

Kanchana Ginige
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Architecture and Built Environment
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Research interests

Disaster risk reduction and management in the built environment
Built Environment interventions in climate change mitigation and adaptation
Digitalisation in the construction industry

Qualifications

Construction Management, PhD, University of Salford
Award Date: 30 Nov 2014
Quantity Surveying, BSc (Hons), BSC (QUANTITY SURVEYING), University of Moratuwa
Fellow of the Higher Education Academy, UK, FHEA

Employment

Assistant Professor
Architecture and Built Environment
Northumbria University
1 Sept 2015 → present

Research outputs

An Assessment of Structural Measures for Risk Reduction of Hydrometeorological Disasters in Sri Lanka
Ginige, K., Mendis, K. & Thayaparan, M., 18 May 2022, In: Progress in Disaster Science. 14, 10 p., 100232.

Living-Transforming Disaster Relief Shelter: A Conceptual Approach for Sustainable Post-Disaster Housing
Ghanbarzadeh Ghomi, S., Wedawatta, G., Ginige, K. & Ingirige, B., 21 Oct 2021, In: Built Environment Project and Asset Management. 11, 4, p. 687-704 18 p.

Building-back-better in post-disaster recovery: Lessons learnt from Cyclone Idai-induced floods in Zimbabwe
Dube, E., Wedawatta, G. & Ginige, K., Oct 2021, In: International Journal of Disaster Risk Science. 12, p. 700–712 13 p.

Delivery of Transport Infrastructure Assets: Decision-Making Model to Ensure Value for Money
Zhao, J., Liu, H., Sing, M., Jin, X. & Ginige, K., 1 Mar 2021, In: Journal of Infrastructure Systems. 27, 1, 9 p., 05020008.

Developing maturity levels for flood resilience of businesses using built environment flood resilience capability areas
Adeniyi, O., Perera, S., Ginige, K. & Feng, Y., 1 Nov 2019, In: Sustainable Cities and Society. 51, 101778.

Proceedings of ARCOM Doctoral Workshop on 'Industry 4.0 and Disaster Resilience in the Built Environment': ARCOM Doctoral Workshop in association with CIB W120 - Disasters and the Built Environment
Wedawatta, G. (ed.), Thurairajah, N. (ed.) & Ginige, K. (ed.), 30 Oct 2019, Association of Researchers in Construction Management (ARCOM). 69 p.

Establishing Descriptions of Building Work in UK
Hussey, H. J., Thurairajah, N., Ginige, K. & Goulding, J., 2 Sept 2019, *Proceedings of the 35th Annual ARCOM Conference, 2-4 September 2019, Leeds, UK.* Gorse, C. & Neilson, C. (eds.). Leeds: Association of Researchers in Construction Management (ARCOM), p. 283-292 10 p.

Mapping built environment professionals' educational needs to international policy frameworks for disaster risk reduction: community stakeholder perspective

Perera, S., Adeniyi, O., Babatunde, S. & Ginige, K., 27 Nov 2018, In: International Journal of Disaster Resilience in the Built Environment. 9, 4/5, p. 368-384 17 p.

Mapping stakeholders associated with societal challenges: A Methodological Framework

Ginige, K., Amaratunga, D. & Haigh, R., 22 Feb 2018, In: Procedia Engineering. 212, p. 1195-1202

Built Environment Flood Resilience Capability Maturity Model

Adeniyi, O., Perera, S. & Ginige, K., 2018, In: Procedia Engineering. 212, p. 776-783 8 p.

Challenges in integrating disaster risk reduction into the built environment – The Vietnam context

Nguyen, V., Ginige, K. & Greenwood, D., 2018, In: Procedia Engineering. 212, p. 316-323 8 p.

Challenges in integrating disaster risk reduction into the built environment – The Vietnam context

Nguyen, V., Greenwood, D. & Ginige, K., Nov 2017.

A situational paradigm on flooding and built environment interventions in the UK

Wigglesworth, T., Adeniyi, O., Ginige, K. & Pearson, J., 30 Jun 2017.

Mainstreaming disaster resilience in the construction process: Professional education for a disaster resilient built environment: A report of the CADRE project: Collaborative Action towards Disaster Resilience Education

Amaratunga, D. (ed.), Haigh, R. (ed.), Kermainiyage, K. (ed.), Malalgoda, C. (ed.), Perera, S. (ed.) & Ginige, K. (ed.), 2017, Huddersfield: University of Huddersfield. 47 p.

Mainstreaming women into disaster reduction in the built environment- a guideline for Sri Lanka

Ginige, K., Amaratunga, D. & Haigh, R., 5 Dec 2016, In: Disaster Prevention and Management. 25, 5, p. 611-627

Development of a professional doctoral programme in built environment to enhance societal resilience to disasters

Babatunde, S., Ginige, K., Adeniyi, O. & Perera, S., 30 Jul 2016.

Community stakeholder perspective on construction industry-related needs and skills for enhancing disaster resilience

Perera, S., Babatunde, S., Adeniyi, O. & Ginige, K., 31 May 2016.

Policy analysis in prioritising societal challenges- the case of Sri Lanka

Liyanage, C., Ginige, K., Amaratunga, D. & Haigh, R., 2015, (Accepted/In press).

South Asia regional position paper on Horizon 2020 societal challenges

Haigh, R., Amaratunga, D., Liyanage, C., Ginige, K., Arambepola, S. & Dutta, R., 2015, CASCADE Project.

A technical review of BIM based cost estimating in UK quantity surveying practice, standards and tools

Wu, S., Wood, G., Ginige, K. & Jong, S. W., Dec 2014, In: Journal of Information Technology in Construction. 19, p. 534-562

How can Building Information Modelling (BIM) support the New Rules of Measurement (NRM1)

Wu, S., Ginige, K., Wood, G. & Jong, S. W., Jan 2014, RICS.

Tackling women's vulnerabilities through integrating a gender perspective into disaster risk reduction in the built environment

Ginige, K., Amaratunga, D. & Haigh, R., 2014, In: Procedia Economics and Finance. 18, p. 327-335

Disaster Risk Reduction in the Built Environment in Sri Lanka- An overview

Ginige, K., Amaratunga, D. & Haigh, R., 2013, (Accepted/In press).

Capacity development for post disaster reconstruction of the built environment

Ginige, K. & Amaratunga, D., Jul 2011, *Post-Disaster Reconstruction of the Built Environment: Rebuilding for Resilience*. Amaratunga, D. & Haigh, R. (eds.). Oxford: Wiley, p. 13-29

Disaster risk reduction and its relationship with sustainable development

Ginige, K., 2011, *Post-disaster Reconstruction of the Built Environment: Rebuilding for Resilience*,. Amaratunga, D. & Haigh, R. (eds.). Oxford: Wiley, p. 287-303

Developing capacities for disaster risk reduction in the built environment: Capacity analysis in Sri Lanka

Ginige, K., Amaratunga, D. & Haigh, R., 2010, In: *International Journal of Strategic Property Management*. 14, 4, p. 287-303

Mainstreaming gender in disaster reduction: Why and How?

Ginige, K., Amaratunga, D. & Haigh, R., 2009, In: *Disaster Prevention and Management*. 18, 1, p. 23-34

Construction Women Leaders

Amaratunga, D., Haigh, R., Ginige, K. & Thurairajah, N., 2008, University of Salford.

Improving Construction Industry Image to Enhance Women Representation in the Industry Workforce

Ginige, K., Amaratunga, D. & Haigh, R., 2007, *Proceedings 23rd Annual ARCOM Conference*. Boyd, D. (ed.). Association of Researchers in Construction Management (ARCOM), Vol. 1. p. 377-385

Activities**Sustainability (Journal)**

Kanchana Ginige (Editor)
2023

Editorial Board Member- IQSSL Focus Magazine

Kanchana Ginige (Participant)
Nov 2022 → 2023

FARU Journal (Journal)

Kanchana Ginige (Member of editorial board)
2021

Geography Compass (Journal)

Kanchana Ginige (Reviewer)
Nov 2020

International Journal of Procurement Management (Journal)

Kanchana Ginige (Reviewer)
Oct 2020

Construction Management and Economics (Journal)

Kanchana Ginige (Reviewer)
Jun 2020

Nature Communications (Journal)

Kanchana Ginige (Reviewer)
Jun 2020

Disasters (Journal)

Kanchana Ginige (Reviewer)
2020 → 2021

International Journal of Disaster Risk Reduction (Journal)

Kanchana Ginige (Reviewer)
2020 → 2023

ARCOM Doctoral Workshop in Association with CIB Working Commission on Disasters and the Built Environment (W120)

Gayan Wedawatta (Organiser), Niraj Thurairajah (Organiser) & Kanchana Ginige (Organiser)
25 Apr 2019

Heliyon (Journal)

Kanchana Ginige (Reviewer)
2019 → 2023

Journal of Cleaner Production (Journal)

Kanchana Ginige (Reviewer)
2019 → 2020

Journal of Financial Management of Property and Construction (Journal)

Kanchana Ginige (Reviewer)
2019 → 2021

Independent Project Evaluator- Global Disaster Resilience Centre, University of Huddersfield

Kanchana Ginige (Participant)
2018 → 2023

International Journal of Disaster Resilience in the Built Environment (Journal)

Kanchana Ginige (Reviewer)
Jun 2017

Built Environment Project and Asset Management (Journal)

Kanchana Ginige (Reviewer)
2017 → 2021

International Journal of Strategic Property Management (Journal)

Kanchana Ginige (Reviewer)
2015

Project Manager & Research Team Member-European Union's Education Audiovisual and Culture Executive Agency funded CADRE (Collaborative Action towards Disaster Resilience Education) project.

Kanchana Ginige (Other)
2015 → 2017