

Patrick joined the Kwame Nkrumah University of Science and Technology in 2016 as a Lecturer in the Planning Department. Patrick's background is in human geography with broad experience in urban and regional planning gained through teaching and research conducted at universities in Ghana and Australia. Patrick joined the Charles Sturt University in 2011 and worked in the areas of regional planning, natural resource management, climate change and development of research packages to guide urbanisation and sustainable development in Africa focusing on Ghana. More recently, Patrick was one of the theme leaders for 'Managing Africa's Multicultural Originated Cities (MAMOC) in an Era of Global Urbanisation' project. He has also contributed to collaborative projects with researchers at University of Southern Queensland, Australia, Georgia State University, USA, Charles Sturt University, Australia and University of Energy and Natural Resources, Ghana. He is a member of the Ghana Institute of Planners, and a Visiting Scholar at the Stellenbosch Institute for Advanced Study (STIAS) at Stellenbosch University, Cape Town South Africa. Patrick's current research interests include urban studies; regional planning; environmental conservation; local development; sustainable cities; climate change adaptation; tourism planning and management. He has published widely on these subjects.

EMPLOYMENT

Kwame Nkrumah University of Science and Technology, Kumasi, Ghana

Lecturer in Land Use and Environmental Planning, Department of Planning	2016-pr.
Teaching and Research Assistant, Department of Planning	2009-10

Charles Sturt University, Albury, NSW, Australia

Adjunct Research Fellow, Institute for Land, Water and Society	2014-pr.
Subject Coordinator/Research Assistant, School of Environmental Sciences	2011-16

Mpohor Wassa East District Assembly, Dabose, Ghana

Trainee Planner, District Development Planning Office	2008-08
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Sekondi-Takoradi Metropolitan Assembly, Sekondi, Ghana

Trainee Planner, Metropolitan Development Planning Office	2007-07
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AFFILIATIONS

Visiting Scholar, <i>Stellenbosch University</i> , Stellenbosch Institute for Advanced Study	2017-pr.
Editorial Board Member, <i>Ghana Institute of Planners' Planning & Development Review</i>	2016-pr.
Member, <i>Ghana Institute of Planners</i>	2016-pr.
Adjunct Research Fellow, <i>Charles Sturt University</i> , ILWS	2014-pr.
PhD Candidate Affiliate, <i>Charles Sturt University</i> , School of Environmental Sciences	2011-14

EDUCATION

Charles Sturt University, Australia

Ph.D. in Human Geography, School of Environmental Sciences 2011-14
 Awards: CSU Post-PhD Writing-Up Award (2014); CSU Faculty of Science
 PhD Scholarship Award (2011-14); CSU Institute for Land, Water and
 Society Top-up Award (2012-13)

Kwame Nkrumah University of Science and Technology, Ghana

B.Sc. (Hons) Human Settlement Planning, Department of Planning 2005-09
 Awards: First Class Honours; Best Student of a graduating class of 48 students

AWARDS AND HONOURS

Visiting Scholarship, Stellenbosch University, STIAS Fellowship Programme	2017
Best Article, Editors Award, ScienceDirect Environmental Development Journal	2015
Recipient, CSU Post-PhD Writing-Up Award	2014
Recipient, CSU Faculty of Science PhD Scholarship Award	2011
Recipient, CSU Institute for Land, Water and Society Top-up Award	2012

RESEARCH INTERESTS

Urban studies; regional planning; environmental conservation; local development; sustainable cities; climate change adaptation; tourism planning and management.

MAJOR RESEARCH PROJECTS

Planning and people

Goal: This project focuses on understanding urban planning in developing countries of Africa, particularly Ghana. It seeks to understand the meaning of urban planning in the African context, local attitudes towards urban planning, experiences and outcomes of urban planning in a rapidly urbanising continent, and provides critical reflections on ways of engaging with African urban planning moving forward.

Conservation and livelihood

Goal: This project examines environment-development relations in Africa focusing on Ghana. It examines this relationship in order to understand: (i) the influence of conservation efforts on local livelihoods; (ii) local support for conservation efforts; and (iii) the influence of tourism on conservation and on improving local livelihoods.

3D print a house for development: climate change adaptation in African urban planning

Goal: This project is the first in the world to examine the 3D printing of buildings for sustainable development in the Global South. It examines the intersection of climate change and urbanisation in order to understand more about: (1) 3D printing of infrastructure for assisting

grassroots adaptation to climate change in Ghana's urban planning future; (2) The impacts of climate change-urbanisation interaction on sustainable development across different urban contexts; and (3) Urban planning policies/projects directed towards resilience in housing and transport demand for growing populations facing climate change, and their efficacy.

Collaborator: Dr Thomas Birtchnell (University of Wollongong, Australia)

BOOK CHAPTERS (PEER REVIEWED)

Cobbinah, P.B. & Adams, E. A. (2017). Urbanisation and electric power crisis in Ghana: trends, policies and socio-economic implications. In: G. Benna (ed.). *Urbanisation and Its Impact on Socio-Economic Growth in Developing Regions*. Hersey, PA, USA: IGI Global.

Cobbinah, P.B. & Erdiaw-Kwasie, M. (2016). Urbanisation in Ghana: Insights and implications for urban governance, In S.B. Garba (ed.), *Population Growth and Rapid Urbanisation in the Developing World* (pp. 82-104). Hershey, PA, USA: IGI Global.

Cobbinah, P.B., Okyere, D.K. & Gaisie, E. (2016). Population growth and water supply: The future of Ghanaian cities, In S.B. Garba (ed.), *Population Growth and Rapid Urbanisation in the Developing World* (pp. 231-252). Hershey, PA, USA: IGI Global.

Cobbinah, P.B., Thwaites, R. & Black, R. (2015). Ecotourism as a mechanism for achieving a green economy in developing countries: Experiences from Ghana, In V. Reddy & K. Wilkes (eds.), *Tourism in the green economy*. (pp. 225-241). London: Routledge.

PAPERS/JOURNAL ARTICLES (PEER REVIEWED)

2017

Cobbinah, P. B., Poku-Boansi, M., & Peprah, C. (2017). Urban environmental problems in Ghana. *Environmental Development*. <https://doi.org/10.1016/j.envdev.2017.05.001>

Cobbinah, P.B., Poku-Boansi, M. & Adarkwa, K.K. (2017). Develop first, make amends later: accessibility within residential neighbourhoods in Ghana. *Journal of Housing and the Built Environment*, 1-21. doi: 10.1007/s10901-017-9544-7.

Cobbinah, P. B., & Aboagye, H. N. (2017). A Ghanaian twist to urban sprawl. *Land Use Policy* 61 (2017) 231–241. <http://dx.doi.org/10.1016/j.landusepol.2016.10.047>

Cobbinah, P. B., & Niminga-Beka, R. (2017). Urbanisation in Ghana: Residential land use under siege in Kumasi central. *Cities*, 60, Part A, 388-401. doi: <http://dx.doi.org/10.1016/j.cities.2016.10.011>

Black, R., & **Cobbinah, P. B.** (2017). On the rim of inspiration: performance of AWF tourism enterprises in Botswana and Rwanda. *Journal of Sustainable Tourism*, 1-17. <http://dx.doi.org/10.1080/09669582.2017.1296454>

2016

Cobbinah, P. B., Poku-Boansi, M., & Asomani-Boateng, R. (2016). Urbanisation of Hope or Despair? Urban Planning Dilemma in Ghana. *Urban Forum*, 1-18. doi:10.1007/s12132-016-9293-9

- Cobbinah, P. B.**, & Darkwah, R. M. (2016). Toward a more desirable form of sustainable urban development in Africa. *African Geographical Review*, 1-24. doi:10.1080/19376812.2016.1208770
- Obeng-Atuah, D., Poku-Boansi, M., & **Cobbinah, P. B.** (2016). Pedestrian crossing in urban Ghana: Safety implications. *Journal of Transport & Health*. doi:10.1016/j.jth.2016.06.007
- Korah, P. I., **Cobbinah, P. B.**, Nunbogu, A. M., & Gyogluu, S.(2016). Spatial plans and urban development trajectory in Kumasi, Ghana. *GeoJournal*, 1-22. doi: 10.1007/s10708-016-9731-1
- Cobbinah, P.B.** & Darkwah, R. M. (2016). African urbanism: the geography of urban greenery. *Urban Forum*. doi: 10.1007/s12132-016-9274-z
- Korah, P. I., & **Cobbinah, P. B.** (2016). Juggling through Ghanaian urbanisation: flood hazard mapping of Kumasi. *GeoJournal*, 1-18. doi:10.1007/s10708-016-9746-7
- Cobbinah, P.B.** & Anane, G.K. (2016). Climate change adaptation in rural Ghana: Indigenous perceptions and strategies. *Climate and Development*. 8(2), 169-178. doi: 10.1080/17565529.2015.1034228.
- Black, R., & **Cobbinah, P. B.** (2016). Local attitudes towards tourism and conservation in rural Botswana and Rwanda. *Journal of Ecotourism*, 1-27. <http://dx.doi.org/10.1080/14724049.2016.1258074>
- Cobbinah, P.B.** & Darkwah, R.M (2016). Urban planning and politics in Ghana. *GeoJournal*, 1-17. doi: 10.1007/s10708-016-9750-y
- Cobbinah, P. B.** & Darkwah, R.M. (2016). Reflections on tourism policies in Ghana, *International Journal of Tourism Sciences*, 1-21. doi: 10.1080/15980634.2016.1212595
- 2015**
- Cobbinah, P.B.**, Gaisie, E. & Owusu-Amponsah, L. (2015). Peri-urban morphology and indigenous livelihoods in Ghana. *Habitat International*, 50, 120–129, <http://dx.doi.org/10.1016/j.habitatint.2015.08.002>
- Cobbinah, P.B.**, Erdiaw-Kwasie, M.O. & Amoateng P. (2015). Africa's urbanisation: Implications for sustainable development. *Cities*. 47, 62-72. <http://dx.doi.org/10.1016/j.cities.2015.03.013>.
- Cobbinah, P.B.**, Erdiaw-Kwasie, M. O., & Amoateng, P. (2015). Rethinking sustainable development within the framework of poverty and urbanisation in developing countries. *Environmental Development*, 13(1), 18-32 doi: <http://dx.doi.org/10.1016/j.envdev.2014.11.001>
- Cobbinah, P.B.** & Korah, P. I. (2015). Religion gnaws urban planning: the geography of places of worship in Kumasi, Ghana. *International Journal of Urban Sustainable Development*, doi:10.1080/19463138.2015.1074581
- Cobbinah, P.B.**, Black, R. & Thwaites, R. (2015). Biodiversity conservation and livelihoods in rural Ghana: Impacts and adaptation responses. *Environmental Development*. 15(3), 79-93. doi:10.1016/j.envdev.2015.04.006

Cobbinah, P.B., Black, R. & Thwaites, R. (2015). Ecotourism implementation in the Kakum Conservation Area, Ghana: Administrative framework and local community experiences. *Journal of Ecotourism* <http://dx.doi.org/10.1080/14724049.2015.1051536>

Cobbinah, P.B. (2015). Contextualising the meaning of ecotourism. *Tourism Management Perspectives*, 16, 179-189. doi: <http://dx.doi.org/10.1016/j.tmp.2015.07.015>

Cobbinah, P.B. (2015). Local attitudes towards natural resources management in rural Ghana. *Management of Environmental Quality: An International Journal*, 26(3), 423 - 436. doi: <http://dx.doi.org/10.1108/MEQ-04-2014-0061>.

2014

Amoako, C., **Cobbinah, P.B.** & Nimminga-Beka, R. (2014). Urban infrastructure design and pedestrian safety in the Kumasi central business district, Ghana. *Journal of Transportation, Safety and Security*, 6(3), 235-256, doi: 10.1080/19439962.2013.861887.

Darkwah, R.M. & **Cobbinah, P.B.** (2014). Restoring depleted urban greenery in an era of rapid urbanisation. *International Journal of Environmental, Ecological, Geological and Geophysical Engineering*, 8(10), 671-674.

Amoateng, P., **Cobbinah, P.B.** & Ofori-Kumah, K. (2014). Towards creation of sustainable enclaves for small and medium-size enterprises in Kumasi, Ghana. *International Journal of Social, Human Science and Engineering* 8(1), 333-341.

Napari, P.N. & **Cobbinah, P.B.** (2014). Environmental sanitation dilemma in the Tamale metropolis, Ghana. *International Journal of Social, Human Science and Engineering*, 8 (1), 228-233.

2013

Cobbinah, P.B., Black, R. & Thwaites, R. (2013). Tourism planning in developing countries: Review of concepts and sustainability issues. *International Journal of Social, Education, Economics and Management Engineering*, 7(4), 468-475.

Amoateng, P., **Cobbinah, P.B.** & Owusu-Adade, K. (2013). Managing physical development in peri-urban areas of Kumasi, Ghana: a case of Abuakwa. *Journal of Urban and Environmental Engineering*, 7(1), 96-109.

Cobbinah, P.B., Black, R. & Thwaites, R. (2013). Dynamics of poverty in developing countries: Review of poverty reduction approaches. *Journal of Sustainable Development*, 6(9), 25-35.

Anane, G.K., **Cobbinah, P.B.** & Manu, J.K. (2013). Sustainability of small and medium scale enterprises in rural Ghana: The role of microfinance institutions. *Asian Economic and Financial Review*, 3(8), pp. 1003-1017.

2012

Cobbinah, P. B. & Amoako, C. (2012). Urban sprawl and the loss of peri-urban land in Kumasi, Ghana. *International Journal of Social and Human Sciences*, 6 (2012), 388-397.

2011

Amoako, C. & **Cobbinah, P. B.** (2011). Slum improvement in the Kumasi metropolis, Ghana: A review of approaches and results. *Journal of Sustainable Development in Africa*, 13(8), 150-170.

Cobbinah, P. B., Black, R. & Thwaites, R. (2011). Reflections on six decades of the concept of development: Evaluation and future research. *Journal of Sustainable Development in Africa* 13(7), 134-149.

PROFESSIONAL SERVICE

Editorial Committee Member, *Planning and Development Review* 2016-pr.

Reviewer for *Cities, GeoJournal, Journal of Ecotourism, Habitat International, Journal of Environmental Planning and Management, and Applied Geography* 2014-pr.

CONFERENCE/SEMINAR/WORKSHOP PRESENTATIONS

Cobbinah, P.B. (2017, May). *3D Print a House for Development: Prototyping climate change adaptation in African urban planning*. STIAS, Wallenberg Research Centre, Stellenbosch University, South Africa, 28-31 May 2017.

Cobbinah, P.B. (2015, March). *Urban planning in Ghana: Regenerating or degenerating*. A presentation at the Australian Regional Development Conference, Albury, NSW, Australia, August 26- 28.

Cobbinah, P.B. (2015, November). *Urban sprawl and peri-urbanisation in Ghanaian cities. communities*. A presentation at the International Urban Design Conference, Brisbane, QLD , Australia, 16 – 18 November 2015.

Cobbinah, P.B. (2014, Feb). *Towards poverty reduction in developing countries: An analysis of ecotourism implementation in Kakum Conservation Area*. A presentation at the University of Cape Coast Tourism and Hospitality Management Department, Cape Coast, Ghana, Feb. 7.

Cobbinah, P.B. (2014, May). *Protected area and local livelihoods*. A guest lecture given to environmental science students of CSU, Albury Campus (BIO216). May 22.

Cobbinah, P.B. (2013, July). *Ecotourism and poverty reduction in Ghana: Key challenges*. Conference presentation at the Faculty of Science Higher Degree by Research Symposium, Charles Sturt University Convention Centre, Wagga Wagga, NSW, July 5-6.

Cobbinah, P. B. (2012, December). *Understanding the potential of ecotourism in poverty reduction in developing countries*. Conference presentation at the Faculty of Science Higher Degree by Research Symposium, Charles Sturt University Convention Centre, Wagga Wagga, NSW, December 1-2.

RECENT CONFERENCE/SEMINAR/WORKSHOPS ATTENDED

Authority and the Globalisation of Inclusion and Exclusion. Presentation by Hans Lindahl (Tilburg Law School, Tilburg University, Netherlands) at STIAS Fellows' Seminar Room, Stellenbosch University, South Africa, Thursday, 8 June 2017.

Celebrating Africa Day. Women Matter in Africa: Findings by McKinsey & Company. Presentation by McKinsey at JS Gericke Library, Stellenbosch University, South Africa, Monday 5 June 2017.

QBism: From the Modern Quantum Mysteries to Early American Pragmatism. Presentation by Christopher Fuchs (College of Science and Mathematics, University of Massachusetts Boston) at STIAS Fellows' Seminar Room, Stellenbosch University, South Africa, Thursday, 1 June 2017.

Devil With Blue Eyes: A Novel of Dislocation, Trauma and Mourning. Presentation by Fred Khumalo (Journalist & Author) at STIAS Fellows' Seminar Room, Stellenbosch University, South Africa, Thursday, 26 May 2017.

Controlling the Landscape and Living Things: Ancient Egyptians' Relationship with the Animal World. Presentation by Salima Ikram (Department of Egyptology, The American University in Cairo) at STIAS Fellows' Seminar Room, Stellenbosch University, South Africa, Thursday, 18 May 2017.

Six theses on the dialectic of unity and plurality in postnational law. Presentation by Kaarlo Tuori (Faculty of Law, University of Helsinki) at STIAS Fellows' Seminar Room, Stellenbosch University, South Africa, Tuesday, 16 May 2017.

TEACHING EXPERIENCE

Kwame Nkrumah University of Science and Technology, Department of Planning

Environmental Management	2017-pr.
Participatory Land Use Planning I (second year subject)	2016-pr.
Participatory Land Use Planning II (second year subject)	2016-pr.
Project Analysis and Management (third year subject)	2016-pr.
Settlement Growth and Management (third year subject)	2016-pr.

Charles Sturt University, School of Environmental Sciences

Natural Resource Management (first year subject)	2015-16
Principles of Ecotourism (second year subject)	2015-16
Research Methods (second year subject)	2014-16

STUDENTS SUPERVISION

Kwame Nkrumah University of Science and Technology, Department of Planning

MPhil

2016-18

Bernard Kwakye. Natural resource management through resilience thinking. A case study of the Kakum Conservation Area in Ghana.

Honours**2009-10**

Percy Adjei. An investigation into the effects of urbanisation on water bodies in Kumasi.

Amedzro Kofi Kekeli. Controlling slum development in Kumasi Metropolitan Area, Ghana.

Ivy Sarfowaa Owusu. Assessing the effects of urbanisation on environmental sanitation facilities, case study of Anloga, Kumasi, Ghana.

Albert Adu-Gyamfi. Assessing environmental, safety and amenity problems in the Kumasi CBD.

Samuel Siebie Ankamah. The contribution of Otuasekan Rural Bank to the development of agriculture in the Sekyere West District, Ghana.

POSTGRADUATE THESIS EXAMINER

Genevieve Sevlo (2017). Citizen Participation in Sustainable Urban Development. MPhil in Development Studies, Department of Planning, Kwame Nkrumah University of Science and Technology, Ghana.

Mark Gyamfi Aidoo (2017). Assessing the Volume and Legality of Wood used by MMDA's in Ashanti Region for Development Projects. MSc Development Policy and Planning, Department of Planning, Kwame Nkrumah University of Science and Technology, Ghana.

PROFESSIONAL MEMBERSHIPS

Ghana Institute of Planners	2016 – Present
African Urban Planning Research Network	2016 – Present
International Society for Development and Sustainability (ISDS)	2014 – Present
IUCN Tourism and Protected Areas Specialist Group (TAPAS)	2015 – Present
Charles Sturt University Institute for Land, Water and Society (ILWS)	2011 – Present
Tourism Researchers Information Network (TRINET)	2011 – Present

REFEREES

Associate Professor Rosemary Black
 PhD Advisor
 Associate Head of School,
 School of Environmental Sciences, Charles Sturt University, Australia
rblack@csu.edu.au
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Professor Max Finlayson
 Director
 Institute for Land, Water and Society, Charles Sturt University, Australia

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Dr Michael Poku-Boansi

Senior Lecturer,

Department of Planning, Kwame Nkrumah University of Science and Technology, Ghana.

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