

Name : Bharati
First Name : Luna
Nationality : Nepali

Luna Bharati has worked in projects in Nepal, USA, Germany, Ghana and Burkina Faso. The key areas of her interests and expertise are in:

- Establishing observation networks for hydrological and meteorological monitoring
- Field investigation and modeling of erosion and nutrient transport and the impacts on water quality (models used: AGNPS, Erosion 3D)
- Modeling water balances and the influence of climate and land use change using distributed watershed models (e.g. WaSim-ETH, WEAP)
- Developing integrated decision support systems for water resources

Education

2004 **Ph.D** Martin Luther University, Halle-Wittenburg, Germany. *Doctoral Thesis*: The Impact of Runoff Generation Processes on Sediment and Phosphorus Transport- Field Studies and Model Application in the Schäfertal Catchment (Harz Mountains, Germany)

1997 **Master of Science (MS.)**, Water Resources, Iowa State University, Iowa, USA.

1993 **Bachelor of Arts (BA.)**, Major: Environmental Biology, Minor: Economics, Luther College, Iowa, USA.

Professional Experience *[starting with current]*

2.2006-to date	International Researcher-Hydrology and Water Resources, International Water Management Institute (IWMI), Sri Lanka
10.2003-1.2006	Senior Researcher and Team Leader of the "Runoff and Hydraulic Routing" subproject in the Glowa-Volta Project. Center for Development Research (ZEF), Bonn, Germany
09.2002-10.2003	Junior Researcher-Center for Development Research (ZEF), University of Bonn, Germany
07.1998- 03, 2002	Scientific Staff- Center for Environmental Research (UFZ), Leipzig-Halle GmbH Magdeburg, Germany
06.1994-12.1996	Research Assistant for the Riparian Management System Project- Department of Forestry, Iowa State University, Iowa, USA

Relevant Publications

Bharati, L., M. Rode, and R. Meissner 2001. Calibration and validation of continuous and event-based runoff simulations using the WaSim-ETH model. Conference on hydrological modeling. University of Bonn, Bonn, Germany. 31.10 -02.11, 2001

Bharati, L., K. H. Lee, T. M. Isenhardt, and R.C. Schultz. 2002. Soil-water infiltration under crops, pastures, and established riparian buffers in Midwestern USA. *Agroforestry Systems*. 56:249-257

Bharati, L., Rodgers, C., Shumilov, S., Plotnikova, M., Vlek, P., Integrated modeling of conjunctive use of surface and groundwater resources in a small scale irrigation system in the Volta Basin, Africa. In: *Reducing the Vulnerability of Societies Against Water Related Risks at the Basin Scale* (ed. by A. Schumann, M. Pahlow, J.J. Bogardi & P. van der Zaag) (IWRM 2006, Bochum, Germany, September 2006) IAHS- Red Book, IAHS Press (in print).

Name : Thenkabail, S.
First Name : Prasad
Year of Birth : 1958
Nationality : India; resident of USA (green card holder)

Key Qualifications

1. Global irrigated area mapping using satellite sensor data
2. Hypersectral remote sensing of agriculture and vegetation
3. Optimal waveband design for satellite sensors
4. Mapping wetlands, inland valleys, natural resources
5. Droughts and disaster studies
6. Agricultural crop biophysical and yield modeling using remote sensing

Education

1992 Ph.D. Agricultural Engineering (remote sensing: dissertation and specialization),
Ohio State University (USA)
1984 M.E. Hydraulics and Water Resources Engineering, Mysore University (India)
1981 Civil Engineering, Mysore University (India)

Professional Experience *[starting with current]*

March 2003- Head RS/GIS unit (from 2005), Group Head, Global Research
current Division(from2005), and Senior Researcher (Remote Sensing) from 2003,
International Water Management Institute (IWMI), Colombo, Sri Lanka
April 1997- Associate Research Scientist (remote sensing), Center for Earth
March, 2003 Observation (CEO), Yale University, USA.

Publications (Total number of publications: 50+ publications (3 listed)).

Thenkabail, P.S., Schull, M., Turrall, H. 2005. Ganges and Indus River Basin Land Use/Land Cover (LULC) and Irrigated Area Mapping using Continuous Streams of MODIS Data. Remote Sensing of Environment. Remote Sensing of Environment, 95(3): 317-341.

Thenkabail, P.S., Stucky, N., Griscom, B.W., Ashton, M.S., Diels, J., Van Der Meer, B., and Enclona, E. 2004. Biomass estimations and carbon Stock calculations in the oil palm plantations of African derived savannas using IKONOS data, International Journal of Remote Sensing. International Journal of Remote Sensing. 25(23):5447-5472.

Thenkabail, P.S., Enclona, E.A., Ashton, M.S., Legg, C., Jean De Dieu, M., 2004. Hyperion, IKONOS, ALI, and ETM+ sensors in the study of African rainforests. Remote Sensing of Environment, 90:23-43.

Name : Smakthin
First Name : Vladimir
Year of Birth : 1959
Nationality : Russian and South African

KEY QUALIFICATIONS

Vladimir Smakhtin has over 20 years of experience in water resources management, hydrological estimation and analyses, He holds a Ph.D from Russian Academy of Sciences with an educational background in surface hydrology and water resources. His practical project and research experience extends into hydrological modelling, environmental flow management, low-flow analyses, hydrological techniques and software development, assessment of catchment development impacts on river flow, provision of hydrological information for data-poor regions, drought management and global water availability.

EDUCATION

1981 M.Sc. (Cum Laude), Hydrology. Moscow State University, Department of Geography, Moscow. Russia.
1985 Ph.D. Hydrology and Water Resources. Water Problems Institute of the USSR Academy of Sciences, Moscow, Russia.

PROFESSIONAL EXPERIENCE

2001-to date Principal Scientist: Hydrology and Water Resources, International Water Management Institute (IWMI). CGIAR Research Centre with headquarters in Colombo, Sri Lanka.
1999-2001 Senior Scientist and Project Manager: Hydrology and Water Resources, Council for Scientific and Industrial Research (CSIR), Division of Water, Environment, and Forestry Technology, South Africa.
1993-1999 Senior Research Officer. Institute for Water Research, Rhodes University, Grahamstown, South Africa
1984-1992 Research associate. Water Problems Institute of the Russian Academy of Sciences

Selected Publications: *Author of over 70 research publications, including:*

Smakhtin, V.U., Shilpakar, R. L. AND Hughes, D.A.(2006 Hydrology-based assessment of environmental flows: an example from Nepal. *Hydrological Sciences Journal*, 51(2)

Smakhtin, V.U., Batchelor, A.L. (2005) Evaluating wetland flow regulating functions using discharge time series. *Hydrological Processes* 19: 1293-1305

Smakhtin, V.U., Revenga, C., Döll, P. (2004) A pilot global assessment of environmental water requirements and scarcity. *Water International*, 29(3)

Smakhtin, V.Y. (2001) Low-flow hydrology: a review. *Journal Hydrology*. 240(3/4): 147-186

Smakhtin, V.Y. and Masse, B. (2000) Continuous daily hydrograph simulation using duration curves of precipitation index. *Hydrological Processes* ,14: 1083-1100

Smakhtin, V.U., Sami, K., Hughes, D.A (1998) Evaluating the performance of deterministic daily rainfall-runoff model in low-flow context. *Hydrological Processes*, 12

Name	Namara
First Name	Regassa
Year of Birth	1966
Nationality	Ethiopian

Key Qualifications

Regassa Namara is a research scientist (Economist) with over 19 years of research and development experience at both national and international levels. Some of his current and past research topics include: Assessment of the technical feasibility, economic viability and farmers acceptance of agricultural water management innovations in many African and Asian countries; ex-ante and ex-post evaluation of the economic benefits of research programs/projects; assessment of the contribution of agricultural water management innovations to poverty reduction and food security; water policy analyses (food and water demand projections at national and basin levels), and technology adoption analyses

Education

1987 B.Sc. (with distinction), Agricultural economics, Alemaya University, Ethiopia.
1994 MSc, Agricultural Economics, University of London, England..
2002 Ph.D. (Magna cum laude), Socioeconomics of Rural Development, University of Gottingen, Germany

Relevant experience for Basin Focal Projects

Regassa is a project leader for Agricultural Water Innovations Inventory in 9 Southern African countries and application of PODIUMSIM model to Ethiopia and Republic of Southern Africa. He has designed and implemented research on determinants of adoption of micro-irrigation technologies and the system of rice intensification in Sri Lanka and India.

Selected Papers

Namara, R.E.; Upadhyay, B.; Nagar, R.K.2005. Adoption and impacts of micro-irrigation technologies: Empirical results from selected localities of Maharashtra and Gujarat states of India. Research Report 93. Colombo, Sri Lanka: International Water Management Institute.

Regassa E. Namara and Winfrid Manig. 2004. Returns to Alternative Organizational Models of Wheat Breeding Research: Simulation Results from Ethiopia. Indian Journal of Agricultural Economics, Vol, 59 (2): 231-248.

Hussain, I., **Regassa E. Namara** and Samad, M. 2003. Water for food security for the poor. Thematic paper prepared for the 'Water and Poverty Initiative' led by the Asian Development Bank, Third World Water Forum, 16-23 March, Kyoto, Japan. (http://adb.org/Documents/Events/2003/3WWF/Thematic_papers.pdf)

Saleth, R. M., **Regassa E. Namara** and If the recipient needs access to protected intellectual property, Recipient shall also submit the agreement that it has reached regarding access, as it is imperative that results of the services supported by this Grant shall be available free of charge as public goods. Samad, M. 2003. Dynamics of irrigation-poverty linkages in rural India: Analytical framework and empirical analysis. Water Policy, 5(2003), 459-473.

Name : Maiga
First Name : Amadou Hama
Year of Birth : 1956
Nationality : Mali

Education

1979 Degree in Civil Engineering/ Option Hydraulics ; Ecole Nationale d'Ingénieurs (ENI), Bamako
1981 Postgraduate in Sanitary Engineering ; Ecole Inter Etats d'Ingénieurs de l'Equipement Rural (EIER) Ouagadougou
1989 Master of Science in Environment ; Swiss Federal Institute of Technology (EPFL), Lausanne-Switzerland
1996 PhD Department of "Genie Rural" Swiss Federal Institute of Technology (Ecole Polytechnique Federale de Lausanne EPFL), Lausanne-Switzerland, Speciality Sanitary Engineering

Professional Experience

May 2005 Deputy Director General and Director of Research of the EIER-ETSHER
1997-2005 Director of Research Department of the EIER-ETSHER> Group, and Director of Publication of the journal <Sud Sciences et Technologies>
1996-1997 Head of the department of Sanitary Engineering at Ecole Inter Etats d'Ingénieurs de l'Equipement Rural Ouagadougou (EIER)
1989-1996 Head of Postgraduate Programme of Sanitary Engineering at Ecole Inter Etats d'Ingénieurs de l'Equipement Rural Ouagadougou (EIER)
1985-1989 Lecturer and searcher at Ecole Inter Etats d'Ingénieurs de l'Equipement Rural (EIER) Ouagadougou
1983-1985 Secretary General and Lecturer at Ecole Nationale d'Ingénieurs (ENI), Bamako
1982-1983 Engineer at the Water Company of the city of Lausanne (Switzerland)
1981-1982 Lecturer at "Ecole Nationale d'Ingénieurs" (ENI), Bamako: Mali

Selected Publications:

Yonkeu S, **Maiga A.H.**, Wethé J., Mampouya M., Maga G.P.; *Conditions socio-économiques des populations et risques de maladies dans le bassin versant du barrage de Yitenga au Burkina Faso* ; Vertigo- la revue en sciences de l'environnement, vol.4, n°1 P. 1à 15, Canada 2003

Traoré E.S., Yacouba H., **Maiga A.H.**, *Improving GIS Data Models Capabilities to Manage Uncertainty and Vagueness as Fuzzy Information*; Land and Water Use Planning and Management, ENVIROWATER2003, Albacete,-SPAIN 2003

Maiga A.H., Pereira L.S, Musy A. *Valorisation et Gestion durable des Systèmes Hydriques pour une Santé et une Productivité Améliorée dans les Régions Chaudes* Envirowater 2002, édition du Groupe E.I.E.R-ETSHER-CIGR, 2002

Maiga A.H. ; *Recherche Scientifique et Développement dans les pays d'Afrique Subsaharienne. : Conférence sur « la Coopération Scientifique avec les pays émergents et en développement : 30 ans de coopération, bilan et perspectives ».* Ecole Polytechnique Fédérale de Lausanne 15 juin 2001.

Name : Darko
First Name : Philip
Year of Birth : 1958
Nationality : Ghanaian

Education

1997 – 2001 Charles University - Prague, Czech Republic Ph.D.[Hydrogeology, Applied Geophysics & Environmental Geology]
1992 – 1993 National University of Ireland Galway, Ireland MSc.[Engineering Hydrology]
1983 – 1989 Charles University Prague, Czech Republic MSc./RNDr.[Hydrogeology, Engineering Geology & Applied Geophysics]
1980 – 1982 University of Ghana Legon, Ghana [Geology, Physics & Chemistry]

Professional Experience

1991– Present Water Research Institute (WRI) CSIR, Accra

- Groundwater Resource Assessment and Groundwater Flow Modelling
- Groundwater Resources Investigations including Borehole Feasibility Studies, Borehole Design and Performance Assessment, and Water Quality Assessment.
- Groundwater Contamination Studies including Hydrogeological Aspects of Site Investigations, Hydrogeological Risk Assessment, Groundwater Remediation Design and Implementation
- Design and Implementation of Monitoring Well Networks

Membership of Professional Bodies

- Ghana Institution of Geoscientist (GhIG)
- Ghana Science Association (GSA)
- Geological Society of America (GSA)
- European Geophysical Society (EGS)
- International Association of Hydrogeologist (IAH)

Selected Publications:

Darko, P. K. 2005. Transmissivity anomalies and prospects for groundwater exploration in hard rock aquifers of Ghana, *Ghana J. Sci.* 45. (2005), 9-17.

Kankam-Yeboah, K., **Darko, P. K.** & M. Nishigaki, 2005. Sustainable groundwater exploration under natural conditions in SW Ghana, *J. Fac. Environ.Sic. & Tech.*, Okayama Univ. 10 (1), 83-88.

Darko, P. K. & J. Krásný 2003. Regional transmissivity and groundwater potential in hard rocks of Ghana, in *Groundwater in Fractured Rocks* (eds. J. Krásný et al.), IHP-VI Series on Groundwater No. 7, 33rd IAH Conference Prague.

Name	Rodgers
First Name	Charles
Year of Birth	1953
Nationality	United States

Key Qualifications:

Water resources engineer specializing in integrated engineering - economic analysis. Project manager and scientific coordinator for two major water resources studies: ZEF-UniBonn's GLOWA Volta (West Africa) and IFPRI/ADB's Irrigation Investment, Fiscal Policy and Water Resources Allocation in Indonesia and Vietnam. Water & irrigation sector experience in Indonesia, India, West Africa and the U.S. Expertise in statistical hydrology, irrigation and agricultural water management, economics of irrigated agriculture, hydrologic field methods, simulation modeling, operations research, integrated river basin planning and management and water law and governance.

Education

1997	Ph.D. Civil & Environmental Engineering (Hydrology), University of Wisconsin (USA)
1989	M.S. Agricultural and Applied Economics, University of Minnesota (USA)
1984	B.A. Economics, University of Wisconsin (USA)

Professional Experience *[most recent only]*

May 2004-current	Senior Researcher, Bonn University, Center for Development Research (ZEF), Walter-Flex-Str. 3, D-53113 Bonn, Germany; Scientific Coordinator, GLOWA Volta Project
February 2004 - April 2004	Independent Consultant to the World Bank (Sanyu Consultants, HIB Otsuka; Kita Otsuka 1-13-17 Toshima-Ku; Tokyo 170-0004, Japan) Water Use Rights in Indonesia, Stage II
June 2000 – February 2004	Postdoctoral Scientist, International Food Policy Research Institute (IFPRI), Environment & Production Technology Division, 2033 K Street NW, Washington DC 20006-1002 USA. Project manager & principal scientists, IFPRI-ADB project <i>Irrigation Investment, Fiscal Policy and Water Resources Allocation in Indonesia and Vietnam</i> (RETA 5866).

Publications (Total number of publications: 20+ ; most recent 3 listed).

Rodgers, Charles, Nick van de Giesen, Wolfram Laube, Maria Plotnikova and Eva Youkhana, 2006. *The GLOWA Volta Project: A Framework for Water Resources Decision-Making and Scientific Capacity Building in a Transnational West African Basin*. Water Resources Management, in press.

Hendrickx, Jan, Sung-ho Hong, Jan Friesen, Halidou Compaore, Nick van de Giesen, **Charles Rodgers**, Paul L.G. Vlek, 2006. *Mapping Energy Balance Fluxes and Root Zone Soil Moisture in the White Volta Basin using Optical Imagery*. SPIE (International Society for Optical Engineering), forthcoming.

Sarwan, Suharto, Tjoek Walujo Subijanto and **Charles Rodgers**, 2006. *Development of Water Rights in Indonesia*. Chapter 10 in B. Bruns, C. Ringler and R. Meinzen-Dick, Ed.'s, Water Rights Reform – Lessons for Institutional Design. Washington, D.C.: International Food Policy Research Institute.

Name Jaenicke
First Name Hannah

Key Qualifications:

Hannah Jaenicke is the Director of the International Centre for Underutilised Crops. She is a versatile researcher-cum-manager having spent considerable time of her 18-year career in research as a plant physiologist, as well as having gained solid research management experience with DFID's Forestry Research Programme. With a first degree in plant breeding, a doctorate in tree physiology and a subsequent career in international development and agroforestry, Hannah combines academic and development expertise with a focus on alleviating poverty. More recently, Hannah has taken a keen interest in the role of forestry and watershed management in mitigating climate change and supporting poor people through payment schemes for environmental services.

Hannah has great interest in the training and mentoring of younger staff, and a keen eye for communication of research results. Hannah has field experience in Brazil, Cameroon, Costa Rica, Ethiopia, Indonesia, Israel, Kenya, Malawi, Mexico, Nepal, Nigeria, Peru, Rwanda, Sri Lanka, Tanzania, Uganda, Zambia and Zimbabwe.

Education:

- Ph.D. Botany (Plant Physiology), Darmstadt University, Germany and Beer Sheva University, Israel with a stipend of Minerva Foundation of the German Ministry for Science and Technology, 1991
- M.Sc. Agriculture (Plant Breeding), Bonn University, Germany, 1987

Employment Record:

2005 - date International Water Management Institute (IWMI), Colombo, Sri Lanka: Director, International Centre for Underutilised Crops (ICUC – hosted by IWMI)
2001 - 2005 Natural Resources International Ltd., East Malling, U.K.: Deputy Manager of DFID's centrally-funded Forestry Research Programme (FRP)
1992 - 2001 International Centre for Research in Agroforestry (ICRAF), Nairobi, Kenya:
1995 – 2001: Scientist and leader, Propagation Systems Project
1992 – 1994: Associate MPTS Database Manager

Recent /Current Relevant Assignments / Projects:

- Spearheading the development of a global strategic framework for underutilised plant species research and development
- Leading research on value chains of underutilised plant species
- Coordinated Asia regional project on underutilised fruit processing and marketing
- Coordinated and edited numerous policy briefs on land-use and watershed management practices
- Monitored and evaluated watershed management projects
- Participated in germplasm collections of indigenous trees in East and Southern Africa and Latin America
- Led research in propagation of indigenous trees in Africa and Latin America
- Member of IUCN Commission for Ecosystem Management

Name : Van de Giesen
First Name : Nicolaas
Nationality : Netherlands

Education:

1994 *Cornell University, Ithaca, NY*
Ph.D., Major: Soil and Water Engineering
Minors: Anthropology, Remote Sensing
1987 *Agricultural University of Wageningen, Netherlands*
M.Sc., Major: Land and Water Management
Minors: Agrarian Law of Non-Western Societies, Hydrology
1985 *Agricultural University of Wageningen, Netherlands*
B.S., - Land and Water Management

Professional Experience

2004 -to date *Technical University Delft,*
Professor at the Faculty of Civil Engineering holding the chair of Water Resources Management.
1998 - 2004 *Center for Development Research (ZEF) – Bonn University,*
Senior Scientist responsible for hydrological activities within multi-disciplinary research projects in developing countries.
1/98-08/98 *Cornell University*
Research Associate involved in watershed management research and teaching. Responsible for development of user friendly non-point source pollution movement simulation module within integrated watershed management software.
West Africa Rice Development Association
1994-1997 Hydrologist responsible for the hydrological characterization and modeling of the West African upland/lowland continuum landscape. Work included field research, fund acquisition, student supervision, and scientific network building. Activities covered establishment of experimental watersheds, measuring and modeling impact of lowland rice cultivation, and leading a regional program for application of radar satellite imagery in water resource management.

Selected Publications:

Delineation of soil-landscape units along hillslopes to identify the spatial domains of hydrological processes. Park, S.J., **Nick van de Giesen**. *Journal of Hydrology*, 2004, 295(1-4):28-46
The GLOWA-Volta project: Integrated assessment of feedback mechanisms between climate, landuse, and hydrology." **Nick van de Giesen**, Harald Kunstmann, Gerlinde Jung, Jens Liebe, Marc Andreini, Paul L.G. Vlek. *Advances in Global Change Research*, 2002, Vol 10: 151-170
Water Sharing in the Volta Basin. Marc Andreini, Paul Vlek, **Nick van de Giesen**. *IAHS Publication 274: FRIEND2002: 329-335*, 2002
Characterization of West African shallow flood plains with L- and C-Band radar. **Nick van de Giesen**. *IAHS Publication 267: Remote Sensing and Hydrology 2000: 365-367*, 2001
Competition for water resources of the Volta Basin. **Nick van de Giesen**, Marc Andreini, Annette van Edig, Paul Vlek. *IAHS Publication 268: 99-205*, IAHS Press, 2001

Name : Barry
First Name : Boubacar **Maiden Name:**
Year of Birth : 1953
Nationality : Senegalese

Education

1982 Engineering Diploma at Polytechnic Institute of Iasi, Romania
1990 M.Sc. in Agricultural Engineering at Michigan State University , M
1997 Ph.D in Agricultural and Biological Engineering at Purdue University, IN

Professional Experience *[starting with current]*

March 2003 - Regional Researcher, international Water Management Institute, Ghana Office
2002 – 2003 Consultant for FAO and IWMI-SA
2001 – 1999 TCP/Sen/FAO Coordinator for the Special Program for Food Security in Senegal (SPFS)
1998- 1999 CNCR/ASPRODEB Supervisor for the Special Program for Food Security (SPFS).
1998-1982 Researcher at the Senegalese Agricultural Research Institute (ISRA)

Key Qualifications

Boubacar Barry has 22 years of working experience as a scientist in hydrology and soil and water conservation engineering. He has extensive experience in planning, implementing and supervising research projects as well as development projects in Senegal and in several other West African countries. His research interests are soil and water engineering with interests in hydrology, water quality, drainage, irrigation and erosion control. These applications are supported with basic research in fields of GIS, numerical modeling and expert systems. Boubacar Barry started his professional carrier as a researcher at the Senegalese Agricultural Research Institute (ISRA). From 1982 to 1997 he was coordinator of the research programme on integrated watershed management in the Lower Casamance region. From 1997 to 2000, he worked as a scientific advisor of the Senegalese Farmers' Association and helped implement and coordinate the FAO Special Food Security Programme. From 2000 to February 2003, Dr. Barry worked as an international consultant for FAO and IWMI on various programmes such as water resources development and intensifying rainfed agriculture in Sub Saharan Africa. Dr. Barry joined IWMI on March 1st, 2003 as a regional Researcher. He is author and co-author of 35 conference papers, 58 reports and publications, co-editor of 2 books. He is member of the American Society of Agricultural Engineers and the West African Chapter of Agricultural Engineers.

Relevant Publications

1. Modelling Groundwater flow and quality behind an anti-salt dam in Lower Casamance Senegal (1990) MSc Thesis; Michigan State University, East Lansing, MI, USA.
2. Impact of Watershed Management on Water Resources and Anti-salt dam design in Casamance SENEGAL (1997) PhD. Dissertation; Purdue University, West Lafayette, IN, USA.
4. Groundwater management behind an anti-salt dam (1988). Communication presented at FAO workshop, "Wetlands in West Africa". Accra, Ghana, Dec., 1988
6. Evaluation of Best Management and Practices using an Integrated GIS And SWAT Model for field size Areas, Paper N° 972162, ASAE Meeting Presentation Minneapolis, MN., 1997.

Name : Wolfram Laube

Nationality : German

Anthropologist with strong experience in qualitative and quantitative research in interdisciplinary research teams in Northern America and Africa. Focus on:

- Local politics and institutional change
- National policies and local governance of natural resources
- Socio-economic adaptation to environmental and climate change
- Civil society and public participation in decision making process
- Knowledge exchange and the interface between science and decision makers

Education

2006 PhD in Social Anthropology, University of Cologne, Thesis: Changing Natural Resource Regimes in Northern Ghana. Actors, Structures and Institutions

2000 M.A. in Anthropology from the University of Cologne

1991-2000 Anthropology, Sociology, African Studies and Portuguese at the University of Cologne

1996 Anthropology, Development Studies and African Studies at the School of Oriental and African Science (SOAS), London

1990-91 Biology at the Free University of Berlin

Professional Experience

2005-present *Center for Development Research (ZEF) – Bonn University*, Senior Researcher

- Coordination of the GLOWA Volta subproject ‘Knowledge Exchange and Participatory Decision Support in The Volta Basin’
- Coordination of the research project. ‘Knowledge, Power and the Civil Society Influence on Decision Making in Ghana’s Water Sector’
- Coordination of the interdisciplinary pilot study ‘Farmer-driven Irrigation Development in the White Volta Basin (Anayerede and Atankwidi catchments)
- Co-coordination of the ‘White Volta Basin Pump Irrigation Study’

2001-2005 *Center for Development Research (ZEF) – Bonn University*, Junior Researcher
Study on local institutions in water and land management in Northern Ghana and the interface between local and statutory resource regimes.

1998 *‘Land Use Planning Project in Oromia Region’(LUPO / GTZ), Addis Ababa, Ethiopia*, Consultant producing a baseline study on social, economic, political aspects of natural resources management.

Relevant Publications:

Changing Natural Resource Regimes in Northern Ghana. Actors, Structures and Institutions. (forthcoming). Transaction Publishers. New Brunswick. NJ.

Ghana Water Law and Policy: Current Trends and Hydrological Input. (2006) By Wolfram Laube and Nick van de Giesen In: Hydrological information in water law and policy: current practice and future potential. By J.S. Wallace, P. Wouters and S. Pazvakambwa. Kluwer.

Ghana's Water Institutions in The Process of Reform. (2002) By Annette van Edig, Wolfram Laube and Stefanie Engel. In Susanne Neubert et al. (eds.), Reforming Institutions for Sustainable Water Management. Bonn: German Development Institute. pp. 31-50.

Name: Gordon, Christopher
Nationality: Ghanaian
Date of Birth: 27 December 1958

Education:

1995 Ph.D. Human Environmental Sciences London
 1986 M.Sc. Zoology [Freshwater Zoology Option] Legon,
 1983 Post-Graduate Certificate in Limnology, (UNESCO/Austrian Academy of Sciences).
 1980 B.Sc. Zoology (Hons.) Legon, 2nd Class Upper division

Key Qualifications:

An Environmental Scientist with many years of experience as a limnologist and aquatic resource management advisor, with special interest in biodiversity of coastal, wetlands, freshwater systems and the functioning of such systems, As a Professor with the Volta Basin Research Project and the Interim Director of the Centre for African Wetlands, has been involved in many policy decisions and provided policy guidance on aquatic resources and their management as well as general wetland and general biodiversity conservation issues to government and non-governmental organisations.

Professional Experience

2006 to date	Visiting Professor , University of Ryukyus, Okinawa, Iriomote Tropical Biodiversity Research Centre. (on a two year sabbatical)
2005 to date	Learning Circle Coordinator: Sustainable Development , The Scholar Ship, Baltimore, USA www.thescholarship.com
2003 - to 2006	Dean, International Programmes University of Ghana
2001 to date	Coordinator , Global Mangrove database and Information System GLOMIS www.glomis.com
2000 – 2003	Interim Director for the Centre for African Wetlands
1998 – 2003	Programme Co-ordinator of new M.Phil in Environmental Science by appointment by the Vice-chancellor
1996 - 1998	Project Co-ordinator , Lower Volta Mangrove Project (on leave from the University of Ghana) Funded by the Department of International Development (DFID) – UK
1986 – to date	Starting as a Research Fellow rose to position of Associate Professor , with the Volta Basin Research Project, University of Ghana
1984 – to date	Scientific Expert

Relevant Publications

- Gordon, C., & Ibe, C., (2006) Land Based Sources of Pollution in West Africa: Current status and trends (in press) State of the Environment on issues related to the protection of the marine environment from land based activities. UNEP-GPA-LBA
- Gordon, C., (2003) Aquatic Resource Management and Freshwater Ecosystems in West Africa (In *Conservation, Ecology, and Management of African Freshwaters*. T.L. Crisman, L.J. Chapman, C.A. Chapman, and L.S. Kaufman (editors). University Press of Florida, Gainesville, Florida.
- Gordon, C., (2000) Hyper-saline Lagoons as conservation habitats: macro invertebrates at Muni Lagoon, Ghana *Biodiversity and Conservation* 9 (4): 465-478
- Gordon, C. and Amatekpor, J.K. (eds.) 1999 *The Sustainable Integrated Development of the Volta Basin in Ghana*. VBRP, Legon 159 p