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| Parasitology B

**Degrees**

MPhil (University of Ghana, Legon / in (field Sociology), B.A. (ART) Degree

**Active Affiliations**

- Ghana Science Association, Sociology
- African Technology Policy Studies Network (ATPS)
- African Women Leaders in Agriculture and
- Chartered Institute of Purchasing and Supply

Environment (AWLAE)Research Staff

**PROFILE**

MPhil Environmental Sociology / Research Scientist in environmental and rural research on livelihood and impact of human settlement on the environment with the Council for Scientific and Industrial Research (CSIR) Water Research Institute. She was the Head of Division for the Scientific Secretariat of the Commercialization and Information Division from the year 2007-2012. Head of Scientific Secretariat of the Commercialization and Information Division. A Graduate Teaching Assistant at Legon Sociology Department from 2006-2007. Maria was a facilitator at the Women Advancement Forum International Exchanges, Research & Academia (WAFIRA) for "Situation Analysis on Gender Resources Control"; Analytical Framework for Data Collection and Analysis. In 2006 she had a CGIAR Challenge Program on Water and Food, No.34 Award a partial Grant and in 2004 a Winrock International Grant (Partial) from the African Women Leaders in Agriculture and Environment (AWLAE) also partial award. She won a Spanish Government (UNESCO) a one and a half years award of \$100.00 as the hunter for project on Sustainable Management of Lake Bosomtwe in the Ashanti Region of Ghana, Hydrology, Water Quality and Anthropology. She is a member of Women Advancement Forum International Exchanges, Research & Academia WAFIRA and the African Women in Agriculture Research and Development (AWARD) and other affiliations. She has written several articles some could be found at "ResearchGate".

### **Research Interests:**

Her research interest is in Water Governance, Traditional or Local Knowledge in resources conservation, Geographical planning, social issues in water degradation, fisheries development and the environment. Other areas of interest are in the role of woman in water related issues and their today's coping strategies. Her main interest is in understanding social issues or social institutions through participatory research, where technologies would be developed in relation to the local systems and environment to be acceptable and practical for end users, to help improve on our waterbodies and the environment.

### **Current Research**

Water pollution, Indigenous / Traditional Knowledge and Water Governance or Policy and implementation. Current completed research project on, Indigenous Knowledge in Freshwater Governance. It examines the structures and institutional structures in water governance taking into consideration challenges leading to the deterioration of freshwater. A case study of Lake Bosomtwe in the Ashanti Region of Ghana. The largest natural lake in West Africa and the third largest in the world. It is very rich in aquatic biodiversity of global and national significance and

one of the major sources of livelihood for 24 communities living in and around the Lake's catchment area, and I am currently working on the underlying principles in indigenous knowledge towards the sustainability of water governance.

## **Publications**

1. Addico Gloria<sup>1\*</sup>, Amu-Mensah Frederick K.<sup>1\*</sup>, Akrong Mark O. , **Amu-Mensah Marian A.** and Darko Humphrey Phytoplankton Species Diversity and Biomass and its Impact on the Sustainable Management of Lake Bosomtwe in the Ashanti Region of Ghana; African Journal of Environmental Science and Technology Vol. 12(10), pp. 377-383, October 2018 DOI: 10.5897/AJEST2017.2458 Article Number: 55E730158801 ISSN: 1996-0786  
<http://www.academicjournals.org/AJEST>
2. Marian Adwowa Amu-Mensah<sup>1</sup>, Barima Antwi<sup>2</sup>, Frederick AmuMensah<sup>1\*</sup> Freshwater governance; Case of Lake Bosomtwe in the Ashanti Region of Ghana International Journal of Development and Sustainability ISSN: 2186-8662 – [www.isdsnet.com/ijds](http://www.isdsnet.com/ijds) Volume 7 Number 1 (2018): Pages 281-295 ISDS Article ID: IJDS17113001
3. Marian A. Amu-Mensah<sup>\*</sup>, Frederick K. Amu-Mensah, Mark O. Akrong, Humphrey Darko, Gloria Addico, Significance of Lake Bosomtwe as a freshwater resource in Ghana; communities' perception International Journal of Development and ISSN: 2186-8662 – [www.isdsnet.com/ijds](http://www.isdsnet.com/ijds) Volume 6 Number 10 (2017): Pages 1305-1318 ISDS Article ID: IJDS17081001
4. Marian Adwowa Amu-Mensah, Frederick K. Amu-Mensah, Edward K. Abban, (2014b); Social Institutional Influence on Fisheries in Two Fishing Communities in the Volta Lake in Ghana. Sociology Mind, 2014,
5. Marian Adwowa Amu-Mensah, Frederick K. Amu-Mensah, Nelson Obirih-Opareh (2014a); Perspective of the Economy Situation in the Fishing Industry of the Volta Basin in Ghana: Case Study of Dzemeni and Kpando-Torkor. Sociology Mind, 2014, 4: 93-106.
6. UNESCO Accra Office, Government of Ghana, Asantehene's Office, Sustainable Management of Lake Bosomtwe in the Ashanti Region of Ghana: Hydrology, Water Quality and Anthropological Factors, Final Report (June 2014), with funding from Spanish Government Funds-in-Trust
7. Adwowa Amu-Mensah<sup>1</sup>, Paul Kofi Andoh and E. K. Abban (2013), The nature of economic institution in In-land fishing communities of the Lower Volta. Vol. 5(3), pp. 66-77, IJSA11.122
8. Marian Amu-Mensah, Dr. S. Dapaah-Siakwan, September 2011 CSIR Water Research Institute, Organisational Culture Report 2011
9. Joseph A. Ampofo, **Marian Amu-Mensah**, Sylvia Amponsah (2010) A Study of the Council for Scientific and Industrial Research Workplace Policy on HIV/AIDS for UNESCO Accra Ghana  
[http://hivaidsclearinghouse.unesco.org/search/mat\\_long.php?onglet+=0&ret=index.php&lang=en&fiche=719](http://hivaidsclearinghouse.unesco.org/search/mat_long.php?onglet+=0&ret=index.php&lang=en&fiche=719)
10. December 2010, Marian Amu-Mensah, Dr. Y Opoku-Ankomah, History and Major Achievements of CSIR Water Research Institute: ISBN: 9964-85-257-6
11. November 2010, A study of Council for Scientific and Industrial Research Policy on HIV/AIDS IN COLLABORATION WITH UNESCO ACCRA GHANA by Dr. Joseph K Ampofo, Marian Amu-Mensah and Sylvia Amponsah
12. November 2008 - Influence of Social Institutions on fisheries E.K. Abban, Marian Amu-Mensah, A. Y. Karikari, and H. R. Dankwa, Improved Fisheries Productivity and

Management of the Volta Lake CP 34 - Social Institutional Influence on Fisheries related issues in two fisheries dependent communities on the shores of the Volta Lake in Ghana CGIAR Consultative Group on international Agriculture-Challenge Program. PN34\_Worldfish-ProjectReport\_May09 in fulfillment of an International Research Grant awarded for my thesis.[www.waterandfood.org](http://www.waterandfood.org) Manuscript.

13.November 2008- Social Institutional Influence on Fisheries related issues in two fisheries dependent communities on the shores of the Volta Lake in Ghana: - for Improved Fisheries Productivity and Management of the Volta Lake CP 34 project Manuscript .

14.August 2007- 'The Capacities of Social Institutions to Cope with Fishery Innovation: (A Case Study of Dzemeni and Kpando Torkor, Fishing Communities in the Volta Basin), An MPhil Sociology Thesis, submitted to the School of Research and Graduate Study, University of Ghana, Legon-Accra

15.**August 1993: "The Ghanaian Woman Painter"**. Submitted in partial fulfilment of the requirements of the B.A. (ART) Degree, Kumasi: University of Science and Technology, Kumasi, Ghana.

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