



Robert OSEI-KYEI

Tel.: (852) 34008113

E-mail address: robert.oseikyei@connect.polyu.hk

Robert Osei-Kyei graduated from Kwame Nkrumah University of Science and Technology (KNUST) (Ghana) in 2012 with a Bachelor of Science in Construction Technology and Management (First Class Honours). He worked as a Teaching/Research Assistant in KNUST from 2012 to 2013. Robert started his Master of Philosophy degree (Building Technology) in 2013 at KNUST but was subsequently awarded The Hong Kong PhD Fellowship Scheme 2014/15, which is jointly funded by The Hong Kong Polytechnic University and Research Grants Council. He is a student member of the Royal Institute of Chartered Surveyors (RICS), Chartered Institute of Builders (CIOB), International Council for Building (CIB) and a full member of the Ghana Institute of Construction (GIOC).

Supervisor

Ir. Prof. Albert P.C Chan

Area of Research

Public-Private Partnerships
Procurement methods

Research Scope

Public-Private Partnership (PPP) is increasingly been adopted by governments globally for infrastructure development and the Government of Ghana (GoG) is no exception. However, since 2004 few public construction projects have been procured through the PPP scheme, with many of the initiated ones not proceeding successfully to the implementation stage. The slow development of PPPs in Ghana is attributed to the lack of understanding and knowledge on how PPPs are procured within the Ghanaian context. In this regard my PhD research project aims to develop a best practice framework for PPP implementation in Ghana drawing on international experiences specifically from Hong Kong.

Research Methodology

The PhD research project adopts a comprehensive literature review, interviews, case study and questionnaire survey. Analytical techniques including Fuzzy Synthetic Evaluation, Multiple regression analysis and non-parametric tests would be used to develop a Success Index equation for PPP projects, predictive model for PPP projects success and compare PPP practices in developing and developed countries using Ghana and Hong Kong as a case study.

Prizes and Awards

1. Best presentation/paper award at the 15th Academic Conference for Post-graduate students in Construction Management and Real Estate, Organized by PolyU CIB student chapter. Paper title: Developing a Project Success Index for Public-Private Partnership Projects in developing countries: A Fuzzy Synthetic Evaluation Approach.
2. Best Presenter award at the 15th Academic Conference for Post-graduate students in Construction Management and Real Estate, Organized by PolyU CIB student chapter (Based on voting by audience).
3. First Class Honours (KNUST)
4. Hong Kong PhD Fellowship Scheme (2014/2015)

Publication List

1. **Osei-Kyei R.**, Dansoh, A. and Ofori-Kuragu, J. K. (2014) Reasons for adopting Public-Private Partnership (PPP) for construction projects in Ghana, *International Journal of Construction Management*, 14(4), pp. 227-238
2. **Osei-Kyei, R.** and Chan, A. P. C. (2015). Review of studies on the Critical Success Factors for Public-Private Partnership (PPP) projects from 1990 to 2013. *International Journal of Project Management* vol. 33, Issue 6, Pages 1335-1346.
3. **Osei-Kyei, R.**, and Chan, A. P. (2015). Developing Transport Infrastructure in Sub-Saharan Africa through Public-Private Partnerships: Policy Practice and Implications. *Transport Reviews*, pp. 1-17.
4. **Osei-Kyei, R.** and Chan, A. P. C. (2015) Comprehensive review of Critical Success Factors for Public-Private Partnership Projects. *Second International Conference on Sustainable Urbanization (ICSU 2015)*, Hong Kong, China 7-9 January 2015; 01/2015.
5. **Osei-Kyei, R.**, and Chan, A. P. C. (accepted). Perceptions of Stakeholders on the Critical Success Factors for Operational Management of Public-Private Partnerships. *Facilities*.
6. **Osei-Kyei, R.** and Chan, A. P. C. (accepted). Implementing Public-Private Partnership Policy for public construction projects in Ghana: Critical Success Factors and Policy Implications. *International Journal of Construction Management*.
7. **Osei-Kyei, R.**, Chan, A. P. C., Javed A. and Ameyaw E.E. (accepted). Critical Success Criteria for Public-Private Partnership Projects: An international Experts' Opinion. *International Journal of Strategic Property Management*.

Hobbies

- Playing Video games (Soccer)
 - Watching movies
-

Updated in July 2016