

Summary

Overview of Expertise

Emeka is a British Academic, Researcher & Consultant with expertise gained from his roles that include:

(1) Treasurer of CIBSE Energy Performance Group; **(2)** Director of Carbon Bites; **(3)** Vice-Chair of CIBSE ASHRAE Group; **(4)** Tutor; **(5)** Fellow & Board Member of LSI (Leeds Sustainability Institute); **(6)** Academician & Sounding Board Member of Academy of Urbanism (AoU); **(7)** Fellow of Royal Society of Arts (FRSA); **(8)** The 1st-Ever Energy Globe UK Ambassador; **(9)** Fellow of Forum for Built Environment (FFB); **(10)** Chartered Scientist (CSci); & **(11)** Chartered Environmentalist (CEnv).

Overview of Honours & Awards

He is a recipient of the: **(1)** RISE (Research, Innovation, Sustainability, Enterprise) Awards 2019 nominations; **(2)** Teaching Excellence Programme; **(3)** Thank you letter from City of Wolverhampton Council; **(4)** Energy Globe Top Ambassador Award; **(5)** Silver Energy Globe Badge of Honour & Insignia; **(6)** Importance to Society Award; & **(7)** Visiting Professor appointment. He was elected: **(1)** FBE Fellow; **(2)** RSA Fellow; **(3)** AoU Academician; & **(4)** LSI Fellow.

Overview of Areas of Interest

Emeka's interests include: **(1)** Building Performance Evaluation; **(2)** Building Services Engineering; **(3)** Construction Project Management; **(4)** Energy Certification Compliance; **(5)** Energy Efficiency; **(6)** Sustainable Architecture; **(7)** Sustainable Building; & **(8)** Urban Sustainability of Public Buildings.

Adherence to the Nolan's 7 Principles of Public Life

He adheres to Nolan's 7 Principles of Public Life via: **(1)** Selflessness; **(2)** Integrity; **(3)** Objectivity; **(4)** Accountability; **(5)** Openness; **(6)** Honesty; & **(7)** Leadership.

Overview of Career

Emeka's career includes serving in roles such as:

- **2019 – Present:** Treasurer of the CIBSE Energy Performance Group
- **2019 – Present:** Director of Carbon Bites
- **2019 – Present:** Vice-Chair of the CIBSE ASHRAE Group
- **2017 – Present:** Dissertation Supervisor & Module Tutor
- **2016 – 2017:** Technical Assessor for Dept. for Business, Energy & Industrial Strategy
- **2016 – Present:** Chevening Reading Committee Academic Assessor
- **2016 – 2017:** Interim Executive Board Member
- **2016 – Present:** Fellow & Board Member of Leeds Sustainability Institute
- **2015 – Present:** School (& Link) Governor for Science & Environmental Learning
- **2015 – 2016:** British Council Impact Assessment Expert
- **2014 & 2016:** UK Assessor for European Business Awards for the Environment
- **2014 – 2017:** British Council Academic Reviewer & Selection Panel Member
- **2013 – 2014:** Senior Sustainability Consultant
- **2009 – 2012:** Chair & Director of Parametric Environmental Design Ltd
- **2007 – 2010:** Research Associate at Loughborough University
- **2006:** Research Assistant to Prof. Ghassan Aouad (Head of School)
- **2004 – 2005:** Project Manager of the CIB Chapter at University of Salford
- **2002 – Present:** Environmental Designer & Building Performance Analyst

Continuing Professional Development (CPD)

He improves his expertise via CPD by affiliations such as: Academy for Social Justice Commissioning; AoU; APM; ASHRAE; BSRIA; CIBSE ASHRAE; CIRIA; EAUC; EMA; FBE; IES; Leeds Beckett University; LSI; RSA; UCEM; & others.

Academic & Professional Contributions

He contributes to: Teaching; Research; Scholarship; Funded Projects; Sustainability; Pastoral Care; Decision-Making; Resource Planning & Management; Enterprise; Curriculum Design; & Distance Learning via a VLE.

Roles & Involvement in Funded Projects

Emeka has been involved as a Researcher & Consultant in funded projects.

Postgraduate (PG) & Undergraduate (UG) Supervising, Tutoring, & Marking

He has tutored, supervised, marked & given feedback on undergraduate & postgraduate projects & dissertations across 5 modules.

Curriculum, Module, & Learning Resource Design Examples

He designs resources to support UG, PG & Professional Learners via e-learning & blended learning. He has also Chaired a Curriculum & Standards Committee.

Chairmanship of Committee(s) & Group(s)

He is Vice-Chair of the CIBSE ASHRAE Group, & he has Chaired the Curriculum & Standards Committee at St Luke's Primary School, Wolverhampton.

Committee Memberships

He serves as a Member of the: **(1)** Chevening Reading Committee; **(2)** CIBSE Resilient Cities Group Committee; **(3)** ASHRAE Technical Committee on Building Environmental Impacts & Sustainability; **(4)** CIBSE ASHRAE Group Committee; & **(5)** CIBSE Energy Performance Group Steering Committee.

Panel & Board Memberships & Other Key Roles

He is/was a Member of Design Review, & British Council Review Panels. He also serves/served as: **(1)** AoU Sounding Board Member; **(2)** Newton Prize Reviewer; **(3)** Technical Assessor for Department for Business, Energy & Industrial Strategy; **(4)** Macmillan Cancer Support Reviewer; & **(5)** School Governor.

Editorial Board & Scientific Committee Memberships, & Journal Reviewing

He is/was a: **(1)** Director of Carbon Bites; **(2)** Member of 7 Editorial Boards; **(3)** Scientific Committee Member for 43 Conferences; **(4)** Reviewer for 22 Journals; & **(5)** Guest Editor of Journal of Building Performance Simulation 3(3).

Publications & Keynote Presentations

Emeka's work is published as: **(1)** Book chapters; **(2)** Journal articles & a special issue; **(3)** Theses; **(4)** Conference & seminar proceedings; **(5)** Video webinars; **(6)** Keynote presentations; **(7)** Reports; **(8)** Newsletters; & **(9)** Award-winning posters. Some of these have the first ever synthesis of key data such as: pp.34-35 at www.cibsejournal.com/archive/PDFs/CIBSE-Journal-2017-12.pdf ; pp.532-553 at www.leedsbeckett.ac.uk/as/cebe/seeds/seeds2017_proceedings.pdf ; & www.youtube.com/watch?v=W6KC5k47YiY