

Dr Alex Opoku (PhD, MSc, BSc (Hons), PGCHE, FHEA, MCIOB, MRICS)

Department of Architectural Engineering, College of Engineering, University of Sharjah

Mob. +971(0)505464634

E-mail: aopoku@sharjah.ac.ae



PROFILE

I'm a Chartered Quantity Surveyor and Chartered Construction Manager with many years of teaching and learning experience in the UK Higher Education and Quantity Surveying experience in the UK construction industry. I completed a PhD in Construction & Project Management at the University of Salford and pursued a Postdoctoral Research at the Centre for Sustainable Development, Department of Engineering-University of Cambridge. I'm currently an Associate Professor in Quantity Surveying and Construction Management at the Department of Architectural Engineering, College of Engineering, University of Sharjah. I have excellent knowledge and understanding of Quantity Surveying principles and practice. I have experience in teaching at both undergraduate and postgraduate levels. I have an excellent record of accomplishment of working to meet tight deadlines. I'm actively involved in teaching and learning, research and knowledge transfer, as well as administration, academic management and leadership roles. My research interest is in the area of Sustainable Built Environment having published in various high impact academic journals, including a book on "Leadership and Sustainability in the Built Environment" published by the Taylor and Francis (Routledge) in 2015. My current research explores the link between the Sustainable Development Goals (SDGs) and the built environment.

EDUCATION

SOUTH BANK UNIVERSITY, UK PGCert. Teaching & Learning in Higher Education (PGCHE)	Jan. 2014 – Jan. 2015
UNIVERSITY OF SALFORD, UK PhD Construction & Project Management	Sept. 2009 – Apr. 2013
LEEDS METROPOLITAN UNIVERSITY, UK MSc. Quantity Surveying Commercial Management	Feb. 2006 – Feb. 2008
NOTTINGHAM TRENT UNIVERSITY, UK BSc (Hons) Building Management (2:1)	Oct. 2001 – Jun. 2005
COLLEGE OF NORTH EAST LONDON, UK HNC Building Studies	Oct. 2000 – Jun. 2001

MEMBERSHIP OF PROFESSIONAL ASSOCIATIONS

- Royal Institution of Chartered Surveyors (MRICS)
- Chartered Institute of Building (MCI OB)
- Fellow of Higher Education Academy (FHEA)

CURRENT EMPLOYMENT AND ACADEMIC EXPERIENCE

Associate Professor, Quantity Surveying & Construction Management Sept. 2021 – Date
University of Sharjah, College of Engineering, Department of Architectural Engineering, UAE

Careers Tutor Oct. 2020 – Sept. 2021
University College London, UCL Bartlett School of Construction & Project Management, UK

Associate Professor in Project Management & Quantity Surveying Oct. 2018 – Sept 2021
University College London, UCL Bartlett School of Construction & Project Management, UK

Visiting Professor Jan. 2020 – Jan. 2021
China University of Mining and Technology, School of Mechanics and Civil Engineering, China

Visiting Scholar May 2019 – Date
Chongqing Technology and Business University (CTBU), National Research Base of Intelligent Manufacturing Service, Chongqing, China

Director of Undergraduate Studies Jan. 2018 – Oct. 2020
University College London, UCL Bartlett School of Construction & Project Management, UK

Senior Lecturer in Project Management & Quantity Surveying Sept. 2016 – Sept.2018
University College London, UCL Bartlett School of Construction & Project Management, UK

Research Centre Director Feb. 2015 –Aug. 2016
Research Centre for Sustainability and Resilient Infrastructure & Communities
London South Bank University, Department of Built Environment & Architecture, London, UK

Visiting Lectureship Sept. 2014 – Aug. 2016
University of East London, School of Architecture, Computing & Engineering, London, UK

Course Director - MSc Quantity Surveying Oct. 2013 – Aug. 2016
London South Bank University, Department of Built Environment, London, UK

Senior Lecturer in Quantity Surveying Oct. 2013 – Aug. 2016
London South Bank University, Department of Built Environment, London, UK

Postdoctoral Research Associate Sept. 2012 – Oct. 2013
University of Cambridge, Centre for Sustainable Development, Cambridge, UK

Graduate Teaching Assistant Sept. 2009 – Aug. 2012
University of Salford, School of Built Environment, Salford, UK

Lecturer in Quantity Surveying Jan. 2009 – Sept 2009
Kumasi Technical University, Kumasi, Ghana

INDUSTRY EXPERIENCE

Senior Quantity Surveyor Nov. 2005 – Dec. 2008
Haymills Contractors Ltd, London, UK

Quantity Surveyor/Accounts Manager Feb. 2003 – Aug. 2005
Inspace Maintain Ltd, (Willmott Dixon Property Services Ltd) London, UK

Quantity Surveyor/Assistant Estimator July 2001 – Jan. 2003
McDermott Bros. Contractors Ltd., London, UK

ADMINISTRATIVE & LEADERSHIP RESPONSIBILITIES

- Careers Tutor at the Department of Construction & Project Management, UCL
- Director of Undergraduate Studies, UCL
- Chair of Undergraduate Exam Board and UG Programme Committee, UCL
- Undergraduate Admissions Tutor, UCL
- Module Leadership at both UCL and LSBU
- Joint Course Director, MSc Project & Enterprise Management, UCL
- Course Director, MSc Quantity Surveying, London South Bank University
- Centre Director, Research Centre for Sustainability and Resilient Infrastructure & Communities (SaRIC), London South Bank University

EXTERNAL PhD EXAMINATIONS

UK PhD Examinations

- Bilal Alsheglawi (2022), *A framework for low-energy housing satisfying socio-cultural aspects in the Kingdom of Bahrain*, De Montfort University, Leicester, UK
- Mohsen Jamshidi (2021), *Managing the Influence of Stakeholders on the Scope of Major Construction Projects to Prevent Scope Creep in the BIM Era*, University of East London, UK
- Christine Nakamba (2020), *An investigation of the social sustainability practices in Zambia's mining supply chains*, The Manchester University, Manchester-UK
- Waheed Oseni (2019), *Development of Appropriate Facilities Management in a Developing Economy: Case Studies of Large Public Hospitals in Nigeria*, London South Bank University, UK
- Ndibarafinia Young Tobin (2017), *Developing a Framework for Knowledge Capture and Recovery in Whole Life Costing Practice*, Robert Gordon University-Aberdeen, UK

International PhD Examinations

- Francis Lanme Guribie (2022), *Situated Learning Framework for Personalizing Knowledge Flows Within and Across Projects in Ghana*, Kwame Nkrumah University of Science & Technology, Kumasi, Ghana
- Julius Akaba (2022), *Developing a project management framework for supporting the sustainability of emerging contractors in the Free State*, Central University of Technology, South Africa
- Richard Oduro Asamoah (2021), *Developing Profit Maximization Strategies for Firms in the Building Construction Industry*, Kwame Nkrumah University of Science & Technology, Kumasi, Ghana
- Tirivavi Moyo (2020), *Integrating sustainability dimensions into construction labour productivity determinants in Zimbabwe*, Nelson Mandela University, South Africa
- Rasheed Babatunde Isa (2017), *A mechanism for lean and sustainability: the case of infrastructure projects in South Africa*, Central University of Technology, South Africa
- Eromobor, S.O. (2016), *Sustainable design of Built infrastructure and engineering services for South Africa*, Central University of Technology, South Africa
- Bongiwe Mali-Swelindawo (2015), *A Performance Model for the effective management of public sector properties in South Africa*, Nelson Mandela Metropolitan University, South Africa

EXTERNAL COURSE EXAMINATION, VALIDATION & PANEL MEMBERSHIP

UK External Course Examination

- **External Adviser and Panel Member** for Open University Validation Partnerships (OUVP) on the validation of BSc (Hons) Construction Engineering & Management at South West College, Omagh-Belfast, May –June 2019
- **External Examiner** for BSc (Hons) Quantity Surveying and Construction Management, Anglia Ruskin University (Sept. 2016 – Dec. 2020)
- **External Examiner** for BSc (Hons) Construction Project Management and Quantity Surveying, Heriot-Watt University (Sept. 2016 – Aug. 2020)
- **External Examiner** for BSc (Hons) Quantity Surveying & Commercial Management, University of Bolton (Jan. 2016 – Dec. 2019)

International Course External Examination

- **External Examiner** for MSc Construction Economics and Management(CEM), Ardhi University, Dar es Salaam-Tanzania (October 2019 – Oct. 2021)
- **External Examiner** for BSc (Hons) Quantity Surveying, University of Rwanda (2020)

JOURNAL EDITORIAL ROLE

- **Associate Editor** - International Journal of Sustainability in Higher Education (IF=3.593; Q1), <https://www.emeraldgrouppublishing.com/journal/ijsh#editorial-team>
- **Editor** - Journal of Construction Economics and Building (IF=1.548; Q2), <https://epress.lib.uts.edu.au/journals/index.php/AJCEB/about/editorialTeam>
- Member of Editorial Board, Modern Methods of Construction Journal <http://www.modernmethodsofconstructionjournal.com/editors>
- Advisory Board member of Sustainable Cities gateway, Emerald Open Research <https://emeraldopenresearch.com/gateways/sustainablecities/about-this-gateway>
- Review Editor for Construction Management, Frontiers in Built Environment, Frontiers Open access Publishing, <https://loop.frontiersin.org/people/594125/overview>

GUEST EDITORSHIP

- **Managing Guest Editor** - Special Issue on The Sustainable Development Goals, Organizational Learning and Efficient Resource Management in Construction, *Resources, Conservation & Recycling*, 2020/21
- **Managing Guest Editor** -Special Issue on The Future of Facilities Management and Sustainable Development, *Sustainability-Open Access Journal*, 2022
- **Managing Guest Editor** -Special Issue on Sustainable Urban Regeneration for Sustainable Development, *Construction Economics and Building*, Vol. 20(2), 2020
- **Guest Editor** -Special Issue on Sustainable Development, Adaptation and Maintenance of Infrastructure, *International Journal of Building Pathology and Adaptation*, 37(1), 2019
- **Guest Editor** -Special Issue on Value for Money and Assets Management in Housing, *Journal of Facilities Management*, Vol. 16 (3), 2018
- **Guest Editor** -Special Issue on Education for Sustainable Development in the Built Environment, *International Journal of Construction Education and Research*, 14 (1), 2018
- **Guest Editor** -Special Issue on Leadership, culture and Sustainable Built Environment, *Built Environment Project and Asset Management*, Vol. 5(2), 2015
- **Associate Editor** -*The International Journal of Interdisciplinary Global Studies*, Vol, 8, Issue 1, 2014
- **Associate Editor** -*The International Journal of Environmental Sustainability*, Vol. 8, Issue 1, 201

PUBLICATIONS

Peer Reviewed Journals

- **Opoku, A.**, and Lee, J.Y. (2022), The Future of Facilities Management: Managing Facilities for Sustainable Development. *Sustainability*, 14(3):1705. <https://doi.org/10.3390/su14031705>
- Ekung, S., **Opoku, A.** and Okonkwo, C. (2022), Organisational learning and sustainability of service-based firms: a canonical correlation analysis, *International Journal of Construction Management*, <https://doi.org/10.1080/15623599.2022.2045863>
- Blay, A.V.K., Kukah, A.S.K., **Opoku, A.** and Asiedu, R. (2022), Impact of competitive strategies on achieving the sustainable development goals: Context of Ghanaian construction firms, *International Journal of Construction Management*, <https://doi.org/10.1080/15623599.2022.2048343>
- Viswalekshmi, B. R., Bendi, D. and **Opoku, A.** (2022): Exploring the Trends in Construction Waste Reduction Research: A Bibliometric Analysis, *Science & Technology Libraries*, <https://doi.org/10.1080/0194262X.2022.2047871>
- Qiao, Y., Shi, X., Ren, J., Liu, W., Shen, F., Chen, J. and **Opoku, A.** (2022), Synergetic Order Parameter Identification of Prefabricated Building Projects Based on Main Theme Analysis, *Arabian Journal for Science and Engineering*, <https://doi.org/10.1007/s13369-021-06463-0>
- Lok KL, Smith A, **Opoku A**, Chen C. (2021), The Challenges of Sustainable Development on Facilities Management Outsourcing Services: An Investigation in Educational Facilities, *Sustainability*, 13(15):8156, <https://doi.org/10.3390/su13158156>
- Ahmed, V. and **Opoku, A.** (2021), Technology supported learning and pedagogy in times of crisis: the case of COVID-19 pandemic. *Education and Information Technologies*, <https://doi.org/10.1007/s10639-021-10706-w>
- Fei, W., **Opoku, A.**, Agyekum, K., Oppon, J.A., Ahmed, V., Chen, C., and Lok, KL. (2021), The Critical Role of the Construction Industry in Achieving the Sustainable Development Goals (SDGs): Delivering Projects for the Common Good, *Sustainability*, 13(16):9112. <https://doi.org/10.3390/su13169112>
- Lok, K.L., So, A., **Opoku, A.** and Song, H. (2021), "Globalized service providers' perspective for facility management outsourcing relationships: Artificial neural networks", *Management Decision*, Vol. 59 No. 1, pp. 134-151. <https://doi.org/10.1108/MD-01-2019-0102>
- Agyekum, K., Botchway, S.Y., Adinyira, E. and **Opoku, A.** (2021), Environmental performance indicators for assessing sustainability of projects in the Ghanaian construction industry, *Smart and Sustainable Built Environment*, <https://doi.org/10.1108/SASBE-11-2020-0161>

- Ekung, S., Odesola, I. and **Opoku, A.** (2021), "Demystifying cost misperception as a challenge to green building adoption in Nigeria", *Journal of Engineering, Design and Technology*, <https://doi.org/10.1108/JEDT-01-2021-0049>
- Lok, K.L., So, A., **Opoku, A.**, Chen, C. (2021), A Sustainable Facility Management Outsourcing Relationships System: Artificial Neural Networks, *Sustainability*, 13, 4740, <https://doi.org/10.3390/su13094740>
- Umar, T., Egbu, C., Ofori, G., Honnurvali, MS., Saidani, M. and **Opoku, A.** (2021), Exploring Safety Climate Factors in Construction, *International Journal of Applied Management Science*, 13 (2), 95-123
- **Opoku, A.**, Tallon, A., Lok, K L., Chen, C X L., Umar, T. (2021), Realising Project Benefits in the Public Sector: Project Sponsor's Perspective, *Proceedings of the Institution of Civil Engineers- Management, Procurement and Law*, 174(1), pp. 7–13, <https://doi.org/10.1680/jmapl.20.00014>
- Agyekum, K., **Opoku, A.**, Oppon, A.J. and Opoku, D. J. (2020), Obstacles to green building project financing: an empirical study in Ghana, *International Journal of Construction Management*, <https://doi.org/10.1080/15623599.2020.1832182>
- **Opoku, A.**, Ahmed, V. and Ofori, G. (2020), The Sustainable Development Goals, Organizational Learning and Efficient Resource Management in Construction, *Resources, Conservation & Recycling*, 161, 104984 <https://doi.org/10.1016/j.resconrec.2020.104984>
- **Opoku, A.** and Akotia, J. (2020), Guest Editorial: Urban Regeneration for Sustainable Development, *Construction Economics and Building*, 20(2), 1-5 <http://dx.doi.org/10.5130/AJCEB.v20i2.7191>
- Akotia, J., Manu, E., **Opoku, A.** and Sackey, E. (2020), The role of built environment practitioners in driving the socio-economic sustainability aspects of sustainable regeneration, *Construction Economics and Building*, 20 (2), 89-108 <http://dx.doi.org/10.5130/AJCEB.v20i2.7145>
- Umar, T., Egbu, C., Ofori, G., Honnurvali, MS., Saidani, M. and **Opoku, A.** (2020), High Fatalities Risk Found in Gulf Construction, *International Journal of Sustainable Real Estate and Construction Economics*, 1(4), 351-376
- Umar, T., Egbu, C., Ofori, G., Honnurvali, MS., Saidani, M. and **Opoku, A.** (2020), Challenges towards renewable energy: an exploratory study from the Arabian Gulf region, In: *Proceedings of the Institution of Civil Engineers - Energy*, 173(2), pp. 68-80 <https://doi.org/10.1680/jener.19.00034>
- Umar, T., Egbu, C., Ofori, G., Honnurvali, MS., Saidani, M., **Opoku, A.**, Gupta, N. and Goh, K. (2020), UAE's Commitment Towards UN Sustainable Development Goals, In: *Proceedings of the Institution of Civil Engineers - Engineering Sustainability*, 173(7), 325-343, <https://doi.org/10.1680/jensu.19.00036>

- Lok, K. L., So, A., **Opoku, A.** and Song, H. (2019), Globalized Service Providers' perspective for Facility Management Outsourcing Relationships: Artificial Neural Networks, *Journal of Management Decision*, <https://doi.org/10.1108/MD-01-2019-0102>
- **Opoku, A.** (2019), Biodiversity and the Built Environment: Implications for the Sustainable Development Goals (SDGs), *Journal of Resources, Conservation & Recycling*, 141(1) 1-7, <https://doi.org/10.1016/j.resconrec.2018.10.011>
- **Opoku, A.** (2019), Sustainable development, adaptation and maintenance of infrastructure, *International Journal of Building Pathology and Adaptation*, 37(1), 2-5, <https://doi.org/10.1108/IJBPA-02-2019-074>
- **Opoku, A.** and Williams, N. (2019), Second-generation gender bias: An exploratory study of women's leadership gap in a UK construction organisation, *International Journal of Ethics and Systems*, 35(1), 2-23
- **Opoku, A.** and Mills, S. (2019), Exploring the use of standardised design in addressing the shortage of primary school places in the UK, *Journal of Engineering, Design and Technology*, 17(2) 383-401, <https://doi.org/10.1108/JEDT-04-2018-0073>
- Blay, K., Agyekum, K. and **Opoku, A.** (2019), Actions, attitudes and beliefs of occupants in managing dampness in buildings, *International Journal of Building Pathology and Adaptation*, 37(1), 42-53, <https://doi.org/10.1108/IJBPA-06-2018-0044>
- Agyekum, K., Blay, K. and **Opoku, A.** (2019), Mechanisms for preventing rising damp in new building infrastructure, *International Journal of Building Pathology and Adaptation*, 37(1), 87-107, <https://doi.org/10.1108/IJBPA-06-2018-0048>
- **Opoku, A.** and Guthrie, P. (2018), The Social Value Act 2012: Current state of practice in the social housing sector, *Journal of Facilities Management*, 16(3), 253-268, <https://doi.org/10.1108/JFM-11-2016-0049>
- **Opoku, A.**, Guthrie, P. and Ahmed V. (2018), Editorial: Value for Money and Assets Management in Housing, *Journal of Facilities Management*, 16(3), 234-237, <https://doi.org/10.1108/JFM-07-2018-074>
- Bondinuba, F. K., **Opoku, A.**, Owusu-Manu, D. and Donkor-Hyiaman, K. A. (2018), "Stimulating growth and improving the delivery of housing microfinance interventions: An analysis of critical demand factors", *Journal of Facilities Management*, 16(3), 238-252, <https://doi.org/10.1108/JFM-04-2017-0019>
- Lok, K. L., **Opoku, A.** and Baldry, D. (2018), Design of Sustainable Outsourcing Services for Facilities Management: Critical Success Factors, *Sustainability*, 10(7), 2292,
- Akotia, J. and **Opoku, A.** (2018), Sustainable regeneration project delivery in UK: A qualitative analysis of practitioners' engagement, *Journal of Facilities Management*, Vol. 16(1), 87-100, <https://doi.org/10.1108/JFM-05-2017-0024>
- **Opoku, A.** and Egbu, C. (2018), Students' Perspectives on the Relevance of Sustainability Literacy in a Postgraduate Built Environment Program, *International Journal of Construction Education and Research*, Vol. 14 (1), pp. 46-58

- **Opoku, A.** and Guthrie, P. (2018), Editorial: Education for sustainable development in the built environment, *International Journal of Construction Education and Research*, Vol. 14 (1), 1-3, <http://www.tandfonline.com/doi/full/10.1080/15578771.2018.1418614>
- Bondinuba, F., Hedidor, D., **Opoku, A.**, and Teye, A. (2017), De/Motivations in Housing Microfinance Delivery in Ghana, *Journal of Property Management*, Vol. 35 Issue: 5, pp.528-544, <https://doi.org/10.1108/PM-10-2016-0054>
- Chiarini, A., **Opoku, A.** and Vagnoni, E. (2017), Public healthcare practices and criteria for a sustainable procurement: A comparative study between UK and Italy, *Journal of Cleaner Production*, Vol 162, pp. 391-39, <https://doi.org/10.1016/j.jclepro.2017.06.027>
- **Opoku, A.** and Mills, S. A. (2017), Is Standardised School the answer to the shortage of Primary School places in the UK? *The Business and Management Review*, Vol. 8(4), 263-274
- Akotia, J., **Opoku, A.** and Hafiz, F. (2017), The Extent of Practitioners' Involvement in the Delivery of Sustainable Urban Regeneration Projects in UK, *European Journal of Sustainable Development* (6), 2, 147-164
- Akotia, J., **Opoku, A.**, Fortune, C. and Egbu, C. (2016), Developing a conceptual framework for assessing the socio-economic benefits of regeneration projects in the UK, *Journal of Urban Regeneration & Renewal*, 10(1), 89-99
- Akotia, J., **Opoku, A.**, Egbu, C. and Fortune, C. (2016), Exploring the knowledge 'base' of practitioners in the delivery of sustainable regeneration projects, *Construction Economics and Building*, 16(2), 14-26
- **Opoku, A.** and Fortune, C. (2015), Current practices towards achieving sustainable construction project delivery in the UK, *International Journal of Environmental, Cultural, Economic, and Social Sustainability: Annual Review*, Vol. 10, pp. 41-57
- **Opoku, A.**, Ahmed V. and Cruickshank, H. (2015), Leadership style of sustainability professionals in the UK construction industry, *Built Environment Project and Asset Management*, 5 (2), pp.184-201
- **Opoku, A.**, Ahmed V. and Cruickshank, H. (2015), Guest Editorial: Leadership, culture and sustainable built environment, *Built Environment Project and Asset Management*, Vol. 5(2)
- **Opoku, A.**, Cruickshank, H. and Ahmed, V. (2015), Organizational leadership role in the delivery of sustainable construction projects in UK, *Built Environment Project and Asset Management*, 5(2), pp.154 –169
- **Opoku, A.** and Ahmed, V. (2014), Embracing sustainability practices in UK construction organizations: Challenges facing intra-organizational leadership, *Built Environment Project and Asset Management*, 4(1), pp.90-107
- **Opoku, A.** (2013), The application of Whole life costing in the UK construction industry: benefits and barriers, *International Journal of Architecture, Engineering and Construction*, 2(1), pp.35-42

- **Opoku, A.** and Ahmed, V. (2013), Understanding Sustainability: A View from Intra-organizational Leadership within UK Construction Organizations, *International Journal of Architecture, Engineering and Construction*, 2 (2), pp.120-130
- **Opoku, A.** and Fortune, C. (2013), Implementation of sustainable practices in UK construction organizations: drivers and challenges, *The International Journal of Sustainability Policy and Practice*, 8(1), pp.121-132
- **Opoku, A.** and Fortune, C (2011), Organizational Learning and Sustainability in the construction industry, *The Built & Human Environment Review* [Online], 4(1), pp.98-107

Edited Books

- Ahmed, V., **Opoku, A.**, Olanipekun, A., Sutrisna, M. Eds. (2022), *Validity and Reliability in Built Environment Research: A Selection of Case Studies*, (London, Routledge), pp.156, ISBN: 9780429243226, <https://doi.org/10.1201/9780429243226>
- Ahmed, V., **Opoku, A.** and Aziz, Z. Eds. (2016), *Research Methodology in the Built Environment: A Selection of Case Studies*, (London, Routledge), pp.304, ISBN: 9781138849471, <http://www.tandf.net/books/details/9781138849471/>
- **Opoku, A.** and Ahmed, V. Eds. (2015), *Leadership and Sustainability in the Built Environment*, (London, Routledge), pp.158, ISBN: 978-1-138-77842-9, <http://www.routledge.com/books/details/9781138778429>

Book Chapters

- Ahmed, V., Olanipekun, A., **Opoku, A.** and Sutrisna, M. (2022), Understanding reliability in research, In: V. Ahmed, A. Opoku, A. Olanipekun and M. Sutrisna, (Eds.), *Validity and Reliability in Built Environment Research: A Selection of Case Studies*, (London, Routledge), pp. 3-15, <https://doi.org/10.1201/9780429243226>
- Olanipekun, A., Ahmed, V., **Opoku, A.** and Sutrisna, M. (2022), Understanding validity in research, In: V. Ahmed, A. Opoku, A. Olanipekun and M. Sutrisna, (Eds.), *Validity and Reliability in Built Environment Research: A Selection of Case Studies*, (London, Routledge), pp. 16-26, <https://doi.org/10.1201/9780429243226>
- **Opoku, A.**, Ahmed, V. and Akotia, J. (2016), *Choosing appropriate Research Methods*, in: V. Ahmed, A. Opoku, and Z. Aziz, (Eds.), *Research Methodology in the Built Environment: A Selection of Case Studies*, (London, Routledge), pp. 32-49
- Ahmed, V. and **Opoku, A.** (2016), Getting ready for your research: setting the scene, in: V. Ahmed, A. Opoku, and Z. Aziz, (Eds.), *Research Methodology in the Built Environment: A Selection of Case Studies*, (London, Routledge), pp. 3-10

- Emuze, F., **Opoku, A.** and Smallwood, J. (2016), *Lean and Sustainability in Construction: Creating Value*, in Fidelis A. Emuze & Tarcisio A. Saurin(Eds.) *Value and Waste in Lean Construction*, London: Routledge, pp. 72-86
- **Opoku, A.** (2015), *The Role of Culture in a Sustainable Built Environment*, in: A. Chiarini (Ed), *Sustainable Operations Management: Advances in Strategy and Methodology*, (Cham, Springer International Publishing), pp. 37-52
- **Opoku, A.** (2015), *Sustainable Development in the UK construction industry*, in: A. Opoku & V. Ahmed (Eds) *Leadership and Sustainability in the Built Environment* (London, Routledge), pp. 55-68
- **Opoku, A.** and Ahmed, V. (2015), *Leadership theory and practice for sustainable built environment*, in: A. Opoku & V. Ahmed (Eds) *Leadership and Sustainability in the Built Environment* (London, Routledge) pp. 5-17
- **Opoku, A.** and Ahmed, V. (2015), *Drivers and Challenges to the adoption of sustainable construction practices*, in: A. Opoku & V. Ahmed (Eds) *Leadership and Sustainability in the Built Environment* (London, Routledge) pp. 69-81
- **Opoku, A.** and Fortune, C. (2015), *The role of organizational leadership in the delivery of sustainable construction project practices*, in: A. Opoku & V. Ahmed (Eds) *Leadership and Sustainability in the Built Environment* (London, Routledge) pp.99-106

Peer Reviewed Conference Papers

- Xiang, Y, **Opoku, A** and Florez-Perez, L (2021) Carbon Emissions Optimisation in Prefabrication Construction: A Review of Current Design Integrated Approaches, In: Scott, L and Neilson, C J (Eds.) *Proceedings of the 37th Annual ARCOM Conference*, 6-7 September 2021, UK, Association of Researchers in Construction Management, 814-823
- **Opoku, A.**, Shangnan Zhao, S., Lok, K L., Chen, C X L., and Umar, T. (2020), Promoting employee safety performance in the Chinese construction industry, In: Scott, L and Neilson, C J (Eds) *Proceedings of the 36th Annual ARCOM Conference*, 7-8 September 2020, UK, Association of Researchers in Construction Management, 285-294
- Gade, A.N. and **Opoku, A.** (2020), Challenges for implementing the sustainable development goals in the Danish construction industry: building owners' perspective, In: Scott, L and Neilson, C J (Eds) *Proceedings of the 36th Annual ARCOM Conference*, 7-8 September 2020, UK, Association of Researchers in Construction Management, 615-624
- **Opoku, A.** and Tallon, A. (2019), The Role of Project Sponsors in Defining and Realising Project Benefits, In: Gorse, C and Neilson, C J (Eds) *Proceedings of the 35th Annual ARCOM Conference*, 2-4 September 2019, Leeds, UK, Association of Researchers in Construction Management, 710-719

- **Opoku, A.** and Ibrahim-Adam, R. (2018), Early Contractor Involvement in Government Construction Projects in Ghana, In: Gorse, C and Neilson, C J (Eds) *Proceeding of the 34th Annual ARCOM Conference*, 3-5 September 2018, Belfast, UK, Association of Researchers in Construction Management, 199-208
- Thuesen, C. and **Opoku, A.** (2018), A call for Action: Constructing solutions for the Sustainable Development Goals, *A Working Paper* presented at the *34th Annual ARCOM Conference* – Belfast, UK, 3-5 September 2018
- **Opoku, A.** (2016), SDG2030: A Sustainable Built Environment’s Role in Achieving the Post-2015 United Nations Sustainable Development Goals. In: P W Chan and C J Neilson (Eds.) *Proceedings of the 32nd Annual ARCOM Conference*, 5-7 September 2016, Manchester, UK, Association of Researchers in Construction Management, Vol 2, 1149-1158
- **Opoku, A.** and Egbu, C. (2015), *The Extent of integrating sustainability topics into an MSc Quantity Surveying course at London South Bank University in UK*, in: **Proceedings of the CIB Joint International Symposium** on: Going North for Sustainability, 23rd-25th 2015, London South Bank University (LSBU), London, International Council for Research and Innovation in Building and Construction(CIB)
- Oluwagbenga S. T., Smith, K., Ali, A. and **Opoku, A.** (2015), *Lessons for specifying the system boundaries of an asset management plan from four case studies of failure*, in: proceedings of the CIB Joint International Symposium on: Going North for Sustainability: Leveraging Knowledge and Innovation for Sustainable Construction and Development, November 23rd-25th 2015, London South Bank University
- **Opoku, A.**, Cruickshank, H., Guthrie, P. and Georgiadou, M. C. (2014), Stakeholder engagement in research: The case of retrofit 2050 research project. in: Raiden, A. and Aboagye-Nimo, E. (Eds) *Procs 30th Annual ARCOM Conference*, 1-3 September 2014, Portsmouth, UK, Association of Researchers in Construction Management (ARCOM), Vol. 1, pp. 237-246
- **Opoku, A.** and Fortune, C. (2011), The implementation of sustainable practices through leadership in construction organizations, in: Egbu, C. and Lou, E.C.W. (Eds.) *Procs 27th Annual ARCOM Conference*, 5-7 September 2011, Bristol, UK, Association of Researchers in Construction Management, 1145-1154
- **Opoku, A.** and Fortune, C. (2011), Leading the change towards sustainable practices in construction organizations, *Proceedings of the Salford Postgraduate Annual Research Conference (SPARC 2011)*, 8-9 June 2011, Salford, UK: The University of Salford, pp. 327-337
- **Opoku, A.** and Fortune, C. (2011), Leadership in construction organizations and the promotion of sustainable practices, In: Wamelink, J. W.F., Volkers, L. and Geraedts, R. P. (Eds), *Proceedings of CIB international Conference of W055, W065, W089, W112, TG76, TG78, TG81, Management and Innovation for a Sustainable Built Environment*, 20 – 23 June 2011, Amsterdam, The Netherlands

- **Opoku, A.** and Fortune, C. (2010), Promoting organizational learning and project sustainability in the construction industry, In: Egbu, C (Ed.), *26th Annual ARCOM Conference*, 6-8 September 2010, Leeds, Association of Researchers in Construction Management, Vol. 2, pp. 957-966
- **Opoku, A.** and Fortune, C. (2010), The role of organizational learning in achieving sustainable construction project delivery, In: Laryea, S., Leiringer, R. and Hughes, W. (Eds), *Procs West Africa Built Environment Research (WABER) Conference*, 27-28 July 2010, Accra, Ghana, pp. 627-636
- **Opoku, A.** and Fortune, C. (2010), Exploring the link Between Organizational learning and Sustainable Construction Projects, Proceedings of the Salford Postgraduate Annual Research Conference (SPARC 2010), 10-11 June 2010, Salford, UK: The University of Salford, pp. 268-283.

Voluntary Experience

- Approved Royal Institution of Chartered Surveyors (RICS) *APC Assessor*
- Approved Royal Institution of Chartered Surveyors (RICS) *APC Counsellor*
- UK Construction Industry Training Board (CITB) *Construction Ambassador*

Other Information

- Hobbies: Bowling, playing football, listening to music etc.
- Nationality: **British**
- References: **Available on request**