

## **COURSE OUTLINE**

Course: **Green Economy Management**

**Course Lecturer: Albert Ahenkan (PhD) Email: aahenkan@ug.edu.gh**

### **Course Overview**

This course seeks to examine the **green economy**<sup>1</sup> as a vehicle for achieving sustainable development in Africa. Governments and businesses in Africa face many new and different sustainable development challenges and expectations. These include the issues of climate change, green economy, energy, waste, business sustainability, corporate environmentalism and protection of human health. It is increasingly becoming clear that business executives, corporate managers, environmental professionals and the investment community need to understand these critical business and development challenges. The course focuses on sustainable development of Africa, green economy and climate change in Africa. Other topics include transitioning to green economy, climate change and business, green economy financing and innovations, corporate environmental sustainability, waste as economic resources, private sector investment opportunities and innovations in green economy and climate change in Africa.

### **Contents**

- Green Economy and Sustainable Development
- Sustainable Development Challenges of Africa
- Africa's transitioning to Green economy
- Greening Economic Sectors in Africa
- Green Economy of Africa: Selected Cases in Africa (Students)
- Financing Green economy and climate change in Africa
- Private sector investment opportunities in green economy in Africa
- Climate Change and business sustainability in Africa
- Waste as an Economic resource in Africa
- Corporate environmentalism and sustainability in Africa
- Greening Economy through Environmental impact assessment in Africa
- Green business management and Sustainability in Africa (students presentations)

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<sup>1</sup> UNEP (2011) defined Green Economy as "one that results in improved human well-being and social equity, while significantly reducing environmental risks and ecological scarcities". Green Economy is describing a pathway to sustainable development.

## **Learning Objectives**

At the end of this course, the student should be able to:

- explain the Concept of Green Economy and Sustainable Development
- identify the impact of climate change on business sustainability in Africa.
- appreciate the green economy as a driver of sustainable development of Africa
- identify private sector investment opportunities in the green economy
- understand innovations in climate change and green economy financing in Africa.
- apply green economy and sustainability strategies for sustainable development

## **Approach and Method of Teaching**

The course will be anchored on participatory, interactive learning and knowledge sharing-oriented approaches. This will be achieved through lectures, class discussions with case studies, assignments, student presentations and group work. This will facilitate the development of a real understanding of all the topics that will be discussed and an effective sharing of expertise and experiences. The delivery will also involve a combination of lecturers, group presentations and case studies and audio-visual materials. This approach is particularly essential because the students will need to be able to directly apply the knowledge, skills, abilities and methods taught after the course.

## **Evaluation/Grading**

Students evaluation will be based on the following criteria:

- a. Student's Deliverable answers the assignment question
- b. Group presentations present a clear logic to support the assignment question

Final grade will be comprised of the following:

- *Group presentations 40 Marks*
- *Individual Assignment 40 Marks*
- *Class attendance 20 Marks*
- *Total = 100%*

## **Course Policies**

### ***Participation and Attendance***

Class participation and discussion is a critical element of the course and therefore attendance to each class is mandatory. Active class participation involves more than mere physical presence. Students are expected to be well prepared to be actively

involved in the class discussion. student behavior that is disruptive of the learning environment of the classroom will not be tolerated. Class discussions must be conducted in an environment of respect and tolerance.

## Course Readings

All readings for this course are published on Canvas in Files. Please note that there is a folder for each session which contains a hyperlinked document.

### Course Schedule/Course Calendar

Session	Topic	Recommended Readings before Classes	Assignment Due
1 Oct 22	Green Economy and Sustainable Development	<a href="#"><u>Pathways to Sustainable Development and Poverty Eradication</u></a>	
2 Oct 24	Sustainable Development Challenges of Africa	<a href="#"><u>2018 Africa Sustainable Development Report: Towards a Transformed and Resilient Continent</u></a> <a href="#"><u>Sustainable Development and Challenges of Africa</u></a>	
3 Oct 29	Africa's Transitioning to Green Economy	<a href="#"><u>Accelerating Sustainable Development in Africa: Country Lessons from Applying Integrated Approaches</u></a> <a href="#"><u>Enabling Green Growth in Africa: Joint AfDB-OECD report</u></a>	
4 Oct 31	Greening Economic Sectors in Africa	<a href="#"><u>Achieving Sustainable Development in Africa through Inclusive Green Growth</u></a> <a href="#"><u>Greening Africa's Industrialization: Executive Summary</u></a>	
5 Nov 5	Green Economy of Africa: Selected Cases in Africa	<a href="#"><u>Green Economy in Sub-Saharan Africa: Lessons from Benin, Ethiopia, Ghana, Namibia and Nigeria</u></a>	
6 Nov 7	Financing Green Economy and Climate Change in Africa	<a href="#"><u>How Africa Can Improve Mobilization of Climate Finance for Sustainable Development?</u></a> <a href="#"><u>Leveraging Climate Finance in Africa</u></a>	
7 Nov 12	Group Presentations on Green Economy	<a href="#"><u>Group Presentations on Green Economy and Private Sector Opportunities</u></a>	

8 Nov 14	Private Sector Investment Opportunities in Green Economy in Africa	<u>Building a Profitable Green Economy in Africa</u> <u>Engaging the Private Sector for Green Growth and Climate Action</u> <u>Private Sector is the Key to Africa's Green Economic Transformation</u>	
9 Nov 19	Climate Change and Business Sustainability in Africa	<u>Climate Change in 2017: Implications for Business</u> <u>Perspectives on Climate Change and Sustainability</u> <u>The Role of Business in Climate Change</u>	
10 Nov 21	Waste as an Economic Resource in Africa	<u>Waste as Resource: Unlocking Opportunities for Africa</u>	
11 Dec 3	Corporate Environmentalism and Sustainability in Africa	<u>Corporate Environmentalism: Doing Well by Being Green</u>	
12 Dec 5	Environmental Impact Assessment in Africa	<u>Public Hearing Within the Environmental Impact Assessment Review Process</u>	
13 Dec 10	Green Business Management and Sustainability in Africa	Group Presentations	

# Green Economy Management

## List of assignments

### 1. Topic: Greening the economic Sectors

#### Assignment 1: Discuss how these sectors can be greened

- Energy sector
- Transport Sector
- Building Sector
- Agriculture and Forestry
- Waste

**Individual Assignment: Maximum 5 pages**

### 2. Topic: Green Business Opportunities for private sector

**Assignment 2: Students to identify private sector green investment opportunities in the following sectors:**

- Energy sector and Transport
- Building and Industry
- Agriculture, Forestry and Waste Sectors

**Group assignment: PowerPoint presentation**

### 3. Topic: Corporate environmentalism

Students will select any of the companies listed below and do a case analysis of its environmental sustainability.

- Nestle
- Ikea
- Starbucks
- Walmart
- General electric
- Toyota
- Coca-Cola

### 4. Topic: Climate Change and business sustainability

Students will present case study on how climate change is affecting the sustainability of businesses in any of the following sectors:

- Financial Institutions (Banks, insurance etc)
- Transport Industry (Aviation)
- Housing
- Automobile industry
- Tourism
- Infrastructure

- Food production
- Building
- Energy systems
- Breweries/ Beverage industry
- Commercial fishing
- Skiing

**Group Assignment/Presentation**

**Submission dates for all assignments to be determined at the beginning of the course.**

## CURRICULUM VITAE

1. NAME: **Albert Ahenkan**
2. ADDRESS (POSTAL): University of Ghana Business School, P. O. Box LG 78, Legon, Accra, Ghana
3. EMAIL: [aahenkan@ug.edu.gh](mailto:aahenkan@ug.edu.gh)
4. CITIZENSHIP: **Ghanaian**
5. DATE OF BIRTH: **27/03/1971**
6. EDUCATION

DATE	DEGREE/QUALIFICATION	INSTITUTION
<i>2007-2011</i>	<i>Doctor of Philosophy (PhD) Human Ecology</i>	<i>Vrije Universiteit Brussel, Belgium</i>
<i>2004-2006</i>	<i>MPhil, Human Ecology</i>	<i>Vrije Universiteit Brussel, Belgium</i>
<i>1994-1998</i>	<i>BA Social Sciences</i>	<i>Kwame Nkrumah University of Science and Technology, Kumasi</i>

7. POST-DOCTORAL FELLOWSHIP
8. ACADEMIC APPOINTMENTS AND AFFILIATIONS (in chronological order)

DATE	POSITION	INSTITUTION
<i>1 May 2014 - Present</i>	<i>Senior Lecturer</i>	<i>University of Ghana Business School, Department of Public Administration and Health Services Management, University of Ghana</i>
<i>01 January 2012 - 30 April 2014</i>	<i>Lecturer</i>	<i>University of Ghana Business School, Department of Public Administration and Health Services Management, University of Ghana</i>

10. PREVIOUS ACADEMIC AND RESEARCH APPOINTMENTS (If any)

## 11. PREVIOUS ADMINISTRATIVE APPOINTMENTS

DATE	POSITION	INSTITUTION
1 Sept 2016 -to date	Coordinator	<i>MPhil/MSc. Climate Change and Sustainable Development, University of Ghana</i>
1st 2014 – 31 July 2016	Coordinator	<i>Msc. Climate Change and Sustainable Development Program, University of Ghana Business School, University of Ghana</i>

## 11. LEICENSURES/BOARDS/OTHER PROFESSIONAL QUALIFICATIONS ( If any)

## 12. COMMITTEE MEMBERSHIPS

### **Statutory University Boards and Committees**

1. 2016-2018 : Member, College of Humanities Academic Board, University of Ghana
2. 2014-2016 : Member, College of Humanities Academic Board, University of Ghana
3. 2012-2014 : Member, University of Ghana Academic Board
4. 2012-2014 : Member, Academic programme Review Committee, UGBS.

### **Other University Committees**

1. Member, 65th anniversary planning committee. University of Ghana

### **School Level Committees**

1. Member, UGBS Committee set up to investigate and report on the examination malpractices, 2018
2. Member, Committee for developing Strategic Plan for the University of Ghana Business School, 2016 – 2018
3. Lead, Committee for the development of Doctor of Business Administration (DBA), 2013 - 2016
4. Member, Committee for developing University of Ghana Business School PhD manual, 2013 - 2014

### Department Level Committees

1. Chair, Department Graduate Studies Committee, 2013 - Present
2. Chair, PhD Supervisory Committee for Justice Musah Surugu, 2014 - 2018
3. Chair, PhD Supervisory Committee for Benjamin Otchere-Ankrah, 2014 - 2018
4. Chair, PhD Supervisory Committee for Mary Obimpeh, 2014 – 2018
5. Chair, PhD Supervisory Committee for Gordon Sarfo Adu, 2016 - Present
6. Member, PhD Supervisory Committee for Emmanuel Tchouchou, 2016 - Present
7. Chair, PhD Supervisory Committee for Theresa Dowetin, 2015 - Present
8. Member, PhD Supervisory Committee for Peter Ngala, 2016 – Present

### 13. CONSULTANTSHIPS

1. 2018 : **Consultant**, Ghana Green Climate Finance study, Financed by UNEP
2. 2017 : **Consultant**, Mainstreaming Ghana Mainstreaming Sustainable Development Goals (SDGs) into National Development Plans, UNDP
3. 2017 : **Consultant**, Mainstreaming Ghana Mainstreaming Ghana's Nationally Determined Contributions (GH-NDCs) into National Development Plans, UNDP/MESTI
4. 2016-2017 : **Lead**, Development of Ghana's Multi-Sectoral investment framework for Climate and Disaster Risk Management by the World Bank
5. 2016-2017: **Lead**, development of MRV of Climate Finance Guidance Tool, UNDP/MESTI.
6. 2016 : **Technical member**, Ghana's Low Carbon Development Strategy (LCDS), funded by DANIDA of the Ministry of Foreign Affairs of Denmark and implemented by the United Nations Environment Programme (UNEP) and the UNEP DTU Partnership (UDP).
7. 2016 : **Consultant**, development of Policy brief on the **implications of the Paris Agreement on Climate Change for Africa**, GIZ
8. 2016 : **Member**, development of **Climate Change Project** Prioritisation Tool and Guideline, Ministry of Finance, UNDP
9. 2015 : **Lead**, development of National Designated Authority (NDA) Operational Manual for Green Climate Funds for Ministry of Finance, UNDP

## 14. EDITORSHIP AND EDITORIAL BOARDS

### Editorial Publication

1. Osei. K.A, Abor Y. J, Hinson.R.E, Boateng R, Onumah M, Dartey-Baah, K, **Ahenkan A** (Editors) (2017). *Contemporary Issues in Development Management in Africa*, United Kingdom: Adonis&Abbey/Univrsty of Ghana Business School
2. Sakyi E.K and **Ahenkan A.** (editors) (2014). *Health Services Management: Readings from Ghana*, Business Series Vol 3., University of Ghana Readers, Tema: Digibooks Ghana Ltd
3. Sakyi E.K, A. **Ahenkan A.**, and Bawole, J.N (editors) (2015). *Public Administration in Ghana: Selected Contemporary Issues*, Business Series Vol 6, University of Ghana Readers, Tema: Digibooks Ghana Ltd

## 15. MANUSCRIPT REVIEWS

### Journal Manuscript Reviews

- Africa Journal of Management Research  
2015 – Reviewed 2 papers

### Conference Manuscript Reviews

- Sustainability Dialogue: International Conference on Sustainability and Environmental Management  
2016 – Reviewed 2 papers

## 16. HONORS AND AWARDS

- 2018: Queen Elizabeth Scholar to Carleton, University, Ottawa, Canada
- 2018: Environmental Stewardship Award, Humanity Magazine
- 2006: Flemish Interuniversity Council Scholar, VUB, Brussels, Belgium

## 17. PROFESSIONAL SOCIETY MEMBERSHIPS

- African Association for Public Administration and Management (AAPAM), since 2015
- University Teachers Association of Ghana (UTAG), 2012 – Present
- International Society for Development and Sustainability, since 2014

## 18. CURRENT RESEARCH FOCUS

- Sustainable Development
- Environmental Management
- Climate change financing
- Environment and development
- Green Economy

## 19. GRANTS SUPPORT

1. EU-Intra Africa mobility Programme under the project Harmonisation of Entrepreneurship Education for Sustainable Development in Africa (HEED–Africa) for University of Ghana and Consortium partners, **1.3 Million Euros** (With Joshua Abor and Justice Bawole), 2018, By European Commission
2. Bloomberg’s Media Initiative Africa (BMIA) for Financial Journalism Training of journalists across Africa in financial markets, economics, accounting, public policy and regulation, data Analysis and interpretation, for UGBS **US\$ 55,616.19** (With Justice Bawole, Godfred Owusu, Saint Kuttu )
3. Climate Change Vulnerability Assessment in selected Districts in Northern, Upper East, Upper West and Brong Ahafo Region for GASIP Climate Change Adaptation, financed by Ghana Agricultural Sector Investment Program (GASSIP) of the Ministry of Food and Agriculture (MOFA) of with grant of \$300,000 (2017 – 2018).
4. Development of Climate Finance Measuring, Reporting and Verification (MRV) System, Commissioned by MESTI. (2017). Contract Amount: GHC310,464.00 (With Justice Bawole and Lord Mensah).
5. Training and Capacity Development: Sensitization and Capacity Building on Climate Change Adaptation in Communities within Four Regions of Ghana. Commissioned by MoFA, (2017). Contract Amount: US\$ 641,135.00 (With Justice Bawole and Kwadwo Owusu)
6. The Development of National Designated Authority (NDA) Operational Manual for Green Climate Fund, Commissioned by the UNDP, Ghana. (2016). (With Justice Bawole and Eric Twum). US\$23,000.00
7. The Development of Climate Change Project Prioritisation Tool and Guideline, Commissioned by the UNDP, Ghana. (With Justice Bawole and Eric Twum). US\$23,000.00

## 20. TEACHING

### **PhD Level Teaching**

PAHS 743: Sustainable Development

### **Masters Level Teaching**

PAHS 643: Advanced Environmental Management (Regular MPA/Weekend MPA)

PAHS 664: Environment and Sustainable Development (Regular MPA/Weekend MPA)

CCSD 604: Climate Change Policies & Legal Frameworks (Regular)

### **Undergraduate Level Teaching**

PAHS 411: Environmental Management

## 25. INVITATION TO NATIONAL AND INTERNATIONAL CONFERENCES AND WORKSHOPS

1. 2018 : **Participated** in Game changers for women's advancement and the future of work in Asia and the Pacific, 20<sup>th</sup> August 2018, Ottawa, Canada
2. 2018 : **Participated** in Project and Mobility Management by European Commission, Brussels, Belgium
3. **2016** : **Resource Person**, NEPAD 2nd Africa Climate Smart Agriculture Forum: From Agreement to Action: Implementing INDCs for Growth and Resilience in African Agriculture, Nairobi, Kenya, 11-14 Oct
4. 2016 : **Panel Discussant**, Africa Rural Development Forum, Organised by NEPAD, Younde, Cameroon
5. 2016 : **Participant**, Trainer of trainer's course on Corporate governance, International Financial Corporation (IFC), Accra
6. 2015 : **Participant**, Inaugural Session of Pan African Alliance and Platform on Climate Smart Agriculture in Africa, Addis Ababa, Ethiopia
7. 2014 : **Ghana PPP Project**: Consultation Programme – PPP Curricula Development for Business and Law, Senchi, Ministry of Finance
8. 2014 : Participated in Future Challenges to Environmental Risk Management, Legon, The United Nations University Institute for Natural Resources in Africa
9. 2014 : Participated in University of Ghana Research Uptake Strategic Plan Development workshop, Ghana-Korean Centre, UG
10. 2014 : Participated in Africa Climate Change Adaptation Initiative (ACCAI) Partners Meeting on Charting a way forward on Climate Change and Food Security, Centre for African Wetlands, University of Ghana
11. 2013 : Present paper, Improving Citizens' Participation in Local Government Planning and Financial Management in Ghana, at the Business and Social Science Research Conference, from December 20-21, 2013 in Paris, France
12. 2008 : Participated and presented a paper at International Conference on Re-thinking Development Studies in Africa". University of Cape Coast, Ghana, November 2008
13. 2008 : Participated and presented a paper at an Academic Symposium on "Ethics and Sustainability", organised by the international NGO Rainforest Alliance, Lipton and the Human Ecology Department of VUB, Belgium.
14. 2008 : Participated and presented paper at Chaire Quetelet Conference, Catholique Université Louvain (UCL), Belgium, 3-5 December 2008.

## 26. PUBLICATIONS

### Published Research Works in Refereed Journals

1. **Ahenkan, A.**, Osei, J., & Owusu, E. H. (2018). Mainstreaming Green Economy: An Assessment of Private Sector Led Initiatives in Climate Change Adaptation in Ghana. *Journal of Sustainable Development*, 11(2), 77.
2. **Ahenkan, A.**, Afari, M. B., & Buabeng, T. (2018). Ethical Dilemma of Health Professionals in Ghana: Experiences of Doctors and Nurses at the Korle-Bu Teaching Hospital. *African Journal of Management Research*, 25, 29-44.
3. Musah-Surugu, I. J., **Ahenkan, A** & Bawole, N.J. (2018). Too weak to lead: Motivation, Agenda Setting and Constraints of Local Government to implement Decentralized Climate Change Adaptation Policy in Ghana: *Environment, Development and Sustainability Journal*. 1-21
4. **Ahenkan, A.**, Tenakwah, E. S., & Bawole, J. N. (2018). Performance management implementation challenges in Ghana's local government system: Evidence from the Sefwi Wiawso Municipal Assembly. *International Journal of Productivity and Performance Management*, 67(3), 519-535.
5. **Ahenkan, A.**, & Azaare, J. (2018). Managerial Implications of Delayed Reimbursement of National Health Insurance Claims: The Case of two Hospitals in Northern Ghana. *African Journal of Management Research*, 25, 62-75.
6. Musah-Surugu, I. J., Bawole, J. N., & **Ahenkan, A.** (2018). The "Third Sector" and Climate Change Adaptation Governance in Sub-Saharan Africa: Experience from Ghana. *VOLUNTAS: International Journal of Voluntary and Nonprofit Organizations*, 1-15.
7. **Ahenkan, A.**, & Aduo-Adjei, K. (2017). Predictors of Patient Satisfaction With Quality of Healthcare in University Hospitals in Ghana. *Hospital Practices and Research*, 2(1), 9-14.
8. Justice, I. M. S., **Ahenkan, A.**, Bawole, J. N., & Yeboah-Assiamah, E. (2017). Rural Poverty and Artisanal Mining in Sub-Saharan Africa: New Perspective through Environment–Poverty Paradox. *International Journal of Rural Management*, 13(2), 162-181. **Corresponding author**
9. Mensah, J. K., Bawole, J. N., & **Ahenkan, A.** (2017). Local economic development in Ghana: From the 'lost decades' to a policy 'maturing' stage. *Development Southern Africa*, 34(5), 607-621.
10. Musah-Surugu, I. J., **Ahenkan, A.**, Bawole, J. N., & Darkwah, S. A. (2018). Migrants' remittances: A complementary source of financing adaptation to climate change at the local level in Ghana. *International Journal of Climate Change Strategies and Management*, 10(1), 178-196.
11. **Ahenkan A** & Musah-Surugu. J.I (2015). Financing climate change adaptation and mitigation in Ghana: Challenges and prospects, *International Journal of Development and Sustainability*, Vol 4, 2 (2015), 161-180

12. Obour, B. P, Kwadwo, O., Agyeman. E .A, **Ahenkan A** & Àngel Navarro M. (2015). The impacts of dams on local livelihoods: a study of the Bui Hydroelectric Project in Ghana, *International Journal of Water Resources Development*, 32:2, 286-300
13. Musah-Surugu, J.I. and **Ahenkan A.** (2014). Rising to the challenge: what sort of capacity does Ghana need to adapt to climate change?, *Ethiopian Journal of Environmental Studies & Management*, (7): 780 – 789, 2014
14. **Ahenkan. A** and Owusu Mark. F (2014). The Impact of Decentralization on Health Services Delivery in Ghana: A case of Ga West Municipality. In *Health Services Management: Readings from Ghana*. Business Series Vol 3., University of Ghana Readers, Tema: Digibooks Ghana Ltd
15. **Ahenkan, A.** and Osei-Kojo, A. (2014). Achieving sustainable development in Africa: Progress, challenges and prospects, *International Journal of Development and Sustainability*, Vol. 3 No. 1, pp. 162-176.
16. Mensah J. K., Domfeh KA, **Ahenkan A**, Bawole J. N. (2013). Policy and institutional perspectives on local economic development in Africa: The Ghanaian perspective, *Journal of African Studies and Development*, Vol. 5(7): 163-170
17. **Ahenkan A.**, Bawole J. N. and Domfeh, K.A. (2013) ‘Improving Citizens’ Participation in Local Government Financial Management in Ghana: A Stakeholder Analysis of the Sefwi Wiawso Municipal Assembly’ *Journal of Public Administration and Governance*, 3(2): 191-210
18. Boon E. K., Bawole J. N and **Ahenkan A.** (2013), Stakeholder Participation in Community Development Projects: an analysis of the quadripartite model of the International Centre for Enterprise and Sustainable Development (ICED) in Ghana, *Community Development*, 44(1): 38-54
19. Domfeh K. A., Ahenkan A. and Bawole, J. N. (2012) Is Sustainable Development Achievable in Ghana? An Analysis of Ghana’s Development Policy Achievements and Challenges, *International Journal of Environment and Sustainable Development*, 11(3): 304 – 317
20. Boon E. and **Ahenkan A.** (2012). The Socio-economic Contribution of African Migrants to their Home and Host Countries: The Case of Ghanaian Residents in Flanders, Belgium, *Journal of International Migration and Integration* 13(3): 343-363
21. Boon E, **Ahenkan A** (2012). Assessing Climate Change Impacts on Ecosystem Services and Livelihoods in Ghana: Case Study of Communities around Sui Forest Reserve. *Journal of Ecosystem and ecography* S3:001. doi:10.4172/2157-7625.S3-001
22. **Ahenkan A** and Boon E (2011). *Non-timber Forest Products (NTFPs): Clearing the Confusion in Semantics*, *Journal of Human Ecology* 33(1): 1-9
23. **Ahenkan A**, and Boon. E (2011). Improving Nutrition and Health through Non-Timber Forest Products in Ghana, *Journal of Health, Population and Nutrition*, 29 (2):141- 148
24. **Ahenkan A** and Boon. E (2011). NTFPs Farming and Economic Empowerment of Women in Ghana, *Environment, Development and Sustainability* (13)16:863-878

25. **Ahenkan A** and Boon E. (2010). *Assessing the Impact of Forest Policies and Strategies on Promoting the Development of Non-Timber Forest Products in Ghana*, *Journal of Biodiversity*, 1 (2): 85-102
26. Hai LT , Hai PH , Thai CL, Hugé J, **Ahenkan A**, Quynh LX, Hieu VV, Tung and Hens Luc (2011). Software for Sustainability Assessment: a Case Study in Quang Tri Province, Vietnam , *Environmental Modeling and Assessment*, 16 ( 6):541-550
27. **Ahenkan A** and Boon E (2010). Commercialization of Non-timber Forest Products in Ghana: Processing, Packaging and Marketing, *Journal of Food, Agriculture & Environment Vol.8 (2): 962-969*
28. Yadav U, **Ahenkan. A**. Boon E, Ram, Krishna K Shrestha, Sangeeta R. (2010). Non-timber Forest Products in Bardiya District of Nepal: Indigenous Use, Trade and Conservation, *Journal of Human Ecology*, 30(3): 143-158

## Published Book Chapters

29. **Ahenkan, A. (2018)**. Indigenous Social Security Systems in Ghana: Prospects and challenges. In Noyoo N. & Boon. E (editors). *Indigenous Social Security Systems in Southern and West Africa*. African Sun MeDIA, Stellenbosch, 125pp.
30. Boon E.K and **Ahenkan, A.** (2018). Africa and Environmental Health Trends. In *Oxford Textbook of Nature and Public Health: The Role of Nature in Improving the Health of a Population*”, (Edited by Matilda van den Bosche and William Bird), Oxford University Press, UK.
31. Lartey, E., **Ahenkan, A.**, Yeboah Assiamah, E., Adjei-Bamfo, P. (2018). Urban Sanitation: Optimizing Private Sector Involvement. In A. Farazmand (ed.), *Global Encyclopedia of Public Administration, Public Policy, and Governance*, [https://doi.org/10.1007/978-3-319-31816-5\\_3552-1](https://doi.org/10.1007/978-3-319-31816-5_3552-1)
32. Musah-Surugu, I. J., **Ahenkan, A** & Bawole, N.J., Darkwah, A. S. (2018). Diffusion of Climate Change Adaptation Policies among Local Governments in Sub-Saharan Africa: Conceptual Review: In Alves, F., Leal Filho, W. Azeiteiro, U. (Ed) (2018) *Theory and Practice of Climate Adaptation*, Springer, Berlin
33. **Ahenkan, A.** (2016). Managing Millennium Development Goals (MDGs) in Developing Countries: Lessons from a Local District in Ghana, in *Development Management: Theory and Practice*. In Bawole N.J, Hossain F., Ghalib, A.K, Rees C.J, Mamman, A.(ed), Routledge, New York
34. **Ahenkan. A** and Owusu Mark. F (2015). The Impact of Decentralization on Health Services Delivery in Ghana: A case of Ga West Municipality. In *Health Services Management: Readings from Ghana*. Business Series Vol 3., University of Ghana Readers, Tema: Digibooks Ghana Ltd
35. **Ahenkan A** and Boon E (2011). Improving Supply Chain of Non-timber Forest Products in Ghana, In *Supply Chain Management-New Perspective*, (ed) by Sanda Renko, In-Tech Free Access Publishing, Rijeka, Croatia. P443-459
36. **Ahenkan. A** and Boon E (2012). “Forest Reserves and Biodiversity Conservation in Ghana”, in Boon E, Hens L, and Oviedo. G (editors) *Management of National Parks and Biodiversity Conservation in Africa*, Kre Kamla-Raj Enterprise, Delhi,
37. Boon, E. K; **Ahenkan A** and Domfeh K A., (2010), “Placing the Environment in the Core of Ghana’s Development Agenda: Sustainability and Stakeholder Analysis,” in J. V. Mensah, S. B. Kendie & F. Enu-Kwesi (Eds.), *Rethinking Development Studies in Africa*, Cape Coast, Ghana: Institute for Development Studies, University of Cape Coast.

38. Boon. E, **Ahenkan. A** and Nakuku. B. (2009). An Assessment of Forest Resources Policy and Management in Ghana, (Ed) Jenny Pope. In International Association for Impact Assessment

### **Editorial**

39. Osei. K.A, Abor Y. J, Hinson.R.E, Boateng R, Onumah M, Dartey-Baah, K, **Ahenkan A** (Editors) (2017). *Contemporary Issues in Development Management in Africa*, United Kingdom: Adonis&Abbey/Univrsty of Ghana Business School
40. Sakyi E.K and Ahenkan A. (editors) (2014). Health Services Management: Readings from Ghana, Business Series Vol 3., University of Ghana Readers, Tema: Digibooks Ghana Ltd
41. Sakyi E.K, A. **Ahenkan A.**, and Bawole, J.N (editors) (2015). Public Administration in Ghana: Selected Contemporary Issues, Business Series Vol 6, University of Ghana Readers, Tema: Digibooks Ghana Ltd

### **Published Books**

42. Boon E and **Ahenkan A** (2008). Enhancing Food Security and Poverty Reduction in Ghana through non-timber forest products farming in the Study of Sefwi Wiawso District, Munich, Germany: GRIN Verlag Academic Publishing.
43. **Ahenkan. A** and Boon. E, 2008. Impact of Deforestation on Medicinal Plants in Ghana, GRIN Academic Publishing, Munich, Germany

## 22. GRADUATE STUDENT THESIS- SUPERVISOR

### **PhD supervision**

Completed – 4  
Ongoing – 5

### **MPhil/MPA/MBA Supervision**

Completed – 35  
Ongoing – 7

## 23. UNDERGRADUATE STUDENT RESEARCH SUPERVISOR

Completed-15  
On-going -1

## 27. OTHER ACADEMIC WORK/EXHIBITS

### **External Examination**

1. PhD Thesis – Ghana Telecom University, Accra
2. MPA Thesis – Ghana Institute of Management and Public Administration (GIMPA)

### **National Accreditation Assignments**

1. **Member**, National Accreditation Board's (NAB) Committee for PhD Public Administration and Governance and Leadership assessment, Ghana Institute of Management and Public Administration (GIMPA), 2018
2. **Chair**, National Accreditation Board's (NAB) Committee for MBA Corporate Governance assessment, University of Professional Studies, Accra
3. **Member**, National Accreditation Board's (NAB) Committee for Executive master's in leadership and Governance assessment, Central University, Miotso
4. **Member**, National Accreditation Board's (NAB) Committee for graduate program BA Leadership and Governance assessment, University College of Management Studies, Weija, Accra

## REFEREES

1. Prof. Joshua Y. Abor  
Dean, University of Ghana Business School  
P.O BOX LG 78  
Legon  
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# Green Economy Management

## List of assignments

### 1. Topic: Greening the economic Sectors

#### Assignment 1: Discuss how these sectors can be greened

- Energy sector
- Transport Sector
- Building Sector
- Agriculture and Forestry
- Waste

**Individual Assignment: Maximum 5 pages**

### 2. Topic: Green Business Opportunities for private sector

**Assignment 2: Students to identify private sector green investment opportunities in the following sectors:**

- Energy sector and Transport
- Building and Industry
- Agriculture, Forestry and Waste Sectors

**Group assignment: PowerPoint presentation**

### 3. Topic: Corporate environmentalism

Students will select any of the companies listed below and do a case analysis of its environmental sustainability.

- Nestle
- Ikea
- Starbucks
- Walmart
- General electric
- Toyota
- Coca-Cola

### 4. Topic: Climate Change and business sustainability

Students will present case study on how climate change is affecting the sustainability of businesses in any of the following sectors:

- Financial Institutions (Banks, insurance etc)
- Transport Industry (Aviation)
- Housing
- Automobile industry
- Tourism
- Infrastructure

- Food production
- Building
- Energy systems
- Breweries/ Beverage industry
- Commercial fishing
- Skiing

**Group Assignment/Presentation**

**Submission dates for all assignments to be determined at the beginning of the course.**