such as conservation, pollution control etc.
- Conducted several Environmental Impact Assessment Survey
- As an Environmental Consultant
  As a lecturer,
- Active Research and Teaching

E. **PUBLICATIONS:**

(A) Articles that have already appeared in Learned Journals

1. **Okusanya, O.T. & Ahmedu, M.O. (1983)**
Competition between *Celosia cristata* and *Corchorus olitorus* under different environmental conditions. *Tropical Ecology,* 24(1): 113 - 121.

2. **Kadiri, M.O. (1988):** A taxonomic study of the Genus *Closterium* (Nitzsch. 1817) Ralfs 1848 (Desmidiaceae, with ecological notes. *Tropical Freshwater Biology,* 1:71-90.

3. **Kadiri, M.O. & Opute, F.I. (1989).** *A rich flora of *Micrasterias* from the Ikpoba Reservoir, Nigeria. *Archiv fur Hydrobiologie,* 116 (3): 391 - 399.

* Article widely requested from: Spain, Portugal, Korea, Florida, Virginia, Michigan, Bulgaria, India, Paris, Greece & Germany etc.

4. **Kadiri, M.O. (1999a):** A comprehensive preliminary check-list of the algae of the Ikpoba Reservoir, Edo State, Nigeria. *Global Journal of Pure and Applied Sciences* 5 (4): 485-491.

5. **Kadiri, M.O. (1992b):** Freshwater algae of West Africa: A Bibliography, 1956 - 1991. *Polskie Archiwum Hydrobiologie,* 39(2): 191-203.

6. **Kadiri, M.O. (1993a):** Records of members of the Genus *Cosmarium* Corda ex Ralfs (Desmidiaceae, Chlorophyta) in a shallow West African Reservoir, *Nova Hedwigia,* 57(1-2): 109 - 122.

7. **Kadiri, M.O. (1993b):** Further desmids from the Ikpoba Reservoir: Comparison from elsewhere in Africa. *Algological Studies,* 71:23 - 35.

8. **Kadiri, M.O. (1993c):** Seasonal changes in the phytoplankton biomass of a shallow tropical reservoir. *Nigerian Journal of Botany,* 6: 167 - 175.

9. **Kadiri, M.O. & Reynolds, C.S. (1993):** Long term monitoring of the conditions of lakes: the example of the English Lake District. *Archiv fur Hydrobiologie,* 129: 157 - 178.
*Article widely requested from USA (21), Canada (7), France (4), Australia (1), U.K.(4), Belgium(1), Sweden(6), Zimbabwe(1), Israel (1), Syria(1), Spain(1), Germany(1), Czecholovakia(1), Switzerland(2), Argentina(2), Russia(2).

10. **Kadiri, M.O. (1996):** More desmids from the Ikpoba Reservoir, Nigeria: Comparison with other African records. *Algological Studies,* 80: 87 - 98.

11. **Kadiri, M.O. (1997):** Environmental sanitation and national development. In Nzemeke, A.S. & Erhagbe, E.O. eds. Nigeria Peoples and Culture pp 236 - 261.

12. **Kadiri, M.O. & Azomani I.L. (1999a):** Growth Response of *Selenastrum capricorntum* and *Cosmarium cucumis* in different concentration of brewery effluent. *Tropical Journal of Environmental Research,* 1:1-8.

13. **Kadiri, M.O. & Azomani I.L. (1997a):** Synchronisation of direct cell count with colorimetric estimation of cell number in two species of algae. *Journal of National Board for Technical Education,* 14: 81 – 84.

14. **Kadiri M.O. & Azomani I.L. (1999b):** Nutrient-influenced growth response of *Mesotaenium caldariorum* (Lagerheim) Hansgirg to brewery effluent *Acta Botanica Hungarica,* 42:161-169.

15. **Kadiri, M.O. & Azomani, I.L. (1993):** Nutrient enrichment bioassay of a river receiving brewery effluent: A study with indigenous phytoplankton population. *Nigerian Journal of Applied Science,* 11:53-65.

16. **Kadiri, M.O. (1999b):** Comparative Limnology and the phytoplankton Levels of Five Springs in southern Nigeria.
*Journal of Science, Engineering and Technology (JSET.)* 6:1834-1854.

17. **Kadiri, M.O.(2000a)** Seasonal trend in the chemical limnology of a shallow Nigerian man-made lake. *Acta Hydrobiol.,* 42: 29-40.

18. **Kadiri M.O (2000b):** Limnological studies of two contrasting but closely linked springs in southern Nigeria. *Plant Biosystems,* 134: 123-131.

19. **Kadiri, M.O**.(1999 c) A spatial profile of net phytoplankton in the Lower River Niger recorded in the wet season. *Acta Hydrobiol.,* 41: 247-258

**20** **Kadiri M.O. & Opute F.I. (2000):** The Euglenoids of the Ikpoba reservoir. *Biologia,* 55(4): 351-355.

21 **Ezemonye L.I.N & Kadiri, M.O. (2000):** Bioremediation of Aquatic ecosystems: The African perspective (A review paper) *Environmental Research* 3: 137-147.

22. **Kadiri M.O.(1999d)** Phytoplankton distribution in the coastal waters of Nigeria. *Nigerian Journal of Botany,* 12:51-62

**23.** **Kadiri, M.O.** & Azomani, I.L. (**2000**): Effect of Brewery effluent on growth of two Chlorophytes. *Journal of Environment and Toxicology*, 2:14-18.

**24.** **Kadiri, M.O. (2001):** Limnological studies of some springs in southern Nigerian*. Tropical Journal of Environmental Research,* 3: 163-180.

**25.** **Kadiri, M.O. (2001)**: Some marine phytoplankton species from Atlantic Ocean, Nigeria. *Bioscience Research Communications*, 13: 197-207.

**26.** Beardall J., Berman T., Heraud P., **Kadiri M.**, Light B., Patterson G., Roberts S., Sulzberger B., Sahan E., Uehlinger U. & Wood B. (2001): A comparison of methods for detection of phosphate limitation in micro algae. *Aquatic Science:* 63, 107-121.

27. Egborge, A.B.M. and **Kadiri, M.O. (2001)**: The Plants (Phytoplankton). *In*: Egborge, A.B.M.(ed), Water Pollution in Nigeria, Volume 2, Pollution at Warri River at Opete, pp64-74.

28. **Kadiri, M.O.** (2002): A checklist of desmids of Nigeria. *Global Journal of Pure and Applied Sciences,* 8: 223-237.

29. **Kadiri, M.O. (2002):** A spectrum of phytoplankton flora along salinity gradient in the Eastern Niger Delta area of Nigeria. *Acta Botanica Hungarica,* 44:75-83.

**30. Kadiri, M.O.** & Omozusi, H.I. **(2002):** A pre-pollution study of the phytoplankton of an oligotrophic river in southern Nigeria. *Afr. J.Environ. Pollut. Health* 1: 19-27.

**31. Kadiri, M.O.** & Opute, F.I. **(**2003)**:** SEM observations of some noteworthy diatoms from the Ikpoba reservoir, Nigeria. *Plant Biosystems,* 137 (2): 215-230.

**32. Kadiri, M. O.** & Emmanuel, D**. (2003):** Growth of phytoplankton in different fertilizer media. *Journal of Aquatic Sciences,* 18: 15-20.

**33. Kadiri, M. O. (2003):** Diatoms from Nigeria. *Algological Studies,* 110:17-26.

34. **Kadiri, M.O**. (2004): African Freshwater algae: A bibliographic update. *Acta Botanica Hungarica,* 46: 179-200.

35. **Kadiri, M.O**. (2006a): Phytoplankton survey in the western Niger Delta, Nigeria. *African Journal of Environmental Pollution & Health.* 5: 48-58.

36. **Kadiri, M.O**. (2006b): Phytoplankton flora and physico-chemical attributes of some waters in the Eastern Niger Delta area of Nigeria. *Nigerian Journal of Botany* 19:188-200.

37. **Kadiri, M.O**. (2007): Diatoms from Nigeria: SEM examination of some taxa. *Algological Studies*122: 17-33.

38. Wujek, D. E., Dziedzic, R. M., **Kadiri, M.O**. and T.A. Adesalu (2007). Identification, ecology, and distribution of heliozoa, Scaled flagellates and scaled ciliates from western Nigeria. *Tropical Freshwater Biology* 16: 1-15.

39. **Kadiri, M.O.** (2007). Phytoplankton dynamics of a tropical river: A dry and rainy season comparison. *Journal of Aquatic Sciences* 22: 11-26.

40. Wujek, D.E. Pershon, L. E. & **Kadiri, M. O. (2008).** Description of a New Freshwater Species of *Thaumatomastix* (Protista, Thaumatomonadida) from Nigeria, West Africa. *Tropical Freshwater Biology*, 17(2): 13 – 20.

41. Daniel E. Wujek, Medina O. Kadiri & Ryan M. Dziedzic (2010) Silica–scaled Chrysophyceae and Synurophyceae from Nigeria. III. Chrysophytes from rivers of Edo State *Fottea* 10(1): 93–98**.**

42. Kadiri, M. O. (2011). Notes on Harmful algae from Nigerian

coastal waters. *Acta Botanica Hungarica* 53: 137-143.

43. **Kadiri, M. O.** & Eboigbodin, A.O. **(2012).** Phytotoxicity assessment of water soluble fractions of refined petroleum products using microalgae. *Acta Botanica Hungarica* 54:301-311

**44. Kadiri, M. O.** & Emmanuel, D**. (2006):** Ecotoxicological assessment of petroleum hydrocarbons using phytoplankton. Presented at Botanical Society of Nigeria Conference at the University of Benin. *Acta Botanica Hungarica* (in press).

45. Wujek, D. E., Dziedzic, R. M., **Kadiri, M.O**., T.A. Adesalu and Nwankwo, D.I. (2007). Identification, ecology, and distribution of heliozoa, Scaled flagellates and scaled ciliates from western Nigeria. *Tropical Freshwater Biology* 16: 1-15.

46. Wujek, D.E. Pershon, L. E. and **Kadiri, M. O. (2008).** Description of a New Freshwater Species of *Thaumatomastix* (Protista, Thaumatomonadida) from Nigeria, West Africa. *Tropical Freshwater Biology*, 17(2): 13 – 20.

**47. Kadiri, M. O.** & Enoma, M**. (2013).** Comparative assessment of the effects of water soluble fractions of fuel oils on the growth of microalgae. *Acta Botanica Hungarica International Journal of Renewable Energy and Environment* 1:48-55

48. Daniel E. Wujek, **Medina O. Kadiri** & Ryan M. Dziedzic (2010) Silica–scaled Chrysophyceae and Synurophyceae from Nigeria. III. Chrysophytes from rivers of Edo State *Fottea* 10(1): 93–98.

49. Wujek, D.E., **Kadiri, M.O**. & Dziedzic, R.M. (**2011**). Freshwater scaled Chrysophytes, heliozoa and thaumatomonad flagellates from Edo State, Nigeria. *African Journal of Aquatic Science* 36(2):207-212.

50. Abirhire, O. & **Kadiri, M. O.** (2011) Bioaccumulation of heavy metals using microalgae. *Asian J. Microbiol. Biotech. Env.Sc.* 13(1):85-88.