**CURRICULUM VITAE[[1]](#footnote-1) : PROF CHRISTOPHER GORDON**

Prof Chris Gordon is an Environmental Scientist with many years of experience as a limnologist and aquatic resource management advisor, with special interests in the biodiversity and functioning of coastal, wetland and freshwater systems. As an academician and a consultant, he has in-depth and extensive knowledge of ecosystem functioning and conservation in the various ecosystems he has worked on, such as the Volta River Basin, aquaculture, coastal wetlands and large rivers and estuaries. Prof Gordon has played an active role in biodiversity conservation and ecosystem management initiatives, particularly in water, coastal wetlands, and catchment basin conservation issues. He has considerable experience working with international bodies such as the GEF, UNEP, FAO, UNDP, DFID (former ODA), DANIDA, IDRC, DGIS, as well as national and international NGOs. Prof Gordon has provided guidance on various national policies that include the fisheries, aquatic resources and their management, wetlands and biodiversity conservation issues, and more recently climate change issues to government and non-governmental organisations.

*Vision and Drive*

Prof Chris Gordon is noted for innovative approaches and solutions as well as the ability to rapidly synthesize disparate data and information sets into coherent documents. In recognition of his vision and drive, he has been invited to serve on several Institutional, project review and think tank bodies in the role of an Invited Expert. These include the UNEP Foresight Expert Group, Programme of Research on Climate Change Vulnerability, Impacts and Adaptation (PROVIA), the Scientific and Technical Review Panel of the Ramsar Convention, the Stewardship for Infectious Diseases of Poverty, UNICEF/UNDP/World Bank/WHO Special Programme for Research & Training in Tropical Diseases (TDR), World Health Organization (WHO), Norwegian Programme for Development, Research and Education (NUFU), Netherlands Organisation for International Cooperation in Higher Education (NUFFIC), as well as various National Ministries and Commissions.

*Managerial, and Administrative Leadership*

Prof. Gordon has a problem-solving approach to issues, involving consensus of stakeholders as well as strong administrative skills. He has successfully established two new activities at the University of Ghana, the Centre for African Wetlands as well as the Graduate Environmental Science Programme. He was Dean of International Programmes and under his three-year tenure, when the numbers of international students doubled and a new hostel was started and completed. He has also convened several University committees to successful conclusion.

*Communication Skills*

He played several major roles in the comprehensive assessment of the 2007 University of Ghana “Visitation” as part of the sub-team on Infrastructure, which critically examined the clarity and logical consistency between inputs (staff, budget, etc.), activities, outputs and progress towards the achievement of the Universities’ mission as well as on Policy issues under the Visitation Report Implementation Committee. Prof Chris Gordon has been involved in communication of science for the past 25 years and has good presentation skills. He has been consulted as a resource person, as a “Trainer of Trainers”, for both the private and public sector. He has developed curricular at the secondary, undergraduate, and post-graduate levels for a number of subjects for various national and international institutions. He is active at the science policy interface where linkage with decision makers on environmental issues has become essential.

*Project Development and Fund Raising*

Prof Chris Gordon has been involved in project design and review of activities for several international organizations. Projects that he has been party in design, have raised more than US$ 30 million in successful grant funding for environment. He has comprehensive knowledge of project design and has taught these subjects as part of JICA (Japan International Cooperation Agency) training courses run at the Okinawa International Centre in Japan. His proposal writing skills and familiarity with donor approaches enable him to deliver documentation which is appropriate, on schedule and which usually exceeds client expectations.

*Evaluation and Accreditation of Institutions, Projects, Programmes and Curricular*

Prof Gordon has served as evaluator for UNEP, for FAO on large GEF projects (US$ 40 million+) as both mid-term and terminal evaluator. He is a resource person for the National Accreditation Board of Ghana, evaluating curricular and courses in environment and climate change. He has also served as Lead for the evaluation of a Cluster of the National Research Foundation of South Africa.

**CURRICULUM VITAE: PROF CHRISTOPHER GORDON**

**Name of Staff:** Christopher **Gordon**

**Years with Institution:** 35 **Nationality**: Ghanaian

**CONTACT DETAILS**

Institute for Environment and Sanitation Studies P.O. Box LG 209,

University of Ghana, Legon Accra, Ghana

Courier Delivery: ‘O’ Block Old Chemistry Building, University of Ghana

**EDUCATIONAL**

|  |  |
| --- | --- |
| *Institution (Date):* | King’s College, University of London, United Kingdom (1995) |
| *Degree(s) or Diploma(s) obtained:* | PhD in Human Environmental Science. Thesis: Studies on the crustacean zooplankton of the Thames Tideway. 380pp |
| *Institution (Date):* | University of Ghana. Legon, Ghana (1986) |
| *Degree(s) or Diploma(s) obtained:* | M.Sc. in Zoology, with specialisation in Freshwater Ecology. Thesis: The Limnology of the Amansuri wetlands. 189pp |
| *Institution (Date):* | Austrian Academy of Science/UNESCO (1983) |
| *Degree(s) or Diploma(s) obtained:* | Post-Graduate Certificate in Limnology |
| *Institution (Date):* | University of Ghana. Legon, Ghana (1980) |
| *Degree(s) or Diploma(s) obtained:* | B.Sc. Zoology 2nd Class Upper Division (Entomology option) |

**MERITORIOUS AWARDS**

|  |  |
| --- | --- |
| 2021 | Ghana Chamber of Mines Honorary Award for promoting sustainable mining |
| 2016 | Member, Order of the Volta, Awarded for service to Ghana for Development, Education and Research |
| 2003 | Environmentalist of the Year, Ministry of Environment and Science |
| 1999 | Distinguished Award for Meritorious Service from the University of Ghana, Legon |
| 1997 | Parker-Gentry Award for Conservation Biology from the Field Museum, Chicago |
| 1986 | National Silver Medal - Ghana Academy of Arts and Sciences for best post-graduate thesis |
| 1983 | UNESCO award to attend Post Graduate training course in Limnology (Austria) |
| 1981 | 1st Prize National Essay Competition: "New potentials for the use of local raw materials in Ghanaian industries" |
| 1980 | Waddel Prize for Best Under-graduate Student in Science |
| 1980 | Angus Booth Memorial Prize for Best Final Year Zoology Student |

**OTHER (Outreach and Community Service)**

| **Year** | **Activity** |
| --- | --- |
| 2020 | Co-Chair Scientific Committee World Resources Forum 2021 |
| 2019 | CDKN Country Engagement Lead, Ghana |
| 2018 | Convenor, ISO Technical Committee for the review of ISO 14015, Environmental Due Diligence |
| 2018 | Commissioner, Earth Commission, Future Earth |
| 2016 | IPBES Africa assessment-Coordinating lead author (Chapter 3) |
| 2016 | Editorial Board Member Earth Systems Governance |
|  | Editorial Advisor Sustainability Science |
| 2015 | Chair, Ghana Standards Authority Standing Committee on Environment |
| 2012 | Member of Future Earth- Africa Interim Scientific Steering Committee |
| 2012 | Reviewer IPCC AR5 GHG emissions from constructed wetlands |
| 2009-2014 | Coordinated/led process of the development of a) Ghana National Climate Change Policy Framework b) Ghana National Climate Change Policy c) Action Plan for the Implementation of the Ghana National Climate Change Policy (part II) |
| 2008 | Invited Expert and Ghana National Focal Point Scientific Technical Review Panel (STRP) Ramsar Convention |
| 2006 - 2009 | Member Wetlands and Poverty Reduction Africa Training Board set up under the Wetlands and Poverty Reduction Project of Wetlands International |
| 2004 - 2007 | Executive Vice President International Society of Limnology (SIL) |
| 2004 - 2008 | Member National Wetlands Committee (Forestry Commission) |
| 2004 - | Member PACOM (Pan African Committee of START) |
| 2003 - 2006 | Member Executive Committee of Commonwealth Universities Study Abroad Consortium (CUSAC) |
| 2003 | Reviewer UN Millennium Ecosystem Assessment Scenarios for several chapters |
| 2003 - 2007 | Vice-President Wetlands International and Member of Management Board |
| 2002 - | Member of the Ramsar STRP Roster of Wetland Experts |
| 2002 | Discussant, Tropical Floodplains: International Conference on Environmental Futures |
| 2001 | Reviewer African Environmental Outlook – chapters on Biodiversity, Marine and Coastal systems as well as Freshwater systems |
| 2001 | Member Ramsar Working Group on Wetland Typology |
| 2000 - 2006 | Chair, UNESCO-IHP Steering Committee on the Humid Tropics (West Africa) |
| 2000 - 2006 | Member, Wetlands International, West Africa Steering Committee |
| 2000 | Member scientific committee Africa Basins Workshop Land Ocean Interactions in the Coastal Zone (LOICZ) |

**FUNDS RAISED**

Over the past 20 years I have written or been part of teams writing project proposals which have raised significant development and research funds, these include:

* **Adaptation at Scale in Semi Arid Regions (ASSAR)** CARIAA IESS Component US$ 600,000 2014 - 2019
* **Achieving triple wins: identifying climate smart investment strategies for the coastal zone** Climate & Development Knowledge Network Innovation Fund £135,646 18 months August 2011 – February 2013 (co-applicant)
* **Understanding the Findings of the Intergovernmental Panel on Climate Change (IPCC) Fourth Assessment Report “Climate Change 2007” – Integrating Climate Change Adaptation and Mitigation in Development Planning** EU-ACP € 1,250,000 Three Years 2009 – 2012 **(co-applicant)**
* **Contribution of shallow groundwater irrigation to livelihoods security and poverty reduction in White Volta Basin: current extent and future sustainability** Challenge Programme for Food and water US$ 884,955 Two years mid 2008 – 2010 Northern Ghana **(co-applicant)**
* **Regional Node for Wetlands and Coastal Systems** SysTem for Analysis Research and Training (START)-IGBP (US$ 35,000) West Africa **(applicant)** for Centre for African Wetlands
* **Tool kits for the Sustainable Management of Ghana’s Riverine Biodiversity: The Ecosystem Approach.** Darwin Initiative Department for Environment and Rural Affair UK £188,000
* **Enhancement and Consolidation of Quality Teaching and Research** The Carnegie Corporation $667,000 Two Years 2002 - 2004. University of Ghana**)**
* **Global Mangrove Database and Information System + Expanding and Improving Global Mangrove Database and Information System (GLOMIS) and its Networking.** International Tropical Timber Organisation (US$ 209,868 + 484,865) Six years 2001 – 2006 Japan

My current research interests are on the fate of novel entities such as micro-plastics, endocrine byproducts and short-lived volatile organic substances. I am also interested in the barriers and enablers that link academia and policy makers in decision making. Finally, I am interested in research and training for the delivery of the Sustainable Development Goals.

**Research interests**

Earth System Governance; Threats to Freshwater Biodiversity; Sustainability Science; Ecotoxicology; Climate Change Adaptation; Environmental Policy; Curricular Design

**Current Research Project**

* Building Capacity to Crosslink Coastal Pollution with Climate Change (BC5) with NTNU funded by NORHED
* TranSforming InsTitutions to Advance women leadeRS in Science Technology Engineering and Mathematics (SISTARS)
* Additional Burden of Covid-19 Disposable Facemasks (ABCDF) to Ghana’s Plastic Management (UNDP)
* Managing small-scale mining: Assessing the potential for a more environmentally sustainable and socially-inclusive small-scale gold mining industry in Ghana (GCRF, York University)
* Improving the Sustainability of Aquaculture in Ghana through Environmental Quality Assessment (St Cloud US)

**EMPLOYMENT RECORD**

**Current Position: Associate Professor,** (Post Retirement Contract)

Research, Teaching and Outreach in the areas of Climate Change, Environmental Science, Sustainability Science

Supervision of Graduate Students, Development of new courses and programmes, Policy development for national government ministries

 POSITIONS HELD

|  |  |
| --- | --- |
| *Date: from – to:* | July 2010 – to July 2018 |
| *Location* | Legon, Accra, Ghana |
| *Company* | University of Ghana |
| *Position* | Founding Director / Ag Director, Institute for Environment and Sanitation Studies |
| *Description* | * Coordinate setting up of Institute
* Provide administrative and academic direction to the Institute in its formative years
* Develop the Institute as a Centre for teaching, research and extension
* Direct the Institute to fulfil its mandate
 |

**2006 - 2006 Visiting Professor,** University of Ryukyus, Okinawa, Iriomote Tropical Biodiversity Research Centre. (on a two year sabbatical)

**2005 to 2008 Learning Circle Coordinator: Sustainable Development,** The Scholar Ship, Baltimore, USA www.thescholarship.com

**2007 Facilitator:** to the University of Ghana Visitation Panel Chaired by Sir John Daniels of the Commonwealth of Learning www.col.com

**POSITIONS:**

|  |  |
| --- | --- |
| *Date: from – to:* | July 2003 – to June 2006 |
| *Location* | Legon, Accra, Ghana |
| *Company* | University of Ghana |
| *Position* | **Dean, International Programmes** |
| *Description* | * Developing projects and research initiatives with external partners
* Provision of support services to external students/projects
* Managing 170+ Memoranda of Understanding with other institutions for the University
* Management of International and Jubilee Halls
* Outreach
 |
| *Date: from – to:* | 2000 – 2003 |
| *Location* | Legon, Accra, Ghana |
| *Company* | Centre for African Wetlands, University of Ghana |
| *Position* | **Interim Director** |
| *Description* | * Establishment of the secretariat for CAW and acquisition of logistic support, including equipment, vehicles and machinery required for the effective functioning of the Centre.
* Ensuring that the Centre’s finances are operated based on accepted accounting principles and procedures.
* Development of Terms of reference for the country studies, institutional analysis and wetland research needs assessment; Preparation of job descriptions and staff profiles, identification and recruitment of interim staff and consultants.
* Supervision of staff and consultants and review of consultant’s reports, development of the content of the CAW web page countries.
 |
| *Date: from - to:* | 1998 – 2003 |
| *Location* | Legon, Accra, Ghana |
| *Company* | Graduate Environmental Science Programme, University of Ghana  |
| *Position* | **Coordinator**  |
| *Description* | * Coordination of 12 different departments from Law to Zoology and 20 staff members. Administrative duties to ensure that the ESP complies with University regulations Selection of students for programme
* Fund raising

The programme is now one of the most successful and active of all graduate programmes in the Faculty of Science with an average of 40 - 50 applicants each year |
| *Date: from – to:* | 1998 – 2007 |
| *Location* | Ghana, Japan, Brazil, Fiji and Malaysia |
| *Company* | Global Mangrove Data-base and Information System (GLOMIS).  |
| *Position* | **Global Coordinator and Coordinator of Africa Regional Centre** |
| *Description* | Oversight responsibility for this project providing web-based information ([www.glomis.com](http://www.glomis.com)) on people, projects, publications and places where mangrove research is being carried out round the world. Project being implemented by the International Society of Mangrove Ecosystems and funded by the ITTO.  |
| *Date: from – to:* | 1996-1998 |
| *Location* | Accra, Volta Region |
| *Company* | Lower Volta Mangrove Project Department of International Development (DFID) UK,  |
| *Position* | **Project Coordinator**  |
| *Description* | Project examined the effects of the Volta Dams have had on downstream environment and communities and how mangroves can be sustainably managed by local communities. |
| *Date: from – to:* | 1986 – to date |
| *Location* | Legon, Accra, Ghana |
| *Company* |  University of Ghana  |
| *Position* | Starting as an **Assistant Research Fellow** rose to position of **Associate Professor** (2001) |
| *Description* | Serving on Advisory CommitteesIncluding:1. University of Ghana Council
2. University of Ghana Disciplinary Board
3. University of Ghana Executive Committee
4. Graduate Board (by nomination of Academic Board)
5. Academic Board
6. Faculty of Science Board
7. Residence Board
8. International Programmes Advisory Committee
9. University of Ghana Hostels, Advisory Committee
10. Steering Committee of the UNU Water Virtual Learning Centre
11. Steering Committee of the Convergence of Science Project
12. Project Working Group member of the Danish BSU-EC Platform
 |
| *Description* | Research in the area of Limnology and Freshwater Zoology;Research on coastal and estuarine systems;Climate Change and Adaptation |
| *Description* | Lecturing in Zoology (now Animal Biology and Conservation Science, Courses taught included;1. First Year (FUE) Medicine: Microscopy: , Toxic Animals (1986 - 1989)
2. B.Sc. Level 300: Introductory Limnology
3. B.Sc. Level 400: Limnology, Freshwater Zoology,
4. M.Phil.(Entomology): Ecology of aquatic insects,
5. M.Phil. (Freshwater Zoology): Advanced Limnology, Ecology of aquatic organisms, Wetlands and the Littoral zone, Aquatic Productivity.
6. M.Phil. (Environmental Science) Water Resource Management
 |

**CURRENT TEACHING**

| **Institution** | **Date** | **Full Time/Part Time** | **Subjects Taught and at what Level** |
| --- | --- | --- | --- |
| University of Ghana | 2018 to date | Full Time | Sustainability: Principles and Practices **MPhil** |
| University of Ghana | 2018 to date | Full Time | Governance and Sustainability **MPhil** |
| University of Ghana | 2018 to date | Full Time | Policy, Legislation and Institutional Arrangements for Environmental Sanitation **MPhil** |
| University of Ghana | 2014 to 2018 | Full Time | Science and Society **PhD** |
| University of Ghana | 2014 to date | Full Time | Emerging Environmental Issues **PhD** |
| University of Ghana | 2014 to date | Full Time | Environmental Management **PhD** |
| University of Ghana | 2014 to date | Full Time | Ecosystem based Disaster Risk Reduction **PhD** |
| University of Ghana | 2013 to date | Full Time | Climate Change, Vulnerability, Impact and Adaptation **MPhil/MSc** |
| University of Ghana | 2013 to date | Full Time | Climate Change and Water**MPhil/MSc** |

**SELECTED PROFESSIONAL EXPERIENCE:**

| *Country* | *Date)* | *Name and Brief Description of the Project* |
| --- | --- | --- |
| Global | 2018 | Member World Adaptation Science Programme, UN Environment |
| Africa | 2016 | CLA Chapter 3 Africa IPBES Report |
| South Africa | 2015 | Assessor NRF Biodiversity and Environment Cluster |
| Ghana | 2014 | Chair, Technical Committee on Environment, Ghana Standards Authority |
| Geneva | 2011 | UNEP Expert Panel on the Foresight Process |
| Ghana | 2010 | Lead Development of the Ghana National Climate Change Policy Framework, Ministry of Environment Science and Technology |
| Ghana | 2010 | Convener, Strategic Intent 2011 -2020 Committee, University of Ghana |
| Ghana | 2010 | Moderator, Ghana Environment and Natural Resources Summit |
| Ghana | 2009 | Gave a series of presentations on Mainstreaming Climate Change to various stakeholder Groups a) Gender b) Religious Leaders c) Media d) Civil Society, Ministry of Environment Science and Technology |
| Ghana | 2009 | Consultant to FAO: Prepared background paper for FAO 26th Africa Regional Conference on Climate Change Food security and Natural Resource Management, FAO RAF |
| Rome, Morocco, Kenya | 2009 | Consultant to FAO: Mid Term Review: Strengthening the Knowledge Base for and Implementing an Ecosystem Approach to Marine Fisheries in Developing Countries (EAF-Nansen) Project Number: (GCP/INT/003/NOR)FAO Rome |
| Ghana | 2008 | Facilitator Workshops: Ghana Environmental Management Project, Ministry of Local Government, Rural Development and Environment |
| Ghana | 2008 | Convener, Committee to Develop Background Paper for the Institute for Environment and Sanitation Studies, University of Ghana |
| Ghana | 2006 | Member of team EU Mining Sector review: Wetland Expert |
| Ghana | 2006 | Member of team for the SEA of the Densu Basin |
| Ghana | 2006 | Team Leader Aquatic Ecology Bui Dam ESIA – Sub contractor of ERM |
| Ghana | 2004 | Member of team from the Centre of African Wetlands to examine modalities for compliance to EPA directives by the Mining Sector in the area of wetland restoration – Ghana Chamber of Mines |
| Japan | 2004 | Consultant to JICA Mangrove Training Course |
| Ghana | 2003 | UNEP-GEF Preparation of a Project Document titled Trans-Boundary Diagnostic Analysis for the Integrated Management of the Volta River basin Approved US$ 4.3 million |
| Japan | 2003 | Consultant to JICA Mangrove Training Course |
| Japan | 2002 | Consultant to JICA Mangrove Training Course |
| Ghana and Kenya | 2000 | Moderator: GEF- UNEP Interactive Forum on the Africa Land-&-Water Initiative The purpose of the interactive forum is to enable a discussion to be carried out by experts in the region to debate and agree upon strategic interventions that are needed to address how actions to address land and water degradation in Africa should be undertaken. See <http://gef-forum.unep.org:8080/~Land-Water> for more details |
| Ghana and Kenya | 1999 | Consultant GEF-UNEP (International Waters) Preparation of a PDFB titled Trans-Boundary Diagnostic Analysis for the Integrated Management of the Volta River basin. Approved US$ 350,000 |
| Ghana | 1999 | Consultant and Facilitator GEF-UNEP (International Waters) to organise a Ministerial level meeting on the Volta Basin |
| Italy | 1999 | Consultant and Chairman of session (International Waters) at the Scientific Technical Advisory Panel of the GEF Expert Group Workshop on Land Degradation Inter-linkages |
| USA | 1999 | Consultant GEF-UNEP preparing Background documentation “Land-degradation Inter-linkages and International Waters” for the Scientific Technical Advisory Panel of the GEF Council Washington |
| Ghana | 1999 | Facilitator to Enterix (USA) to assemble a team of Ghana based experts to carry out Environmental Impact Assessments on thermal power plants |
| Ghana | 1998 | Member of the Working Group to draft a National Wetlands Strategy for Ghana (Ghana Coastal Wetland Management Project) World Bank |
| Ghana | 1998 | Member of a team of consultants from Acres International (Canada) requested by the Ghana EPA to prepare a restoration programme for Chemu lagoon, Tema – providing all biological/ecological inputs |
| Ghana | 1998 | Member of a team of consultants from NRi (UK) preparing proposals on development options for coastal wetlands in Ghana providing background information on wetlands as well as vetting proposed actions for environmental impact for submission to IDA.  |
| Ghana | 1998 | Member of a team of consultants working with Aid Environment (The Netherlands) to prepare a proposal on community based management of wetlands for the Amansuri lagoon for submission to The Dutch Minister for Development Co-operation (DGIS) Approved project being implemented by the Ghana Wildlife Society |
| Ghana | 1997 | Member of a team of consultants preparing a proposal for the establishment of an African Wetland Centre for submission to The Dutch Minister for Development Co-operation Approved US $ 1.1 million for Stage I |
| Ghana | 1997 | Team leader, Wetland Typology working group formulating the National Wetland Strategy (Ghana Coastal Wetland Management Project) |
| Ghana | 1997 | Team leader, Aquatic Ecology and Faunal Diversity module Monitoring studies for the Ghana Coastal Wetland Management Project |
| Ghana | 1997 - 99 | Resource person, for Environmental Health Risk Assessment for seminars on Key economic and Legal Instruments for Environmental management in West Africa organised by the Human Ecology Department of the Free University of Brussels and the International Centre for Enterprise Development |
| Ghana | 1996 | Co-team leader Aquatic Ecology, Environmental Studies Phase II, Global Environmental Facility - Ghana Coastal Wetlands Management Project. World Bank; this study involved describing the ecology and ecological character of selected wetlands as well as drafting a monitoring regime |
| Ghana | 1996 | Member of a team of consultants commissioned by Abosso Goldfields Ltd. to undertake a faunal survey of the Company’s mining concession situated in the Western region of Ghana and prepare faunal management and monitoring plans that will mitigate the effects of the mining activity |
| Ghana | 1995 | Member of a team of consultants commissioned by the Ghana Ministry of Environment, Science and Technology, to prepare the Genetic Resources of Wild Animals component of the Ghana Biodiversity Country Study  |
| Ghana | 1995 | Member of a team of consultants commissioned by the Ghana Ministry of Environment, Science and Technology, to prepare the Land use and Biodiversity component (Marine and Aquatic Resources) of the Ghana Biodiversity Country Study  |
| Ghana | 1995 | Invited Expert to the Steering Committee for the GEF-UNIDO Large Marine Ecosystem Programme for the Gulf of Guinea. Served as a facilitator and handled aspects of budgetary breakdown and planning for the meeting |
| Ghana | 1994 | Member of a group of consultants, examining the ornithology of coastal lagoons in Ghana providing support in the areas of aquatic ecology and fisheries. Global Environmental Facility - Ghana Coastal Wetlands Management Project. World Bank |
| Ghana | 1993 | Consultant to prepare an environmental appraisal of the Bewadze Salt Complex project. |
| Ghana | 1993 | Consultant, Aquatic Ecology, Environmental Studies Phase I, Global Environmental Facility Ghana Coastal Wetlands Management Project World Bank, this study involved describing the ecology and ecological character of selected wetlands as well as drafting a monitoring regime |
| Ghana | 1993 | Commissioned by The World Bank to prepare a programme plan, implementation schedule and work plan for research activities to be undertaken under the Ghana Coastal Wetlands Management Project |
| Ghana | 1992 | Research Co-ordinator to the Ghana Coastal Wetlands Management Project (Phase 1) funded by the Global Environment Facility through the World Bank. Selected for the position by fellow consultants. Duties as RC included responsibility for effective management of the project resources for research |
| Ghana | 1992 | Consultant to USAID to prepare a review on the environmental impact of the shrimp and prawn industry in Ghana as part of the USAID/Ghana Trade and Investment Programme. This project involved definition of possible impacts of shrimp farming development on coastal wetlands and wetland fauna |
| Ghana | 1992 | Fisheries Specialist to Acres International (Canada) on an Acres Project Identification team commissioned to identify appropriate development strategies and projects for South Eastern Ghana. Specific responsibility involved definition of the environmental implications of fishery development projects identified and mitigating measures this activity provided the baseline information for the Lower Volta Mangrove Project |
| Ghana | 1991 | Member of a team of consultants commissioned by the World Bank /Environmental Protection Council (EPC) to prepare management plans for Ghana's Coastal Wetlands. The work involved documentation of the value of Ghana’s coastal wetlands for wildlife and dependence of local communities on wetland resources. The management strategy produced seeks to maintain the ecological integrity of the wetlands while enhancing wetland benefits to the local communities and formed the basis for the Ghana Coastal Wetlands Management project. Project Approved US$ 7.2 million |

**Recent Graduate Students**

|  | **STUDENT NAME** | **YEAR REG** | **THESIS TITLE** | **Prof Gordon as:** |
| --- | --- | --- | --- | --- |
|  | Bariagabre Solomon AberaPhD | 2013 | The Role of Cactus Pear in Climate Change Adaptation and Restoration of Degraded Drylands in Northern Ethiopia | Co-Supervisor |
|  | Mugabe Paschal ArseinPhD | 2013 | Climate Vulnerability and Food Security in Tanzania; The case of Western Bagamoyo | Co-supervisor |
|  | Christina Okae Asare PhD | 2013 | Mainstreaming and Measuring Sustainability in Development Planning Processes: The use of Strategic Environmental Assessment as a Tool in Ghana | Principal Supervisor |
|  | Amoako Yaw KyeiPhD | 2013 | Carbon Footprint of the Mining Industry in Ghana - Case study of Newmont Akyem Gold Mine | Principal Supervisor |
|  | Lente IshmaelPhD | 2013 | Vulnerability and Adaptation of Smallholder Farmers to changes in Agro-Ecosystem Services and Climate in Semi-Arid Regions: The case of Nandom District of Ghana | Principal Supervisor |
|  | Ophelia Kaba AyambaPhD | 2014 | Ecosystem Provision Services in Semi-Arid Regions of Northern Ghana: An Assessment of Knowledge Systems, Social differentiation and Governance (?) | Principal Supervisor |
|  | Stephen Addo OduroPhD | 2014 | Assessing the Ecological Character of Coastal Wetlands in the Greater Accra Region and its Impact on the abundance of Waterbird species | Principal Supervisor |
|  | Odonkor, Benedicta A.PhD | 2015 | Analysis of social and physical vulnerability to climate induced floods and it impacts: A comparative study of selected communities in Dar es Salaam in Tanzania and Accra in Ghana.  | Principal Supervisor |
|  | Rose BuabengPhD | 2016 | Assessing Climate Change adaption strategies employed by rural women in the Upper West Region of Ghana: Implications on rural women’s livelihood  | Principal Supervisor |
|  | Emmanuel K. MagnaPhD | 2016 | Antibiotics in environmental compartments of the Volta Lake of Ghana: an emergent ecological and human health implications | Principal Supervisor |
|  | Henry K. KokofuPhD | 2016 | Causes and effects of Illegal mining in Ghana: Policy and Legislation Perspectives | Principal Supervisor |
|  | Derek Sarfo-YiadomPhD | 2016 | Green Real Estate Development: Evaluation of Energy Efficiency in Office Buildings | co-supervisor |
|  | Segnon, Alcade C.PhD | 2015 | Exploring the role of Agrobiodiversity for Climate Change Adaptation in semi-arid areas of West Africa: A case study in Mali | Principal Supervisor |
|  | Agyemang, Martha DukuMPhil | 2015 | The Impact of some Agricultural Inputs on the Quality of the Kakum River | Principal Supervisor |
|  | Abu, Thelma ZMPhil | 2014 | Exploring the Competing uses of Water in the Context of Climate Change and Variability in the Lawra District | Principal Supervisor |
|  | Myers, John HenryMPhil | 2014 | Climate Change and Blue Carbon: Above-ground Carbon Stock of Mangroves in the Lower Volta Area | Principal Supervisor |
|  | Cheryl Christina OkekeMPhil | 2013 | Towards an Ecosystem Based Disaster Risk Reduction (Eco-DRR) for Floods in some Downstream Communities of the Lower Volta, Ghana  | Principal Supervisor |
|  | Gifty NyekodziMPhil | 2013 | An Assessment of Dredging as a tool for managing the effects of Sandbar Development at the Volta Estuary | Principal Supervisor |
|  | Agyapong WirekoMPhil | 2013 | Impacts of Landuse/Cover Change on Water Quality in Lake Bosomtwe Basin of Ghana | Principal Supervisor |
|  | Ofori AmoakoMPhil | 2013 | An Assessment of Heavy Metals content of Water, Soil and Plants in some selected Coastal Communities near the Jubilee Oil Field in the Western Region of Ghana | Principal Supervisor |
|  | Forgive Awo NorvivorMPhil | 2011 | Effects of Insanitary Conditions on the Physico-Chemical Quality of Groundwater in selected Coastal Communities in Keta | Principal Supervisor |

Two students have won the Silver Medal from the Ghana Academy of Arts and Sciences for best Post-graduate thesis.

**PUBLICATIONS**

1. **BOOKS**
2. Craig A.J.F.K. and **Gordon C**. (eds.) 2000. *Proceedings of the Ninth Pan-African Ornithological Congress, Ostrich* **71**(1–2).
3. **Gordon, C**. and Amatekpor, J.K. (eds.) 1999. *The Sustainable Integrated Development of the Volta Basin in Ghana.* VBRP, Legon 159 p
4. Finlayson, C M., **Gordon, C**., Ntiamoa-Baidu, Y., Tumbulto, J., & Storrs, M 1998 *Hydrobiology of the Songor and Keta Lagoons: Implications for* W*etland Management in Ghana* Environmental Research Institute of the Supervising Scientist, Australia 165 p
5. Piersma, T. Ntiamoa-Baidu, Y., **Gordon, C**. Wiersma, P., Battley, P. Poot, M. & Nuoh, A.A. 1995 *Waterbird Ecology and Management of Coastal Wetlands in Ghana*. Wildlife Department/GWS/Netherlands Institute of Sea Research NIOZ report 6 105p (Sections 3, 4, 5, 6.1 – 3, and 9)

**Book Chapters**

1. Cormier-Salem M.-C. Dunham A.E. **Gordon C**. et al. 2018 Chapter 3: Status, trends and future dynamics of biodiversity and ecosystems underpinning nature’s contributions to people. In IPBES (2018): The IPBES regional assessment report on biodiversity and ecosystem services for Africa. Archer, E., Dziba, L., Mulongoy, K. J., Maoela, M. A., and Walters, M. (eds.). Secretariat of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services, Bonn, Germany, pp. 131–206.
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1. CV does not include full list of Presentations given; Local Workshops and Meetings attended or Student supervision topics [↑](#footnote-ref-1)