

CURRICULUM VITAE

1. PERSONAL INFORMATION

Title: Professor
Family Name: AJANI
Other Names: Emmanuel Kolawole
Date of Birth: 25/01/1968
Place of Birth: Ibadan, Oyo State, Nigeria
Nationality: Nigerian
Marital Status: Married
Children: Three
Present Position: Professor of Fisheries Management Since 2011

2. CURRENT ADDRESS

Department of Wildlife and Fisheries Management
University of Ibadan, Nigeria
Tel.: (234)8068929835 mobile
e-mail: ek.ajani@mail.ui.edu.ng or ekajani@yahoo.co.uk

3. ELEMENTARY EDUCATION

School Attended	Dates	Certificate Obtained
i) Anglican Commercial Grammar.Sch. Oritamefa, Ibadan, Nigeria.	1979 – 1984	WASC

4. PROFESSIONAL EDUCATION

Certificate Obtained	Year	University	Specialization
B.Sc. (Hons.) Second Class Upper Division	1990	University of Ibadan, Nigeria	Fisheries Mgt.
M.Sc.	1992	University of Ibadan, Nigeria	Fisheries Mgt
Ph.D	2001	University of Ibadan, Nigeria	Fisheries Mgt

5. MEMBERSHIP OF LEARNED AND PROFESSIONAL ASSOCIATIONS

- | | |
|--|--------|
| a) World Aquaculture Society | Member |
| b) Association of Nigeria Fisheries Scientist | Member |
| c) Pan African Fish and Fisheries Association (PAFA) | Member |
| d) Fisheries Society of Nigeria - | Member |
| e) Forestry Association of Nigeria- | Member |
| f) Nigeria Association of Aquatic Sciences (NAAS) - | Member |
| g) Catfish Farmers Association of Nigeria (CAFAN) - | Member |

6. AWARDS, HONOUR AND DISTINCTIONS

i.	Oyo State Government Scholarship Awards	1989- 1990
ii.	Raymond Zard Award for the Best Fisheries Management Student	1989 – 1990
iii.	Fellow, Fisheries Society of Nigeria	2015 till date
iv.	Member, National Committee on Naming and Registration of Fisheries Products	2013 to date
v.	Head, Department of Aquaculture and Fisheries Management, University of Ibadan, Nigeria	2012 – 2014
vi.	Hall Warden, Obafemi Awolowo Hall, University of Ibadan, Nigeria	2005 - 2011
vii.	Best Service Award as Best Hall Warden of Obafemi Awolowo Hall, University of Ibadan, Nigeria	2009 – 2010
viii.	Fauna Conservation Awards of Excellence Service in Fisheries Management And Aquaculture	2008 – 2009
ix.	Regional Coordinator, CORAF/ WECARD SIARP-ESEA project	2012 - 2017
x.	National Coordinator, CORAF/WECARD SIAD- RP Project	2012 to 2017
xi.	Director, University of Ibadan, Fish Farm Venture	2014 - 2023
xii.	Member, Steering Committee of Nigeria Association Fisheries Scientists	2012 – 2014
xiii.	Hall Master, Nnamdi Azikiwe Hall, University of Ibadan	2022 till date
xiv.	General Secretary, Association of Nigeria Fisheries Scientists	2016 till date
xv.	Member, Scientific and Technical Committee of CORAF	2019 till date
xvi.	Principal Investigator, USAID/MSU project on Integrated Fish Farming in Kebbi and Ebonyi state	2020 - 2024
xvii.	University Focal Person, FARA/UI Centre of Excellence in Aquaculture	2022 till date
xviii.	Dean, Faculty of Renewable Natural Resources	2020 - 2022
xix.	Principal Investigator - FAO-UI LoA on Support for Upscaling of Rice and Fish Integration	2024 to 2025
xx.	Principal Investigator -FAO-UI LoA on Black Soilder Fly	

Larvae Technical Support

May 2023 - June 2024

- xxi Principal Investigator - FAO-FISH4ACP-UI LoA on Farm-based aquaculture research to support FISH4ACP catfish cluster upgrading (BSFL project) Sept. 2024 - till date
- xxii Senior Technical Advisor - Tetra Tech ARD and Belinda & Bill Gate Foundation on Climate Analytics for Agriculture Risk Management Comparative Advantage Analysis Dec. 2024 - Feb. 2025
- xxiii Senior Technical Scientist - IITA/WorldBank on Assessment of Fisheries and Aquaculture in Nigeria under Blue Economy initiative March 2025 till date

7. SHORT TERM TRAINING

2023- Black Soldier Fly larvae Rearing and facilities development, Kajjanssi, Uganda

2009: Seminar on Fish Diseases Management, FDF Nigeria

2002: National Workshop on Fish diseases control, FISON

2001: National Workshop on Environmental Impact Assessment (EIA),

University of Ibadan Centre for Environmental Protection and Natural Resources and Federal Ministry of Environment, Abuja

OTHER SKILLS/TRAINING Management: Various training courses in middle- and top level management
IT: Expert user in the Microsoft Office program package, STASTICA and SAS

8. LANGUAGE ABILITY

LANGUAGE		EXCELLENT	GOOD	FAIR	POOR
	READ	✓			
YORUBA	WRITE	✓			
	SPEAK	✓			

	READ	✓	
ENGLISH	WRITE	✓	
	SPEAK	✓	
	READ		✓
FRENCH	WRITE		✓
	SPEAK		✓

9. PROFESSIONAL AND ACADEMIC EMPLOYMENT RECORD

Period	Employer	Title	Job Assignment
i. 1992 – 1993	Zartech (Nig.) Ltd., Oluyole Industrial Estate, Ring Road, Ibadan Oyo State, Nigeria	Fisheries Officer	Overall Management of Fish Farms, Development of farm Hatchery system. Preparing the fish farm Management plan.
ii. 1993 -1996	Nefraday (Nig.) Ltd Ilorin, Kwara State, Nigeria	Fisheries Manager	Development of fish farm investment plan. Management of fish farm activities. Formulation and actualization of developed management plans
iii. 1996 – 1999	University of Ibadan, Nigeria.	Assistant Lecturer	Teaching of under Graduate courses- WFM 211: West African Fish and Wildlife , FIS 320: Fish Gear Technology FIS 322:Introduction to Oceanography, FIS 518: Production of Other Marine Products, FIS 321: Elementary Seamanship and Navigation, FIS 414: Oceanographic Techniques , FIS 452: Analytical Techniques in Fisheries Management. Also supervision of

undergraduate projects.

iv. 1996 – 1999 University of Ibadan, Lecturer I
Nigeria.

Teaching of under
Graduate courses-
WFM 211: West
African Fish and
Wildlife , FIS 320:
Fish Gear
Technology
FIS 322:Introduction to
Oceanography, FIS 518:
Production of Other
Marine Products, FIS
321: Elementary
seamanship and Navigation,
FIS 414: Oceanographic
Techniques,
FIS 452: Analytical
Techniques in Fisheries
Management. Also
supervision of
undergraduate projects.

v. 1999 – 2002 University of Ibadan, Lecturer I
Nigeria.

Teaching of under
graduate and
postgraduate courses-
WFM 211: West
African Fish and
Wildlife , FIS 320:
Fish Gear
Technology
FIS 322:Introduction to
Oceanography, FIS 518:
Production of Other
Marine Products, FIS
321: Elementary
seamanship and Navigation,
FIS 414: Oceanographic
Techniques,
FIS 452: Analytical
Techniques in Fisheries
Management. FIS 712:

		Gear	Production
		BDM 712: Ecosystem Approach to Biodiversity Management	
		BDM 713: Aquatic Biodiversity Management.	
		Time Table Coordinator.	
		Also supervision of undergraduate and postgraduate projects.	
vi. 2002 – 2005	University of Ibadan	Senior Lecturer	Nigeria.
		Teaching of under graduate and postgraduate courses-	
		WFM 211: West African Fish and Wildlife , FIS 320: Fish Gear Technology	
		FIS 322:Introduction to Oceanography, FIS 518: Production of Other Marine Products, FIS 321: Elementary seamanship and Navigation, FIS 414: Oceanographic Techniques,	
		FIS 452: Analytical Techniques in Fisheries Management. FIS 712: Gear Production	
		BDM 712: Ecosystem Approach to Biodiversity Management	
		BDM 713: Aquatic Biodiversity Management.	
		Practical Year Programme Coordinator	
		Also supervision of undergraduate and postgraduate projects.	
vii. 2005 – 2008	University of Ibadan	Reader	Nigeria.
		Teaching of under graduate and	

postgraduate courses-
 WFM 211: West
 African Fish and
 Wildlife , FIS 320:
 Fish Gear
 Technology
 FIS 322:Introduction to
 Oceanography, FIS 518:
 Production of Other
 Marine Products, FIS
 321: Elementary
 seamanship and Navigation,
 FIS 414: Oceanographic
 Techniques,
 FIS 452: Analytical
 Techniques in Fisheries
 Management. FIS 712:
 Gear Production

BDM 712: Ecosystem
 Approach to Biodiversity
 Management
 BDM 713: Aquatic
 Biodiversity Management.
 Practical Year Programme
 Coordinator.
 Also supervision of
 undergraduate and
 postgraduate projects.

viii. 2008 – 2011 University of Ibadan Professor
 Nigeria.

Teaching of under
 graduate and
 postgraduate courses-
 WFM 211: West
 African Fish and
 Wildlife , FIS 320:
 Fish Gear
 Technology
 FIS 322:Introduction to
 Oceanography, FIS 518:
 Production of Other
 Marine Products, FIS
 321: Elementary
 seamanship and Navigation,
 FIS 414: Oceanographic
 Techniques,

FIS 452: Analytical
Techniques in Fisheries
Management. FIS 712:
Gear Production

BDM 712: Ecosystem
Approach to Biodiversity
Management
BDM 713: Aquatic
Biodiversity Management
Also supervision of
undergraduate and
postgraduate projects.

- | | | | |
|--------------------|--|--------------------|---|
| ix. 2010 – 2023 | Federal University of
Agriculture, Abeokuta,
Nigeria | External Examiner | Assessment of M.Sc.
dissertation.
Academic Leadership |
| x. 2014 to date | Federal University of
Technology
Akure, Nigeria | External Examiner | Assessment of B.Sc.
project and M.Sc.
dissertations.
Academic Leadership |
| xi. 2015 to date | Federal University
of Taraba, Nigeria | Visiting Professor | Academic Leadership |
| xii. 2013 to date | University of Lagos | External Examiner | Assessment of B.Sc.
project and M.Sc.
dissertations.
Academic Leadership |
| xiii. 2015 to date | Federal College
of Agriculture
Igboora, Oyo,
Nigeria. | Visiting Professor | Academic Leadership |

10. DETAILS OF STUDENTS PROJECT SUPERVISION

Student Supervision

	Completed	In progress
B.Sc.	220	4
M.Sc. -	190	3
Ph.D. -	28	16

11. FIELDS OF COMPETENCE

- **Environmental Impact Assessment**
- **Blue Economy – Fisheries and Aquaculture**
- **Aquaculture Development and Management**
- **Inland and Coastal Fisheries Management**
- **Fish Stock Assessment and Biodiversity Management**
- **Water quality and pollution control**
- **Training and Manpower Capacity Building**
- **Socio-Economic Surveys and Research**
- **Project Cycle Management**
- **Natural Resources Management and Policy Analysis**
- **Natural Resources (Agriculture) Development Policy and Planning**
- **Portfolio Management (Procurement, Disbursement Processing, and Contract Management)**

12. KEY QUALIFICATIONS:

I have over 29 years experience in natural resources development, planning and policy analysis covering public / private equity investment and donor funded projects, and academic tutoring.

I have served different Organizations in different capacities as a Fishery Expert on long and short-term assignments. These include the African Development Bank (AfDB), West and Central African Council for Agricultural Research and Development (WECARD/CORAF), the Federal Department of Fisheries of Nigeria and have been involved in World Bank and Food and Agriculture Organization projects.

During these periods, I have managed project at the field level. I have acquired experiences in project concept and design development, management and execution of studies at all phases of project cycles (Identification, Preparation, Appraisal, Implementation, Supervision, Monitoring and Evaluation). I have also been involved in Project Monitoring and Evaluation; Project Procurement Planning and Procurement Implementation; Project Disbursement Processing, Contract Management and Audit Reviews. I have also been involved in Project Mid-Term Reviews and Project Completion Reports Preparation, including their Socio-Economic Impact Assessments.

Over the years, I have handled project related capacity building and training programmes. I have been involved in on-job- training at vocational, sub-professional and professional levels. For the past ten years, I am the main resource person in the training of Fisheries Extension Officers in Nigeria at local and national levels. As a Lecturer in University of Ibadan, Nigeria, I have been

involved in the training and development of manpower in the area of agriculture and natural resources development in the past 29 years.

Technical and Consultancy Experiences

1) African Development Bank (AfDB), Tunis, Tunisia

I have worked as consultant with African Development Bank (AfDB) undertaking and leading field mission to prepare, appraise and supervise projects in many African countries. I was also involved in the preparation of project completion report in Uganda and Democratic Republic of Congo (DRC). During this process, I have made technical inputs for improvement of the Bank's operational activities with respect to renewable natural resources management. I have contributed to the review of the technical design of projects; and also contributed to the evaluation of the financial and institutional arrangements for the implementation of the projects.

As Consultant to the Bank, I have gained much experience in every aspect of project cycle management. I am also well versed with the Bank's procurement rules for services, goods and works. My specific assignments with the Bank are as listed below:

- a) DRC and Uganda (Fisheries Management Expert): Lakes Edward and Albert:** Integrated Fisheries and Water Resources Management Project: Global Environment Facility (GEF) Project Preparation Grant (PPG) for Uganda and Democratic Republic of Congo. (16 December 2015 – 16 March 2016)
- b) Gambia Artisanal Fisheries Development Project (Fisheries Expert):** Project Completion Report (PCR) (04 February – 16 March 2013)
- c) Ghana (Natural Resources Development Specialist)** Project Completion Report (PCR) and Project Concept Note (PCN) (10 January 2012 – 26 January 2012) – Preparation of PCR and PCN for Integrated Management of Aquatic Invasive Weed project in shared water bodies in Ghana (River Volta and Tano)
- d) Nigeria (Natural Resources Development Specialist)** Project Completion Report (PCR) and Project Concept Note (PCN) (4 January 2012 – 10 January 2012; 23 January – 5 February 2012) – Preparation of PCR and PCN for Integrated Management of Aquatic Invasive Weed project in shared water bodies in Nigeria (River Benue and Niger)
- e) Mozambique: (Fisheries Expert)** Project supervision mission (20 November – 21 December 2010) – Preparation of Technical supervision mission report of Mozambique Artisanal Fisheries Development Project. Assessment of the progress in the project implementation work plan and recommendations on the project exit strategies and sustainability plan.
- f) DRC and Uganda: (Project Development Expert)** 16 July to 16 August 2010- Project preparation of Multinational (DRC and Uganda) Lakes Edward and Albert Integrated Fisheries and Water Resources Management and Development. I was

involved in the development and preparation of this multinational project in DRC and Uganda.

- g) Uganda: Consultant (Fisheries expert) - Project Supervision Mission, Uganda Fisheries Development Project, 14 – 23 March 2009.**
I was involved in the analysis of the status of the project implementation and identification constraints affecting the rate of implementation. I also offered useful technical advises on how to move the project forward. Made necessary report to the Bank on observations on the field and recommended ways of further improving the project performance.
 - h) DR Congo and Uganda: (Project Completion Report): Lakes Edward and Albert Fisheries Project (LEAF) 24 March – 10 April 2009-** I prepared the Technical Completion Report of Lake Edward and Albert Fisheries Pilot Project. I assisted in assessment of the project performance at the design/appraisal and implementation level. Also helped to assess the rate of achieving the project outputs and outcomes and rate the performance of parties involved in project execution.
 - i) Uganda (Mid Term Review – Supervision Mission) 7 April – 5 May 2008:** Uganda Fisheries Development Project – I assisted in preparation of project supervision report for Mid Term Review of Uganda Fisheries Development project as Fisheries Expert. I helped in analysis of the project ability to achieve the set objectives. Made necessary report to the Bank on observations on the field and recommended ways of further improving the project performance
- 2) West and East African Council for Agricultural Research and Development (WECARD/CORAF):**
- a) I am the lead consultant/ investigator in the WECARD sponsored project on Integrated Aquaculture on Fish cum rice and poultry production (Economic, Social and Environmental Assessment). As the regional coordinator, I am coordinating the activities of over twenty leading experts in Renewable Natural Resources Management from three West African countries (Nigeria, Sierra Leone and Cameroun). At end of the project period (August 2011 – September 2014), I will assist in development of innovation platforms for the management of integrated water resources management in relation to fish culture in these countries.
 - b) Under project on poverty alleviation through fish cum pig and rice production (WECARD sponsored project 2), I am the national coordinator and have assisted in documentation of value chain analysis for the key agricultural products in this project along with experts in the similar field from Nigeria, Sierra Leone and Cameroun
- 3) Food and Aquaculture Organisation (FAO)**

- a) **Nigeria:** (Fisheries system Design)- Sustainable Aquaculture in Nigeria July 2010 – November 2011): Assisted in the design and construction of fish culture systems under the sustainable commercial aquaculture.
- 4) **Nile Basin Initiative (NBI):**
 - a) **Rwanda and Burundi:** Project Development Specialist- Integrated Management of Transboundary Natural Resources of Lakes Cyohoha, Rweru and Akanyaru Marshland. (2 April – 23 April 2012).
- 5) **The African Fisheries Experts Network (Afri-Fishnet) of the New Partnership for African's Development (NEPAD)**
 - a) **Nigeria** (Fisheries Consultant) – (February – April 2012) Coordination of “Study on Level and Significance given to Experiential Learning in Tertiary Fishery (Culture and Capture) Training Institutions in West Africa; case study of Nigeria” .
- 6) **African Union (AU – IBAR) Co Principal Investigator:** Inter regional Fish trade in Africa 2016 – 2018
- 7) **Principal Investigator (Home Country):** USAID –UNIVERSITY OF GEORGIA Food Innovation Laboratory project on Integrated Fish Rice Farming 2020 – 2022.
- 8) **Lead Consultant – AU-IBAR project-** African Union - InterAfrican Bureau for Animal Resources: - Identify Priority Issues And Actions For Sustainable Coastal And Marine Tourism And Mining Activities- 2021 – 2022
- 9) **Lead Consultant – AU-IBAR -**African Union - InterAfrican Bureau for Animal Resources- Compile and Prepare biennial status report on the implementation of Policy framework and reform strategy for fisheries and aquaculture in Africa (PFRS) for the development of African fisheries and aquaculture report- 2023 till date
- 10) **Lead Investigator –** FAO/University of Ibadan - Project on Feasibility of Black Soldier Flies as an Alternative Feed for Catfish in Nigeria 2023 till date
- 11) **Senior Technical Advisor - Tetra Tech ARD and Belinda & Bill Gate Foundation on CLIMATE ADAPTATION SERVICES STRATEGY AND LEARNING ACTIVITY:**

Climate Analytics for Agriculture Risk Management Comparative Advantage Analysis December 2024 - February 2025

12. RELEVANT CONSULTANCY SERVICES TO OTHER ORGANISATIONS

- 1) **University of Ibadan Consultancy Service**
 - a) **2008: Fisheries Management and Water Quality Expert. Assessment of Fisheries potentials of three man made lakes (Sepeteri , Ede and Igabara – Oke dams) in South western Nigeria.**

Country: Nigeria (Federal Department of Fisheries, Nigeria project)
Prepared report on the status of the fish stock and water of three manmade Lakes in South western Nigeria. Developed management plan for the lakes and possible restocking programmes for these lakes
 - b) **2009: Fisheries – Aquaculture expert: Capacity building in cage culture development and management in two States (Lagos and Yobe States, Nigeria) of Nigeria**

Country: Nigeria (Federal Department of Fisheries, Nigeria project)
Activities: Building capacity of stakeholders – Fisheries officials,
Artisanal Fisherfolks and Fish farmers on the cage culture technology
through seminars and demonstration.

2) Geomatics (Nig.) Limited

a) 2007: Fisheries Expert- Baseline studies of 60 LEEMP (A World Bank Programme) communities in Bayelsa state, Nigeria.

Country: Nigeria (Federal Ministry of Environment and **World Bank Project**) Assessment of needs and income generating activities of 60 riverine communities in Bayelsa state Nigeria with the view of improving the socioeconomic situation of these communities.

b) 2001: Fisheries Expert: Micro-Watershed and Environmental Management Programme (MEMP). Environmental Assessment Study of Imo State, Nigeria.

Country: Nigeria (Federal Ministry of Environment and **World Bank**)
Environmental Impact Assessment study of erosion prone areas and watershed of Imo state.

3) Jawara Environmental Services

a) 2002: Fisheries Expert: National Fadama Development Project (NFDP2). Fisheries Component of the Environmental and Social Assessment (EA/SA) in the Southern Zones of Nigeria.

Country: Nigeria (Federal Ministry of Agriculture and **World Bank**) Study and assessment of wetland farming activities in Imo and Delta States

4) Federal Ministry of Water Resources, Nigeria. - Aquatic Ecologist: - Assessment River Health Status of Yewa and Ogun River. March 2011 – November 2011.

5) Federal Department of Fisheries, Nigeria- Fisheries Consultant – Prepared report on Prevalence of diseases in Farm raised catfish in Nigeria and conducted national workshop on the control and management of these diseases. July 2010 – July 2011.

6) Lagos State Agricultural Development Programme, Nigeria- Fisheries Consultant - Made technical presentation and offered advises on the management techniques in running of Fish farms in Lagos State, Nigeria. 2006 - 2010.

7) Technical Consultant- Fishmongers (Nig) Limited, Lalupon, Oyo State, Nigeria
Drawing feasibility report and offering technical support for running of 12 acres fish farm. 1999 – till date.

8) Technical Consultant- Crown wealth Project, Iwo Road, Ibadan, Oyo State, Nigeria. Drawing feasibility report and offering technical support for running of 12 acres fish farm. 2002 – till date.

9) Management Consultant - Nefraday (Nig.) Limited, Lasoju, Ilorin, Kwara State, Nigeria. Development of Technical and Management frameworks for the management of the 25 hectare fish farm at Nefraday (Nig.) Limited. 1993 – 1996

- 10) Federal Ministry of Environment. I have been a member of review panel of environmental impact assessment as an ecology expert for the FMEnv

13. PERSONAL ATTRIBUTES

Integrity, Firmness, Fairness, Objectivity, Team Building/Working, Honesty, Diligence, Passion for productive work and Service delivery, Humility, incorruptibility

14. HOBBIES

Farming, gardening, travelling, Sport, music, nature walks, meditation, counseling, teamwork, mentoring.

15. SELECTED FELLOWSHIPS/INTERNATIONAL SCIENTIFIC COURSES/CONFERENCES/ WORKSHOPS ATTENDED (IN THE LAST FIVE YEARS)

- i. 20th Annual Conference of Fisheries Society of Nigeria, held at Federal University of Technology, Akure October 2009
- ii. Federal Department of Fisheries, Nigeria, National Workshop on Catfish Health and Diseases Management April 2011.
- iii. West and Central African Council for Agriculture Research and Development (WECARD/CORAF) Inception Workshop, Freetown Sierra Leone 2011
- iv. First Ibadan Sustainable Development Summit, University of Ibadan, November, 2010
- v. Second Ibadan Sustainable Development Summit, University of Ibadan, August, 2011
- vi. Third Ibadan Sustainable Development Summit, University of Ibadan, August, 2012
- vii. 2nd Regional workshop of two MDTF projects under CORAF/WECARD in Douala, Cameroun, 2012
- viii. 3rd Regional Workshop of two MDTF projects under CORAF/WECARD in Ibadan, Nigeria, 2013
- ix. 4th Regional workshop of two MDTF projects under CORAF/WECARD in Douala, Cameroun, 2014

- x. Humboldt International Conference, Ogbomoso-Nigeria 2011
- xi. 6th World Fisheries Congress, May 7-11, Edinburgh, UK.
- xii. Annual Conference of World Aquaculture Society 2013, Nashville, USA
- xiii. Humbolt Kellog Conference, Federal University of Technology Akure, Ondo state, Nigeria. Sept 29- Oct., 1, 2014
- xiv. 9th Annual Conference of Zoology Society of Nigeria, Ibadan 30 November – 3 December 2014
- xv. Monitoring & Evaluation and Results-Based management short course logistics note, Abidjan, Cote d'Ivoire, March 2 – 7 2015.
- xvi. Training workshop on the consideration of Gender effective in activities of MDTF project, Abidjan, Cote d'Ivoire, 10 to 13 August 2015
- xvii. 1st National Conference of Association of Nigerian Fisheries Scientists, University of Ibadan, August 2018
- xviii. 2nd National Conference of Association of Nigerian Fisheries Scientists, Usmanu Danfodiyo University, Sokoto August 2019
- xix. 3rd National Conference of Association of Nigerian Fisheries Scientists, University of Benin, July 2021
- xx. 4th National Conference of Association of Nigerian Fisheries Scientists. Federal University of Technology, Minna July 2023
- xxi. National Workshop on review and validation of national aquatic animal health strategies for Nigeria, December 2022
- xxii. National Workshop on FAO/UI/UGA - Integrated Rice and Fish Farming, Kankanfo Inn University of Ibadan, Nigeria December 2022
- xxiii. National Consultative Meeting to Develop a Masterplan and Strengthen Regulatory Frameworks for Sustainable Coastal, Marine Tourism and Mining Activities (oil, gas, mineral exploration) towards aquatic biodiversity conservation and sustainable Environment in Abuja-Nigeria, 20-22, February 2023.
- xxiv. Aquaculture America 2023, held in New Orleans, Louisiana, February 25 - 27, 2023.

- xxv. Fish Innovation Lab's Final Annual Meeting, New Orleans February 28 – 02 March 2023
- xxvi. 3rd International Symposium Integrated Agriculture and Aquaculture and Water Resource Management m 19-21 September 2024 in Shanghai Ocean University, Shanghai, China

16. PUBLICATIONS

Books already published

- (1) **Ajani, E. K.**, Akinwale O. A. and Ayodele I. A. (2011): *Fundamentals of Fish farming in Nigeria*. Vision Publishers, Ibadan, Nigeria. 119pp. ISBN 978-245-543-1.

b) Chapters in Books already published

- (2) **Ajani, E. K.** (2008). Sustainable fish production, processing and marketing. In *Food- Production and Food Security- The role of Local Government councils and the rural Farmers in Agriculture, Food production and food security*. 140 – 189pp
- (3) **Ajani, E. K.** and Omitoyin B. O (2013): Management Practices in Integration of Fish, Pig And Rice. In: Omitoyin, B. O, **Ajani, E. K.** and Akinwale, A. O. ed.: *Integrated Fish Farming: Fish, Rice and Pig*. Printplace Concepts Ibadan. 41 – 59p
- (4) Omitoyin B. O. **Ajani, E. K.** and Osho, E. F. (2013): Biological and Chemical Assessment of Water Quality Under Integration of Fish, Pig And Rice In: Omitoyin, B. O, **Ajani, E. K.** and Akinwale, A. O. ed.: *Integrated Fish Farming: Fish, Rice and Pig*. Printplace Concepts Ibadan. 9 – 17pp
- (5) Fatturoti, E. O., Falaye A. E., **Ajani, E. K.** ,and Akinwale A. O. (2015): Fish Feed formulation and production. In. Omitoyin, B. O, **Ajani, E. K.** and Akinwale, A. O. ed.: *Entrepreneurship Development training in Aquaculture Bussiness*. Printplace Concepts Ibadan. 38 – 56pp.
- (6) **Ajani, E. K.**, Omitoyin, B. O. and Oyebola O. O. (2015). Fish breeding and Hatchery management. In. Omitoyin, B. O, **Ajani, E. K.** and Akinwale, A. O. ed: *Entrepreneurship Development training in Aquaculture Bussiness*. Printplace Concepts Ibadan. 102 – 120pp
- (7) Akinwole , A. O., Oladosu, G. A. and **Ajani, E. K.** (2015). Aquaculture practice in management of fish disease and biosecurity. In. Omitoyin, B. O, **Ajani, E. K.** and Akinwale, A. O.: *Entrepreneurship Development training in Aquaculture Bussiness*. Printplace Concepts Ibadan. 122 – 138pp
- (8) **Ajani, E. K.** (2022). Tools for Sustainable Resource Management of Marine and Inland Fisheries in Africa. In P. Bolorunduro E. K. Ajani, B.O. Omitoyin and O. O. Orisasona ed. - *Blue Economy, Food Security and Poverty Alleviation Strategies in Africa: The Role of Aquaculture and Fisheries Management*. Exotic Dezines Ibadan ISBN:978-978-594192-2. 61 – 72pp

a) Articles that have already appeared in Refereed Conference/Workshop Proceedings

- (8) **Ajani, E. K.** and Nwanna L.C. (2009): Mangrove ecosystem and the challenges of sustainable fish production in Nigeria. In: Fagbenro O.A.; Olusoji-Bello, O. A.; Adeparusi, E.O.; Adebayo, O.T.; Nwanna L.C.; Dada A.A. and Olufayo, M.O.(ed.)

Edited Proceeding of 24th Annual Conference of Fisheries Society of Nigeria, October, 2009. pp102 - 103

- (9) **Ajani, E. K.** (2011): Best Management practices in catfish farming in Nigeria. In: Omitoyin B.O. and Abobarin A. O. (ed.) Catfish Health Management in Nigeria. Federal Department of Fisheries Workshop on Farm raised catfish diseases in Nigeria. 8 – 15pp. 26 – 27 July, 2011.
- (10) **Ajani, E. K.** (2011): Water quality and catfish health in Nigeria. In: Omitoyin B.O. and Abobarin A. O. (ed.) Catfish Health Management in Nigeria. Federal Department of Fisheries Workshop on Farm raised catfish diseases in Nigeria. 20 – 24pp. 26 – 27 July, 2011.
- (11) Omitoyin B.O., **Ajani E.K.** and Nwanna L.C. ed. (2013): *Training Manual for Fish Farmers under integrated fish cum poultry and rice culture*. 123pp. Walecrown Ventures Ibadan
- (12) Omitoyin B.O. and **Ajani E.K.** (2013): Water quality management under integration of fish with poultry and rice. In Omitoyin B.O., Ajani E.K. and Nwanna L.C. edt. (2013): *Training Manual for Fish Farmers under integrated fish cum poultry and rice culture*. 13pp. Walecrown Ventures Ibadan
- (13) **Ajani E.K.** and Omitoyin B.O. (2013): Fish production techniques under integration of poultry and rice. In Omitoyin B.O., Ajani E.K. and Nwanna L.C. edt. (2013): *Training Manual for Fish Farmers under integrated fish cum poultry and rice culture*. 14pp. Walecrown Ventures Ibadan
- (14) **Nwanna, L.C,** E. K. Ajani and S.F. Bamidele (2011). Characterization of isolated LAB from Nile tilapia as probiotics and the use for growth promotion and immune enhancement in the fish. Page 48 Book of Abstract. In Jekayinfa, S. O ed. Potential Application of Nanotechnology in Developing Countries of West Africa: Trend of Research Activities. Humboldt International Conference, Ogbomoso-Nigeria, July 4-7, 2011
- (15) Ajani, E. K, **L. C. Nwanna** and J. C. Ikwuemesi (2012). Effects of *Lactobacillus acidophilus* on Growth and Immune Responses of African catfish, *Clarias gariepinus*. . Proceedings of the 6th World Fisheries Congress, May 7-11, Edinburgh, UK.
- (16) Omitoyin, B.O., **Ajani, E. K**; Fawole, W.O and Osho, E.F (2013) Growth, Survival And Haematological Responses Of *Heterobranchus Bidorsalis* Juveniles To Changes In Photoperiod. Paper presented at Annual Conference of World Aquaculture Society 2013, Nashville, USA.
- (17) **Ajani,E.K.**, Omitoyin, B.O., Olasatan O. T. and Osho E.F. (2013): Effects Of Stocking Ratio On Growth Performance And Nutrient Utilisation Of Nile Tilapia And African Catfish Stocked In Hapa Under Polyculture Arrangement. Paper presented at Annual Conference of World Aquaculture Society 2013, Nashville, USA.

- (18) Fregene, B. T., Ajani, E. K., Omitoyin, B.O., Akinwale A.O., Adesehinwa A. O. K., Kareem, K. O., **Osho. E. F.** And Onoda, O. A. (2014): Production Indices and Profitability Analysis of Integrated Fish Farming (Fish, Rice, Poultry and Pig Production). *Proceeding of the Humbolt Kellog Conference, Federal University of Technology Akure, Ondo state, Nigeria. Sept 29- Oct., 1, 2014. Pp 13*

- (19) Balogun, K. J. Ajani E. K. and Adediji A. K (2014): Phytoplankton Species Composition as Influenced by Abiotic Environmental Factors in Badagry Creek, Nigeria. In 9th Annual Conference of Zoology Society of Nigeria, Ibadan 30 November – 3 December 2014

- (20) **Ajani, E. K.**, Olarenwaju, A. N. and Osho E. F. (2016): Management of Fisheries , Wildlife and Recreational Resources of the Nigerian Mangroves and wetlands. In Ogunanwo, O. Y. and Akinwale A. O. eds. *Proceedings of the 38th Annual Conference of Forestry Association of Nigeria, Port Harcourt, River State 7th – 11th March, 2016. Pp 367 – 389.*

- (21) Olanrewaju, A. M, Kareem O. K., **Ajani, E. K.** and Osho, F. E. (2018). Sex ratio and size structure of African snakehead *parachanna obscura* (Gunther 1861) in Eleyele lake, southwestern, Nigeria. In Fagbenro O. A., **Ajani, E. K.**, Magawata L. Skinkafi, B. A., Ayoola, S. O. and Orisasona, O.(ed) Science Innovation and Aqua business: A tripod for sustainable Fisheries and Aquaculture Development in Nigeria proceedings of 1st conference of Association of Nigerian Fisheries Scientists July 10 – 12, 2018, Ibadan, Nigeria 125 – 130

- (22) Setufe, S. B, **Ajani, E. K.**, Emikpe B. O. and Ogunbanwo, S. T. (2018). Antimicrobial and physiochemical potentials of *Psidium shajava* (L.) Aqueous extracts. In Fagbenro O. A., **Ajani, E. K.**, Magawata L. Skinkafi, B. A., Ayoola, S. O. and Orisasona, O.(ed) Science Innovation and Aqua business: A tripod for sustainable Fisheries and Aquaculture Development in Nigeria proceedings of 1st conference of Association of Nigerian Fisheries Scientists July 10 – 12, 2018, Ibadan, Nigeria. 175 – 180.

- (23) Balogun, K. J., and **Ajani, E. K.** (2018) health risk assessment of trace metals in fish species from Western region of Barrier Lagoon coast, Badagry Nigeria In Fagbenro O. A., **Ajani, E. K.**, Magawata L. Skinkafi, B. A., Ayoola, S. O. and Orisasona, O.(ed) Science Innovation and Aqua business: A tripod for sustainable Fisheries and Aquaculture Development in Nigeria proceedings of 1st conference of Association of Nigerian Fisheries Scientists July 10 – 12, 2018, Ibadan, Nigeria 105 – 110.

- (24) Fagbenro, O. A., **Ajani, E. K.**, Magawata, I., Shinkaft, B. A., Ayoola S. O. and Orisasona, O. (eds). Science, Innovation and Aquabusiness: A tripod for sustainable Fisheries and Aquaculture Development in Nigeria proceedings of 1st conference of Association of Nigerian Fisheries Scientists July 10 – 12, 2018, Ibadan, Nigeria

- (25) Ngede, O. B., **Ajani, E. K.** and Soetan K. O. 2019. Growth Response and Feed Utilisation of *Heterobranchus longifilis* fingerlings fed diets fortified with *Lactobacillus paracasei*. In Fagbenro O. A., Ipinjolu J. K., Ajani E. K., Magawata I., Shinkafi B. A. Ayoola S.O. Abubakar, M. K. and Orisasona, O. (eds): *Proceedings of the 2nd Conference of Association of Nigerian Fisheries Scientists*. July 9 – 11, 2019, Usamanu Danfodiyo University, Sokoto, Nigeria. 95 – 102pp
- (26) Iriobe, T., **Ajani, E. K.**, Ibrahim, R., Gana, A. B. and Jega, I. S. 2019. Haematological parameters of juvenile catfish (*Clarias gariepinus*) fed processed catfish offal diet, In Fagbenro O. A., Ipinjolu J. K., Ajani E. K., Magawata I., Shinkafi B. A. Ayoola S.O. Abubakar, M. K. and Orisasona, O. (eds): *Proceedings of the 2nd Conference of Association of Nigerian Fisheries Scientists*. July 9 – 11, 2019, Usamanu Danfodiyo University, Sokoto, Nigeria. 133 – 143pp
- d) Patents: Nil
- b) Articles that have already appeared in learned journals
- (27) **Ajani, E.K.**; Musa, B.O.; Akinwusi, F. and Akanmu, O.A. (2000): Production of *Clarias gariepinus* under two hatchery systems. *Journal of Tropical Forest* 16 (1) 167 – 172.
- (28) Falaye, A.E. and **Ajani, E.K.** (2001): Relationship between proximate composition of eggs and stages of gonad development in silver catfish *Chrysichtys nigrodigitatus*. *Journal of West African Fisheries* 10 (1) 535 – 540.
- (29) **Ajani, E.K.**; Omitoyin, B.O.; Adebuseye, F. and Ajani, F. (2002): Bioaccumulation of Copper, Lead and Zinc in the organs and Tissue of *Tilapia zillii* in Eleiyele Lake, Ibadan, Nigeria. *Nigerian Journal of Forestry* 32 (2): 76 – 80.
- (30) **Ajani, E.K.**; Omitoyin, B. O. and Abass, A. (2003): The Physico-chemical parameters and pollution status of Lagos Lagoon, Nigeria. *Journal of Tropical Forest*. 19 (2): 145 – 160.
- (31) **Ajani, E. K.**; Falaye, A. E. and Ajao, E. A. (2003): Factors influencing the dynamics of fin-fish composition and migration in Lagos Lagoon, Nigeria. *Nigerian Journal of Forestry* 33(2) 94 – 102.
- (32) Omitoyin, B.O.; **Ajani, E.K** and Adebuseye, F. (2003): Bioaccumulation of Copper, Lead and Zinc in the Organs and Tissue of *Clarias gariepinus* (Burchell1822) in Eleiyele Lake Ibadan, Nigeria. *Journal of Environmental Extension* 4: 74-78.
- (33) **Ajani, E. K.** and Omitoyin, B.O. (2004): Effects of some anthropogenic activities on fish species diversity in Eleiyele Lake Ibadan, Nigeria. *African Journal of Livestock Extension* 3: 13 – 18

- (34) **Ajani, E. K.;** Nwanna, L.C. and Musa, B.O. (2004): Replacement of Fishmeal with maggotmeal in the diets of Nile tilapia, *Oreochromis niloticus*. *World Aquaculture* 35 (1): 52 – 54.
- (35) **Ajani, E.K.** (2004): Effects of some abiotic components of the habitat on fish productivity in Lagos Lagoon. *Journal of Tropical Forest* 20: 120 – 129.
- (36) **Ajani, E.K.** (2005): Physicochemical Hydrology and Primary productivity of Lagos Lagoon, Nigeria. *Journal of Tropical Forest* 21 : 119 – 128
- (37) Nwanna, L. C. and **Ajani, E. K.** (2005): Effects of diets containing water hyacinth (*Eichhornia crassipes*) on growth and blood parameters of African catfish *Clarias gariepinus* . *Journal of Sustainable Tropical Agricultural Research* 13 : 7 – 10.
- (38) **Ajani, E. K.** (2005): Seasonal variation in the sessile macrobenthic community population in Lagos Lagoon, Nigeria. *Nigerian Journal of Forestry* 35 (1): 1 – 6
- (39) Omitoyin, B.O.; **Ajani E.K.** and Fajimi O.A. (2006): Toxicity of gramazone (Paraquat) to juveniles African catfish *Clarias gariepinus* (Burchell, 1822). *American – Eurasian Journal Agriculture & Environmental Sciences* 1(1):26– 30.
- (40) Omitoyin, B.O.; **Ajani, E. K.;** Adesina, B.T. and Okuagu, C.N.F. (2006): Toxicity of lindane (Gamma Hexachloro- cyclohexane) to *Clarias gariepinus* (Burchell1822). *World Journal of Zoology* 1(1): 57 – 63.
- (41) Nwanna, L.C.; **Ajani, E.K. and** Bamidele, E. (2006): Determination of Optimum Dietary Phytase level for the growth and mineral deposition in African catfish *Clarias gariepinus*). *Aquaculture Science* 54(1): 75 – 82.
- (42) **Ajani, E.K.** and Ayoola, S.O. (2007): The heavy metals in the muscle of some imported frozen fishes in Ibadan, Nigeria. *Journal of Environmental Extension* 6: 1 – 5.
- (43) Omitoyin, B.O. and **Ajani, E. K.** (2007): Feeding habits and bioaccumulation of heavy metals in fishes of Eleiyele Lake, Ibadan, Nigeria. *Journal of Afrotropical Zoology (Special Issue)*: 165 – 169.
- (44) Ayoola, S. O. and **Ajani, E. K.** (2007): Histopathological effects of Cypermethrin on Juvenile Nile Tilapia (*Oreochromis niloticus*). *African Journal of Livestock Extension*. Vol. 5: 1- 13.
- (45) **Ajani, E. K.** (2007): Effects of stocking density on the heamatology, growth and feed utilization of Nile Tilapia reared in tanks. *Journal of Tropical Forest* 23 (1): 34 – 43.

- (46) **Ajani, E. K.**, Omitoyin, B.O. and Adeoye, A.O. (2007): Physiological responses of *Clarias gariepinus* (Burchell 1822) broodstock to confinement stress. *Journal of Environmental Extension* 8: 65 - 69.
- (47) **Ajani, E. K.** (2008): Physico-chemical parameters and primary productivity of Ologe Lagoon, Nigeria. *Journal of Tropical Forest* Vol. 24 (1): 10 -21.
- (48) **Ajani, E. K.** (2008): Growth performance of Mangrove Oyster (*Crassostrea gasar*) in Badagry Creek, Lagos, Nigeria. *Nigeria Journal of Forestry* 38 (1): 9 – 12.
- (49) Ayoola, S.O. and **Ajani, E. K.** (2008): Histopathological effect of cypermethrin on juvenile African catfish (*Clarias gariepinus*). *World Journal of Biological Research* 1 (2): 1 – 14.
- (50) Omitoyin, B.O; Fagade, O.E; Ogunjobi, A.A; Ogbona, J; **Ajani, E.K.** and Oyelade, A.A. (2008): Preliminary Investigation on the conversion of Aquaculture Solid Waste into Single Cell Protein (SCP) from Re- circulatory slug for Fish Feed. *Nigerian Journal of Fisheries* 5(2): 107-122.
- (51) Ayoola, S.O. and **Ajani, E. K.** (2009): Seasonal variation in Fish distribution, abundance and physic-chemical parameters of wetland areas in Oyo state, Nigeria. *International Journal of Biological and Chemical Sciences* 3 (1): 107 – 116.
- (52) **Ajani E. K.** and Ajani F. (2008): Tolerance level and metabolic response of *Clarias gariepinus* fingerlings to potassium permanganate toxicity. *African Journal of Livestock Extension* 6: 61 – 65.
- (53) **Ajani, E. K.** and Ayoola, S.O. (2010): Acute toxicity of piscicidal plant extract (*Adenia cissampeloides*) on Tilapia (*Sarotherodon galilaeus*) juveniles. *Iranica Journal of Energy and Environment* 1 (3): 246 – 254.
- (54) **Ajani, E.K.** and Oyebola O.O. (2010): Growth performance of blue mussel (*Mytilus edulis*) in Ofiki river, Oyo state, Nigeria. *African Journal of Livestock Extension* 8: 40 – 46.
- (55) **Ajani, E. K.** and Oyebola O.O. and Setufe S.B. (2010): Effect of crowding stress on growth performance and carcass quality of juvenile African catfish (*Clarias gariepinus*) fed varying crude protein levels. *African Journal of Livestock Extension* 8: 67 – 71
- (56) **Ajani, E. K.** and Akpoilih B.U. (2010): Effect of chronic dietary copper exposure on haematology and histology of common carp (*Cyprinus carpio L.*). *Journal of Applied Sciences Environmental Management* 14 (4): 39 – 45.

- (57) Falaye A. E., Omoike A., **Ajani E. K.** and Kolawole O.T. (2011): Replacement of fishmeal using poultry offal meal in practical feeds for fry of the african catfish (*Clarias gariepinus*) fry. *Israel Journal of Aquaculture* 63: 50 -56.
- (58) Folorunsho S. B., **Ajani, E. K.** and Ogunbanwo S. T. (2011): Use of Lactic acid Bacteria as probiotic for promoting growth and nutrient utilization in Nile Tilapia *Oreochromis niloticus*. *African Journal of Livestock Extension* 9: 55 - 63
- (59) Omitoyin B. O., **Ajani E. K.** and Oyebola O.O. (2011): Cold shocking at 5°C and 7°C in triploid production: Effects on Embryonic development, Hatchability and fry performance in *Clarias gariepinus*. *African Journal of Livestock Extension* 9: 13 - 18.
- (60) **Ajani, E. K.** (2011): Toxic effects of propanil on *Oreochromis niloticus* (Linn Trewavas 1983) fingerlings. *Nigerian Journal of Rural Extension and Development* 4: 65 – 70. March 2011.
- (61) Falaye, A. E., Omoike, A. **Ajani, E. K.** and Olanrewaju, A. N. (2011): Comparative grow performance and survival of monosex and mixed sex ratio of African mud catfish (*Clarias gariepinus* Burchell 1822) under culture system. *Nigerian Journal of Science* 45: 75 – 81.
- (62) **Ajani, E. K** and Akpoilih, B. U (2012): Growth response and ionic regulation in common carp (*Cyprinus carpio* L.) after chronic dietary copper exposure and recovery. *International Journal of Fisheries and Aquaculture* Vol. 4 (2), pp. 13- 21, 23. <http://www.academicjournals.org/IJFA>
- (63) Ayoola, S.O., Bassey B.O.; Alimba C.G. and **Ajani, E.K.** (2012): Textile effluent Induced effects and oxidative stress in *Clarias gariepinus* Paskitan *Journal of Biological Sciences* 10 : 3923- 3931. Asian Network for Scientific Information.
- (64) Folorunsho, S.B. and **Ajani, E.K.** (2012): Effect of Probiotic on Growth Response and Nutrient Utilization of *Clarias gariepinus*. *International Journal of Organic Research & Development. Volume 5:26 -36*
- (65) Folorunsho, S.B.; **Ajani, E.K.** and Ogunbanwo, S.T (2012): Biochemical Characterization of Lactic Acid Bacteria Isolated from Nile tilapia *Oreochromis niloticus* *International Journal of Organic Research & Development. Volume 5:76 – 97*
- (66) Omitoyin B. O, **Ajani E. K** and Sadiq H. O (2013) : Preliminary Investigation of *Tribulus terrestris* (Linn., 1753) Extracts as Natural Sex Reversal Agent in *Oreochromis niloticus* (Linn., 1758) Larvae. *International Journal of Aquaculture*, 2013, Vol.3, No.23, 133-137. <http://ija.sophiapublisher.com>

- (67) Oyebola O. O., Omitoyin B. O., Salako A. E., **Ajani E. K** and. Awodiran M. O (2013) Genetic differentiation and inheritance of random amplified polymorphic DNA (RAPD) markers in pectoral spine phenotypic sub-groups of *Clarias gariepinus*. *African Journal of Biotechnology* Vol. 12(37), pp. 5567-5576, <http://www.academicjournals.org/AJB>
- (68) Nwanna, L.C., **Ajani E. K** and. Bamidele S. F (2013): Use of Lactic Acid Bacteria from Nile tilapia *Oreochromis niloticus* as Probiotics for Sustainable Production and Improvement in Welfare of the Fish. *The Israeli Journal of Aquaculture - Bamidgeh, IJA* 66.2014.977, 11 pages.
- (69) Ayoola S.O, **Ajani E.K** and. Fashae O.F (2013): Effect of Probiotics (*Lactobacillus* and *Bifidobacterium*) on Growth Performance and Hematological Profile of *Clarias gariepinus* Juveniles. *World Journal of Fish and Marine Sciences* 5 (1): 01-08. ISSN 2078-4589
- (70) Oyebola O.O., Omitoyin B.O, Salako A.E. **Ajani E.K.** and Awodiran M.O. (2013) : Genetic and biochemical differentiation of pectoral spine variants in *Clarias gariepinus*. *International Journal of Modern Biological Research* 1 8-14. www.bluepenjournals.org/ijmbr
- (71) Adesina, B. T.; Omitoyin, B.O.; **Ajani, E.K.** and Adesina, O. A. (2013). Acute- Lethal toxicity (LC₅₀) effect of *Moringa oleifera* (Lam.) fresh root bark extract on *Oreochromis niloticus* juveniles under renewal toxicity exposure. *International Journal of Applied Agricultural and Apicultural Research* 9 (1 & 2): 182 – 188.
- (72) Omitoyin B.O.; **Ajani E.K.** and Osho, E. F. (2013). Genetic characterization of four strains of *Oreochromis niloticus* using Rapidly Amplified Polymorphic DNA (RAPD). *Nigerian Journal of Rural Extension and Development* 7 (9) June 2013 edition
- (73) Adesina, S. A., Falaye, A. E., Olusola, S. E. and Ajani, E. K. (2013): Growth performance and nutrient utilization of *Clarias gariepinus* juveniles fed graded levels of boiled sunflower (*Helianthus annuus* L) meal-based diets. *Wudpecker Journal of Agricultural Research* 2 (12): 342 -351
- (74) Jenyo-Oni A., **Ajani, E. K.**, Omitoyin, B. O., Akinwale, A. O., Fregene, B. T., Adeshinwa, A. O. K., Kareem, O. K., Osho, E. F. and Olojo, B. O. (2014): Biological factors and performance indicators under integration of fish poultry and rice production. *Journal of Tropical Forest Resources* 30 (2):
- (75) **Ajani E.K**, Kareem O.K, Osho E.F and Ekundayo O.O. (2014): Length-Weight Relationship And Condition Factor of *Macrobrachium vollenhovenii* in Asejire Lake. *Nigerian Journal of Ecology* 13:97-111.
- (76) Folorunso L.A. Falaye ., A.E. and **Ajani, E.K.** (2014). Predatory Size of Dragon Fly (*Palpopleura lucia* (Drury, 1773)) Nymphs on Guppy (*Poecilia reticulata* (Peters, 1859)). *Journal of Fisheries and Aquatic Science*, 9: 483-486.

- (77) Olasunkanmi, J.B., **Omitoyin, B. O.**, Ajani, E.K. and Adeyemi, J.A (2014): Pathological Alterations in the Organs of *Clarias gariepinus* fed Raw Velvet Beans. *Nig. J. Pure & Appl. Sci.* Vol. 27: 2578 - 2590
- (78) Akpoilih, B. U., **Ajani E.K.**, and Omitoyin B. O. (2015): Dietary phytase improves growth and water quality parameters for juvenile *Clarias gariepinus* fed soyabean meal-based diets. *Nigerian Journal of Fisheries* Vol. 12 (2): 945 – 961.
- (79) Falaye A.E, Opadokun I.O and **Ajani E.K** (2015): Survival and response of *Gymnarchus niloticus* Cuvier, 1829 fed natural and artificial diets. *International Journal of Fisheries and Aquatic Studies* 2(6): 156-158
- (80) Falaye A. E, Opadokun I. O and **Ajani E. K.** (2015): Seasonal variation in the length – weight relationships and condition factor of *Gymnarchus niloticus* Cuvier, 1829 in Lekki lagoon, Lagos state, Nigeria. *International Journal of Fisheries and Aquatic Studies* 2 (6): 159-162
- (81) Opadokun I.O and **Ajani E.K.** (2015): Some aspects of the reproductive biology of *Gymnarchus niloticus* Cuvier, 1829 (Knifefish) in Lekki Lagoon, Nigeria. *International Journal of Fisheries and Aquatic Studies* 2(3): 166-170
- (82) **Ajani, E. K.**, Olarenwaju A. N. and Kareem, O. K. (2015): Haematological and immunological changes in the blood of African catfish (*Clarias gariepinus*) reared under different sex combination. *Hematologia* 2015 ISSN 2224-1566 / DOI: 10.3923/hematol.2015
- (83) **Ajani, E. K.** and Balogun, K. J. (2015): Variability in Levels of Heavy Metals in Water and Fish (*Chrysichthys nigrodigitatus*) tissues from Badagry Creek, Nigeria. *Journal of Biology and Life Science* 6 (2): 193 – 207
- (84) Tijani, G. F., **Ajani, E. K.** And Agbede, S. A. (2015): Haematological responses of African catfish *Clarias gariepinus* Burchell, 1822, broodstock fed varying dietary levels of groundnut oil. *Nigerian Journal of Fisheries* Vol. 12 (2): 983 – 989
- (85) Tijani, G. F., **Ajani, E. K.** And Agbede, S. A. (2015): Groundnut oil supplementation effect on growth and reproductive performance of African catfish, *Clarias gariepinus* Burchell, 1822, broodstock. *Nigerian Journal of Fisheries* Vol. 12 (2): 975 – 982.
- (86) **Ajani, E. K.** and Setufe, S.B. and Oyebola O.O. (2015): Effects of stocking density on haematological functions of juvenile African catfish (*Clarias gariepinus*) fed varying crude protein levels. *African Journal of Food Science* 9 (2): 65-69
- (87) Balogun K. J. and **Ajani E. K** (2015). Spatial and temporal variations of phytoplankton pigments, nutrients and primary productivity in water column of Badagry Creek, Nigeria. *American Journal of Research Communication* 3 (7): 157-172

- (88) **Ajani E. K.** and Balogun K. J. (2015): Assessment of the impact of Abiotic factors on the fish assemblages in a tropical estuary creek. *Scientific Journal of Environmental Sciences* 4 (2): 72 – 88
- (89) Kareem O. K., **Ajani E.K.**, Orisasona O and Olanrewaju A.N. (2015): The Sex Ratio, Gonadosomatic Index, Diet Composition and Fecundity of African Pike, *Hepsetus odoe* (Bloch, 1794) in Eleyele Lake, Nigeria. *J. Fisheries Livest. Prod.*,3: 139.
- (90) Opadokun I.O., Falaye A. E. and **Ajani E. K.**(2015): Seasonal Variation in Physicochemical Parameters of Lekki Lagoon and the Conservation of Its *Ecosystem*. *Journal of Geoscience and Environment Protection* 3,:11-17
- (91) Falaye A.E, **Ajani E.K.**, Kareem O.K. and Olanrewaju A.N. (2015): Assessment of Ichthyofaunal Assemblage of Erelu Reservoir, Oyo, Nigeria. *Ecologia* 5 (2): 43 – 53.
- (92) **Ajani E. K.**, Orisasona O. and Jenyo-Oni A. (2015). Growth and Economic Performance of *Clarias gariepinus* Fry Reared at Various Stocking Densities. *Journal Fisheries Livestock Production* 3 (2): 1 – 3. <http://dx.doi.org/10.4172/2332-2608.1000136>
- (93) Orisasona, O. and **Ajani E. K. (2015).** The growth and mineral utilization of *Clarias gariepinus* fingerlings fed phytase-supplemented toasted Lima bean (*Phaseolus lunatus*) diets. *Aquaculture Research and Development* 6 (9): 1- 4. <http://dx.doi.org/10.4172/2155-9546.1000361>
- (94) Falaye, A. E, Elezuo, K. O., **Ajani E. K.** and Omoike A. (2016): Digestibility And Nutrient Utilization Of Differently Processed Tropical Almond (*Terminalia Catappa*) Kernel Meal And Cake Based Diets By *Clarias gariepinus* Juveniles. *Journal of Agriculture, Science and Technology* 17 (1): 1 – 19.
- (95) Akpoilih B.U., **Ajani E. K.** and Omitoyin B. O. (2016): Optimum Dietary Ca/P Ratio and Phytase for Growth and Bone Mineralization in Juvenile *Clarias gariepinus* Fed Soya Bean-Based Diet. *J Aquac. Res Development* 7 (2): 1 – 11
- (96) **Ajani, E. K.**; Orisasona, O.; Omitoyin, B. O. (2016): Comparision of bacterial Flora and frequency of occurrence in water and *Clarias gariepinus* raised in ponds fertilized with raw with poultry manure. *Journal of Fisheries Sciences Com* 10 (1): 16 – 21
- (97) Olanrewaju A. N., Kareem O. K. And **Ajani E. K.** (2016): Comparative Study Of Growth Performance And Survival Of African Catfish (*Clarias gariepinus*, Burchell 1822) Fry In Indoor And Outdoor Concrete And Hapa Culture System. *Journal of Fisheries Sciences Com* 10 (1): 27 – 30.
- (98) **Ajani E.K.**, Orisasona, O., Omitoyin B.O and Osho, E.F. (2016). Total replacement of fishmeal by soybean meal with or without methionine fortification in the diets of nile tilapia, *Oreochromis niloticus*. *J. Fish. Aquat. Sci.*, 11: 238-243

- (99) Akpoilih B.U., Omitoyin B. O and **Ajani E. K.** .(2016) Effect of Microbial phytase on phosphorous availability and growth of juvenile *Clarias gariepinus* fed different processed soayabean –based diets. *Journal of Aquatic Science* 31 (1): 21- 27
- (100) Akpoilih B.U., Omitoyin B.O. and **Ajani, E.K.** (2016). Dietary Microbial Phytase Improves Growth, Phosphorus Digestibility and Serum Phosphorus, but not Bone Mineralization, in Juvenile *Clarias gariepinus* Fed Roasted and Oil-pressed Groundnut-Based Diet. *Journal of Fisheries and Aquatic Science*, 11: 108-130.
- (101) Adeshina, I., Jenyo-Oni, A., **Ajani, E.K.** and Adewale, Y.A. (2016): Natural Occurrence of *Diplostomum Spp.* In Farm Raised African Catfish (*Clarias Gariepinus*) In Oyo State *International Journal of Veterinary Science and Medicine* 5(2):1-8.
- (102) Akanmu, O. A., **Ajani, E. K.**, Omitoyin, B. O., Emikpe, B. O. and Ogunbanwo, S.T. (2016): Organ bacteriological dynamics in *Heterobranchus bidorsalis* Juveniles fed diets fortified with *Lactobacillus fermentum*, *Saccharomyces cerevisiae* and their combination. *Bull. Anim. Hlth. Prod. Afr.* 64: 483 – 491
- (103) Orisasona O. .,Falaye A. E, Ajani E. K.and Kareem O. K. (2016): Effect of replacement of soyabean with lima bean (*Phaseolus lunatus*) meal on growth and hematological parameters of *Clarias gariepinus* juveniles Burchell, 1822. *Journal of Aquatic Sciences* Vol. 26 (2A): 229 - 240
- (104) Akanmu, A. O., Emikpe, B. O., Omitoyin, B. O., Ajani, E. K. and Alao, S. O. (2016): Evaluation of the wound healing potential of the diets fortified with *Lactobacillus fermentum*, *Saccharomyces cerevisiae* and their combination in *Heterobranchus bidorsalis* juveniles. *Zoology and Ecology* Vol. 26 (4): 323 – 330.
- (105) Adeshina, I. Jenyo-Oni, A. **Ajani, E. K.**, Emikpe B. O. and Alao S O. (2017): The effect of fresh leaf *Ocimum gratissimum* and Dried buds *Eugenia caryophyllata* extracts on the tissues bacteriological changes of *Clarias gariepinus* juveniles. *Bulletin of Animal Health and Production in Africa* 65 (1) :191-199
- (106) Akpoilih B.U., Omitoyin B.O. and **Ajani, E.K.** (2017).. Phosphorous utilization in juvenile *Clarias gariepinus* fed phytase- supplemented diets based on soya bean (oil-extracted) and full-fat (roasted): a comparision. *Journal of Applied Aquaculture* Vol 29 (2): 126 - 151
- (107) Omitoyin, B. O., **Ajani, E. K.**, Okeleye O. I., Akpoilih, B. U. and Ogunjobi, A. A. (2017): Biological treatment of fish farm effluent and its reuse in the culture of Nile Tilapia *Oreochromis niloticus*. *Journal of Aquaculture Research and Development* Vol 8 (2): 1 – 9.
- (108) Iriobe, T, **Ajani, E. K.**, Ibrahim R. Gana A. B and Adegbite M. A. (2018):

- Growth Performance and survival Rate of Juvenile Catfish (*Clarias gariepinus*) Fed processed Catfish offal diet. *Greener Journal of Agricultural Science* 8:160 -1 66.
- (109) Molisen, Abdel –Tawab, Adeshina I. Jenyo-Oni, Adetola, **Ajani, E. K** and Emikpe, B. O. (2018). Growth, Physiological, antioxidants and Immune response of African Catfish *Clarias gariepinus* to dietary clove basil, *Ocimum gratissimum* leaf extract and its susceptibility to *Listeria inonocytoenes* infection. *Fish and Shellfish Immunology* Vol. 76: 346-354.
 - (110) Adesina, I, Jenyo-Oni Adetola, Emikpe B. S and **Ajani, E. K.** (2018). Effect of Solvent on Phytoconstituent and Antimicrobial Activities of *Ocimum gratissimum* and *Eugenia caryophyllata* extracts on *Listeria monocytogenes*. *Acta Vet. Eurasia* 44: 31 – 38.
 - (111) Adeshina, I. Jenyo-Oni Adetola, Emikpe, B, **Ajani, E. K.** and Abdel-Tawab, Moshen (2018). Stimulatory effect of dietary clove, *Eugenia caryophyllata*, bud extract on growth performance, nutrient utilization, Antioxidant capacity and tolerance of African catfish *Clarias gariepinus* (B.) to *Aeromonas hydrophilla* infection. *Journal of World Aquaculture Society* 10: 1 – 16.
 - (112) Falaye, A. E., **Ajani, E. K.**, Emikpe B. O. Folorunso L. A. (2018). Incidence and prevalence of naturally occurring fungi on palm kernel sludge and its attendant in vitro digestibility. *International Food Research Journal* 25(4): 1758 – 1665.
 - (113) Adeshina I., Emikpe, B. O. Jenyo-Oni Adetola and **Ajani E. K.** (2018). Distribution factors associated with occurrence of *Listeria monacytogenes* in table size African catfish pond water and sediment in two ecological zones in Nigeria. *Journal of Applied Biological Sciences* 12(3): 14 – 20.
 - (114) Kareem, O. K., **Ajani E. K.**, Omitoyin B. O., Olanrewaju A. N. Orisasona O. and Osho F. E. (2018). Spatial and temporal Limnological status of Erelu Reservoir, Southwestern Nigeria. *Ife Journal of Science* 20(3) 509-518.
 - (115) Omitoyin B. O, **Ajani, E. K.**, Falaye A. E., Olajide O. A., Oyesola, O. B., Ihenyen, H. E. Chimatiro S. K. and Okeleye, I. O. (2018). Analysis of the Market structure of smoked and dried fish in Kainji-inland fisheries and the stated along the Nigeria-Niger border. *Bulletin of Animal Health and production in Africa* special Edition 2018. Fish trade and marketing for food security and livelihoods in Africa: 199 – 214.
 - (116) **Ajani, E. K.**, Omitoyin, B. O., Falaye, A. E, Oyesola, O. B., Olajide, O. A, Ojo, D. O., Okeleye, I. O. and Chimatiro, S.K. (2018). Fish trade market structure along Nigeria-Cameroon-Chad border nodes. *Bulletin of Animal Health and production in Africa* special Edition 2018. Fish trade and marketing for food security and livelihoods in Africa: 216 – 245.

- (117) Falaye, A. E., **Ajani, E. K.** Omitoyin, B. O. Oyesola, O. B., Olajide, O. A., Chimatiro, S.K. and Okeleye, I.O. (2018). Value chain analysis of fish trade along Nigeria-Benin border. *Bulletin of Animal Health and production in Africa* special Edition 2018. Fish trade and marketing for food security and livelihoods in Africa. 215 – 244.
- (118) Kalu, O. E., Falaye, A. E., Omoke A., **Ajani, E. K.**, Obute C. U., (2018). Growth performance *clarias gariepinus* fed graded levels of roasted tropical almond kernel meal based diets. *Journal of Biology, Agriculture and Health care* Vol 8: (22). 46-54.
- (119) Akanmu, O. A., Omitoyin, B. O. and **Ajani, E. K.** (2018). Haematological parameters of *Heterobranchius bidorsalis* juveniles stocked at different densities and fed probiotic diets. *Journal of the Association of Nigeria Fisheries Scientists* Vol. 1: 57-66.
- (120) Adeshina, I., Jenyo-Oni, A., Emikpe, B.O. and **Ajani, E.K.**, 2018. Effect of Solvents on Phytoconstituents and Antimicrobial Activities of *Ocimum gratissimum* and *Eugenia caryophyllata* Extracts on *Listeria monocytogenes*. *Acta Vet Eurasia* 44: 31-38
- (121) Falaye, A. E., **Ajani, E. K.**, Omoike, A. and Akande, O. S. (2019): Performance evaluation of Integrated Aquaculture of Catfish, Pig and Rice. *Advances in Life Science and Technology*, Vol. 71: 24 – 27.
- (122) Akpoilih B.U., Omitoyin B.O. and **Ajani, E.K.** (2019). Effect of Microbial Phytase on Nutrient Availability and Growth of Juvenile *Clarias gariepinus* Fed Soyabean and Groundnut-based Diets. *Annual Research & Review in Biology*, 31(4), 1-21.
- (123) Atidana, S. A., Fagbola. O., **Ajani, E. K.** , Alhassan, E. H. and Ampofo-Yeboah, A. (2019). Coping with climate variability and non-climate stressors in the West African Oyster *Crassostrea tulipa* fishery in coastal Ghana. *Maritime Studies* 132: 1 – 8.
- (124) Omitoyin B. O., **Ajani E. K.**, Orisasona O, Bassey H. E, Kareem K. O, Osho F. E. (2019). Effect of guava *Psidium guajava* (L.) aqueous extract diet on growth performance, ntestinal morphology, immune response and survival of *Oreochromis niloticus* challenged with *Aeromonas hydrophila*. *Aquaculture Research* 2019. 50:1851–186.
- (125) Osho, F.E., Jenyo-Oni, A., **Ajani, E. K.**, Okpokpo A. N. and Okeke, E. O (2019). Skin and Gut Microbiota of the African Snakehead, *Parachanna obscura*, Gunther, 1861 from River Ogun, Southwest Nigeria. *Ife Journal of Agriculture*, Volume 32, Number 2:67 -78
- (126) Osho, F. E., **Ajani, E. K.**, Orisasona, O. and Obafemi, T. (2019) Replacement of Fishmeal with Clariid Fish Offal in the Diet of African Catfish, *Clarias gariepinus* (Burchell, 1822) Juveniles. *Nigerian Journal of Fisheries and Aquaculture* 7(1): 40 – 48
- (127) Oluwafemi Babatunde Oduntan, **Emmanuel Kolawole Ajani**, Bamidele Oluwarotimi Omitoyin (2019). Optimisation of loading capacity of smoking kiln on drying characteristics of Catfish (*Clarias gariepinus*). *Agricultura Tropica et Subtropica*, 52/1, 9–17

- (128) Ibrahim Adeshina, Benjamin O. Emikpe, Adetola Jenyo-Oni, **Emmanuel K. Ajani**, Musa I. Abubakar (2019) Growth performance, gut morphometry and innate immune profiles of common carp, *Cyprinus carpio* juveniles fed diet fortified with *Mitracarpus scaber* leaves extract and its susceptibility to pathogenic bacteria, *Aeromonas hydrophila* . *Acta Biologica* 26: 5–17
- (129) **Ajani E. K.**, Fregene B. T., and Onada O. A. (2020). Comparative analysis of production performance in integrated aquaculture system and single system of production of fish, rice, poultry and pig. *Int J Aquac Fish Sci* 6(3): 074-081.
- (130) Adejonwo, O. A., Omitoyin, B. O., **Ajani, E. K.**, Ogunwole, O. A., Omitoyin, S. A. (2020): Growth, gut morphology and microflora of African catfish *Clarias gariepinus* fed mushroom (*Pleurotus pulmonarius*) stalk meal supplemented diets. *Croatian Journal of Fisheries*, 78, 79-90.
- (131) Ibrahim Adeshina, Benjamin O. Emikpe, Mohsen Abdel-Tawwab, Adetola Jenyo-Oni, **Emmanuel K. Ajani** and Musa I. Abubakar (2020) Dietary clove (*Eugenia caryophyllata*) buds extract stimulates the healing of artificially wounded African catfish (*Clarias gariepinus* B.) juveniles, *Journal of Applied Aquaculture*, DOI: [10.1080/10454438.2020.1757009](https://doi.org/10.1080/10454438.2020.1757009)
- (132) Orisasona O, **Ajani E. K.**, Babatunde S., Omitoyin B. O., Osho E. F. and O. K. Kareem (2020). Operational Characteristics and Financial Performance of African Catfish Hatcheries Under Different Management Systems in Ibadan, Nigeria. *Afr. J. Food Agric. Nutr. Dev.* 20(3): 15709-15722
- (133) **Ajani, E. K.**, Emikpe, B. O., Temitope, O. S., Setufe, S. B., 2020. Wound-healing Potentials of Dietary *Lactobacillus plantarum* and *Psidium guajava* leaf meal in *Clarias gariepinus* Juveniles. *Acta Vet Eurasia*, DOI: 10.5152/actavet.2020.19008
- (134) **Ajani, E. K.**, Orisasona, O., Kareem, O. K., Osho, F. E., Adeyemo, A. O., Omitoyin, B. O. and Adeganmbi, A. O. (2020): Growth performance, gut ecology, immunocompetence and resistance of *Oreochromis niloticus* juveniles fed dietary *Curcumin longa*. *Croatian Journal of Fisheries*, 78, 145-156
- (135) Osho, F. E., Omitoyin, B. O. and **Ajani, E. K** (2020). Haematology, Serum Biochemistry and Condition Factor of the African Snakehead Fish, *Parachanna obscura* From Nigeria's Hydrologic Areas. *Ife Journal of Science* 22, (3): 75 – 83
- (136) Akanmu O. A., Omitoyin B. O., **Ajani, E. K.** and Emikpe B. O. (2020): Effects of dietary *Lactobacillus fermentum* and *Saccharomyces cerevisiae* on the growth performance, hematological parameters, organ-somatic indices, and protection of *Heterobranchius bidorsalis* juveniles against *Aeromonas hydrophila* infection, *Journal of Applied Aquaculture*, DOI: 10.1080/10454438.2020.1845274

- (137) Setufe S.B., Ajani E.K. and Emikpe B.O. (2021). Antibacterial Potentials of *Lactobacillus plantarum* from Fermented Food Origin as Probiotic Candidate in the Treatment of African Catfish (*Clarias gariepinus*) Bacterial Diseases. *Afr. J. Biomed. Res.* 24; 427- 433
- (138) Friday Elijah Osho, Bamidele Oluwarotimi Omitoyin, **Emmanuel Kolawole Ajani**, Victor O. Azuh, Adedapo Olutola Adediji,(2021) Mitochondrial cytochrome oxidase 1 reveals genetic diversity of the African Snakehead fish *Parachanna obscura*, Gunther, 1861 Nigeria's freshwater environment, *Aquaculture and Fisheries*, 6 <https://doi.org/10.1016/j.aaf.2021.08.007>
- (139) Adejonwo O. A., Omitoyin B. O., Ogunwole O. A., **Ajani, E. K.**, Omitoyin, S. A. (2021). Chemical characterisation and in vitro assessment of two mushroom stalks as prebiotics for *Clarias gariepinus* (Burchell, 1822). *Agricultura Tropica et Subtropica*, 54 OV, 104–115
- (140) Balogun, K. J., & **Ajani, E. K.** (2021). Assessment of zooplankton community in an anthropogenic disturbance coastal creek, southwest Nigeria. *Archives of Agriculture and Environmental Science*, 6(2), 160-169, <https://dx.doi.org/10.26832/24566632.2021.060207>
- (141) Balogun K. J., Kareem O. K. and **Ajani E. K.** (2021). Trace Metals in Selected Fish Species from Five Cowries Creek, Southwest Nigeria: Consumer Safety Assessment. *Asian Journal of Fisheries and Aquatic Research* 12 (6): 38-48
- (142) Ikwuemesi J. C. , **Ajani E. K.** and Emikpe B. O. (2021). Viability of Different Strains of *Lactobacillus fermentum* in Feed and Effects on Growth Performance of *Clarias gariepinus* Fry. *Journal of Aquatic Sciences* 35 (2): 181 -193
- (143) Ibrahim Adeshina, Lateef O. Tiamiyu, Benjamin U. Akpoilih, Adetola Jenyo-Oni, **Emmanuel K. Ajani**, (2021) Dietary *Mitracarpus scaber* leaves extract improved growth, antioxidants, non-specific immunity, and resistance of Nile tilapia, *Oreochromis niloticus* to *Gyrodactylus malalai* infestation, *Aquaculture*, 535, 736377, ISSN 0044-8486, <https://doi.org/10.1016/j.aquaculture.2021.736377>.
- (144) Omitoyin, B. O., **Ajani, E. K.**, Orisasona, O., Osho, F. E. and Olaoluwa, M. O. (2021). Toxicity of Zinc and Copper on *Heterobranchius bidorsalis* Geoffroy Saint-Hilaire, 1809 Juveniles. *Renewable Journal* 1: 1 -17 (2021)
- (145) Friday Elijah Osho, Bamidele Oluwarotimi Omitoyin, **Emmanuel Kolawole Ajani**, Olugbenga Orisasona, Oladeji Kazeem Kareem and Adetola Jenyo-Oni (2022). Morphometric and Meristic Variation of African Snakehead Fish *Parachanna obscura*, Günther, 1861 from Nigeria's Freshwater Environment. *Journal of Fisheries and Environment* 46 (1). 54 – 65
- (146) Titilayo Hassan, **Ajani, E. K.**; Osho, F. E. Munguti, J., Adekanmbi A. O. and Awoyemi,

- E. I. (2023). In-vitro Antibacterial Potentials of Essential oil from Citrus limon against Selected Pathogenic Bacteria Isolated from Cultured Nile Tilapia. *Asian Journal of Fisheries and Aquatic Research* 24 (4), 10-20.
- (147) Y. A. Sunday, Adetola Jenyo-Oni and **Ajani, E. K.** (2023). Aquatic Macrophyte Dynamics of Eleyele Lake, Ibadan, Nigeria. *Polish. Journal of Natural Science*. Vol 36(3): 299–319
- (148) Friday Elijah Osho, Bamidele Oluwarotimi Omitoyin, **Emmanuel Kolawole Ajani**, Victor O. Azuh, and Adedapo Olutola Adediji (2023). Mitochondrial cytochrome oxidase 1 reveals genetic diversity of the African Snakehead fish *Parachanna obscura*, Gunther, 1861 from Nigeria's freshwater environment. *Aquaculture and Fisheries* 8 (2023) 59–66
- (149) Okunade O.A., Ajani E. K., Adejinmi J. O., Oladosu G .A. and Adeogun O. A. (2023) Investigation of Parasitic Crustacean in the Culture Management of *Clarias gariepinus* in Lagos Fish Farms. *Alexandria Journal of Veterinary Sciences* 76(1): 127-132
- (150) Okunade O.A., Oladosu G .A, Ajani E. K., Adejinmi J. O.,. and Adeogun O. A. (2023) Histopathological Assessment of Infested Farmed *Clarias gariepinus* at Various Developmental Stages in Different Culture Management Systems. *Alexandria Journal of Veterinary Sciences* 77(1): 1-11.
- (151) Okunade, O. A., E. K. Ajani, J. O. Adejinmi, and G. A. Oladosu (2023). First Report and Prevalence of Sessile Ciliate (*Vorticella sp.*) In Cultured *Clarias gariepinus* in Nigeria. *Nigerian Journal of Fisheries* Vol. 18, No. 2; 2257 - 2262.
- (152) Ajibade O. A., **Ajani, E. K.**, Obisesan, O. and Adelakun O. M. (2024). Susceptibility of *Lymnaea natalensis* and *Oreochromis niloticus* juveniles to the Root-Extract of *Petiveria alliacea* As a Risk Barometer in Aquaculture. *Nigerian Journal of Animal Production* 50(6):38-48
- (153) Jeremiah Olanipekun Jimoh, Sharifah Rahmah, Bamidele Oluwarotimi Omitoyin, **Emmanuel Kolawole Ajani**, Mohamad Jalilah, Victor Tosin Okomoda, Donald Torsabo, Abiola Ayodeji Fabusoro, Yu Mei Chang, Young-Mao Chen, Hon Jung Liew (2024). Growth performances of *Clarias gariepinus* juveniles fed with Jatropha curcas seed meal, *Aquaculture Reports*, Volume 39, 102433, ISSN 2352-5134,
- (154) ONUOHA Stanley Obialo, **AJANI Emmanuel Kolawole**, JENYO- ONI Adetola (2024), Assessment of the Proximate and Mineral Compositions of Moringa Oleifera Leaf Extracts, the Carcass and Eggs of African Clariid Catfish, *Heterobranchus bidorsalis*. *International Journal of Innovative Science and Research Technology* 9 (5) 2230-2240. DOI: 10.38124/ijisrt/IJISRT24MAY1640..
- (155) ONUOHA Stanley Obialo, **AJANI Emmanuel Kolawole**, JENYO- ONI Adetola (2024). Phytochemical Screening of Moringa oleifera Leaf Extracts under Different Solvents. *International Journal of Aquaculture and Fisheries Science*. 10 (4):066-072. doi : [10.17352/2455-8400.000096](https://doi.org/10.17352/2455-8400.000096)

- (156) Olugbenga, O., **Ajani, E. K.**, Omitoyin, B., Jenyo-Oni, O., Osho, E., Kareem, K., Youssouf, T., & Adekanmbi, A. (2024). Bacterial-resistance, growth and immune competence of *Oreochromis niloticus* fed *Lactobacillus fermentum*. *Ethiopian Journal of Science and Sustainable Development*, 11(1), 85-97. <https://doi.org/10.20372/ejssdastu.v11.i1.2024.716>
- (157) Iyapo, K. A., Omitoyin, B. O., **Ajani, E. K.**, Kareem, O. K., & Adewole, A. M. (2025). Composition of Defatted and Non-Defatted Black Soldier Fly Larvae Meal: Alternative for Fish Feeds. *Direct Research Journal of Agriculture and Food Science*, 13(1), 151–159.
- (158) Osho, F., **Ajani, E.**, Ekwerike, A., Hassan, T., & Awoyemi, I. (2025). Genotoxicity and Oxidative Stress in *Heterobranchius bidorsalis* Exposed to Cadmium. *Egyptian Journal of Aquatic Biology and Fisheries*, 29(6), 1859-1873. doi: 10.21608/ejabf.2025.430601.6824
- (159) Balogun, K. J., Fashade, A., & **Ajani, E. K.** (2025). Metals contamination and its ecological risk assessment in the coastal sediments of Badagry Creek, *Nigeria*. *Archives of Agriculture and Environmental Science*, 10(3), 393-400, <https://dx.doi.org/10.26832/24566632.2025.100301>
- (160) Seyramsarah Blossom Setufe, **Emmanuel Kolawole Ajani**, Benjamin Obukowho Emikpe, Samuel Temitope Ogunbanwo, Patrick Senam Kofi Fatsi, Berchie Asiedu, Andrews Apraku, Sajjad Pourmozaffar, Ibrahim Adeshina,(2025). Gut microflora, gut morphometry and haemato-biochemical analyses of juvenile *Clarias gariepinus* fed dietary *Lactobacillus plantarum* and guava (*Psidium guajava*), *Aquaculture Reports*, Volume 45,2025,103120,ISSN 2352-5134,<https://doi.org/10.1016/j.aqrep.2025.103120>.
- (161) **Ajani, E. K.**, Orisasona, O., Jenyo-Oni, A., Omitoyin, B. O., Kane, A., Adekanmbi, A. O., & Kareem, K. O. (2025). Growth, gut dimension, immune response and resistance to *Aeromonas hydrophila* in Nile Tilapia (*Oreochromis niloticus*) fed Onion (*Allium cepa*. L.): Onion Effects on Tilapia Growth & Immunity. *Biotechnia*, 27, e2622. <https://doi.org/10.18633/biotechnia.v27.2622>
- f) Books, chapters in books and Articles already accepted for publication Nil
- g) Technical Reports and Monographs
- (162) **Ajani, E. K.** (2008) : Republic of Uganda Fisheries Development Project - An Annex to the Fisheries Development Project Mid–Term Review Report. Technical report presented to African Development Bank (AfDB), Tunis, Tunisia. 10 April – 06 May 2008. 80pp
- (163) **Omitoyin B. O;** Ajani E. K and Akinwande. O. (2002): Fish Hatchery management and Health. An invited technical paper delivered at fish Health Management Workshop Organize by Fisheries society of Nigeria (FISON) at Conference centre, University of Ibadan, Ibadan. 21st–26thOctober 2002. 16p.

- (164) Wilson, E.; Egunjobi, J. K.; Awomeso, J. A., **Ajani, E. K.** and Akindele, S. O. (2001): Micro-Watershed and Environmental Management Programme (MEMP). Environmental Assessment Study of Imo State. **World Bank Funded Study.** Commissioned Technical report prepared on behalf of Geomatics Nigeria – Presented to Federal Ministry of Environment, Abuja, Nigeria. October 2001. 89pp
- (165) Falaye, A. E.; Olaniran, T.S. and **Ajani, E. K.** (2002): National Fadama Development Project (NFDP2). Fisheries Component of the environmental and Social Assessment (EA/SA) in the Southern Zones of Nigeria. **World Bank Funded Study.** Technical report submitted to Federal Ministry of Agriculture, Abuja, Nigeria. 33pp.
- (166) Okunlola, J.O.; **Ajani, E.K.** and Adekunle V.A.J. (2007): Bayelsa state baseline studies for participating communities in Local Empowerment and Environmental Management Programme (LEEMP) – Volume 1. Technical report prepared on behalf of Geomatics Nigeria and presented to Bayelsa LEEMP. 80pp.
- (167) Falaye, A.E; **Ajani, E.K.**; Olaniran, T. S.; Fregene B.T. and Jenyo-Oni, A. (2007). Assessment of Fisheries potentials of Igabara – Oke dam, Ondo State, South western, Nigeria. Technical report presented to Federal Department of Fisheries, Nigeria. 80p
- (168) Falaye, A.E; Olaniran, T. S.; **Ajani, E.K.** and Odebode, S.O. (2007). Assessment of Fisheries potentials of Ede Lake, Oyo State, South western, Nigeria. Technical report presented to Federal Department of Fisheries, Nigeria. 85pp.
- (169) Okunlola, J.O.; **Ajani, E.K.** and Adekunle V.A.J. (2007): Bayelsa state baseline studies for participating communities in Local Empowerment and Environmental Management Programme (LEEMP) – Volume 1. **World Funded Study.** Technical report submitted to Geomatics Nigeria. 80pp.
- (170) **Ajani E.K.** (2009): Water quality requirements and measurements in cage culture. In Workshop on Capacity Building in Cage culture management in Nigeria (Federal Department of Fisheries and University Consultancy service). 15 - 22pp.
- (171) **Ajani E.K.** (2009): Species selection in Cage culture. In Workshop on Capacity Building in Cage culture management in Nigeria (Federal Department of Fisheries and University Consultancy service). 30 – 38pp.
- (172) **Ajani, E. K.** (2011): Ecological Assessment of the Health status of River Ogun and Yewa, Nigeria. In: River Health Status of Ogun and Yewa River. Technical Paper submitted to Ministry of Water Resources – Nigeria River Basin Authority Abuja. 32pp. February, 2011

- (173) **Ajani, E. K.** and Akinwale A. O. (2011): Prevalence of farm raised catfish diseases in Nigeria. Technical Paper submitted to Federal Department of Fisheries, Abuja, Nigeria. 44pp. May, 2011.
- (174) Ayodele, I. A. and **Ajani, E. K.** (1999): *Essentials of fish farming*. Odua Publishing Co. Ibadan. 60pp.
- (175) Omitoyin B.O., **Ajani E.K.** and Nwanna L.C. ed. (2013): *Training Manual for Fish Farmers under integrated fish cum poultry and rice culture*. 123pp. Walecrown Ventures Ibadan.
- (176) Omitoyin, B. O, **Ajani, E. K.** and Akinwale, A. O. ed. (2013): *Integrated Fish Farming: Fish, Rice and Pig*. Printplace Concepts Ibadan 106pp
- (177) Omitoyin, B. O, **Ajani, E. K.** and Akinwale, A. O. ed. (2015): *Entrepreneurship Development training in Aquaculture Bussiness*. Printplace Concepts Ibadan. 138pp

11. REFEREES

- (a) Professor A. E. Falaye
Department of Aquaculture and Fisheries Management
University of Ibadan, Nigeria.
- (b) Professor S. O. Akindele
Department of Forestry and Wood Science
Federal University of Technology,
Akure, Nigeria.
- (c) Professor Labode Popoola
Department of Social and Environmental Forestry
University of Ibadan



Professor E. K. Ajani