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**ARCOM Declaration:**

The papers in these proceedings were double-blind refereed by members of the scientific committee in a process that involved, detailed reading of the papers, reporting of comments to authors, modifications of papers by authors and re-evaluation of re-submitted papers to ensure quality of content.



## FOREWORD

Welcome to the 31<sup>st</sup> Annual Association of Researchers in Construction Management (ARCOM) conference. As we settle into the new decade of activities, ARCOM has extended the online provision of materials and embraced international collaboration. For the first time, we have prepared a 'live programme'. This is an interactive version of the conference programme, available via MyARCOM ([https://secure.arcom.ac.uk/view\\_prog\\_whole.php?id=24](https://secure.arcom.ac.uk/view_prog_whole.php?id=24)). We will use this tool to provide up-to-date information about the conference and give access to the papers being presented in Lincoln online.

As the world of research becomes increasingly digitised and our conference proceedings are less often read in hard copy form, it felt that the papers weren't perhaps getting the same attention they once were. At the time when a hard copy of the conference proceedings was accessible to all delegates, many browsed and read papers during the sessions to find additional information while others perused the proceedings to seek interesting presentations to attend. Often delegates did a bit of both! I wanted to bring back this easy access to the full papers. The authors whose papers are included in these proceedings have worked very hard, in many cases years, to conduct the research they publish here, and so their work should be available, in full, to all at the conference. ARCOM provides an open access source for the conference proceedings and the abstracts of several leading construction management journals and PhD theses within the CM Abstracts database

(<http://www.arcom.ac.uk/abstracts.php>). We will continue to provide all year round access to relevant publications in the field. We hope that this new tool, the 'live programme', will help you navigate your way through the many parallel and plenary sessions, and smoothly access the full papers via MyARCOM during the conference.

In these proceedings we present the rich variety of contributions to the conference. This year our delegates come from 33 different countries with a diverse range of backgrounds, interests and expertise. Sustainability; planning, productivity and quality; building information modelling; and health, safety and well-being continue to draw a large number of submissions. Procurement and risk management also feature as important themes in the conference, together with house building which is increasingly popular topic. Decision-making modelling emerges as a new area of interest.

We present to you 127 papers that were accepted for publication. This is the result of an intense three-stage double-blind review process through which we have been able to maintain high quality standards. Our initial call led to an astonishing 357 abstracts and 192 full papers being submitted. The Scientific Committee have worked very hard to select the final papers for presentation. If your paper is included in these proceedings then you should feel very proud of your achievement!

In addition to the research papers we welcome to the conference our keynote speakers and debate panellists: Professors John Connaughton, University of Reading; Alan Penn, The Bartlett, University College London; Martin Loosemore, The University of New South Wales, Australia; and Deborah Pullen, Building Research Establishment. The debate will address: *'This house believes that the widespread insistence on justifying investment in research with reference to the 'business case' inevitably perpetuates current modes of working and hence hinders innovation.'*

The Langford Lecture this year will be presented by Jemma Bridgeman from Construction Youth Trust, Cymru. And, as a follow on from the debate on method in

Portsmouth last year during the 30<sup>th</sup> Annual ARCOM Conference, we are most pleased to introduce a new Spotlight session on Comparative Studies. Professors Henrik Linderöth, Jönköping University, Sweden, and Chris Harty, University of Reading, will chair this discussion of comparisons by country, industry, stakeholder, competences, task, and process.

Putting together the academic programme for the conference is a collective effort, and I thank the ARCOM committee and wider Scientific Committee for their voluntary contribution to making the conference such a success year after year. David Boyd, Paul Chan, Scott Fernie, Chris Harty and Simon Smith in particular have been instrumental in supporting the planning and managing of the conference over the past eight months.

I wish you an enjoyable and inspiring three days in Lincoln; enjoy the diversity of research presented at the conference and proceedings and make the most of the many networking events.

Ani Raidén, ARCOM 2015 Conference Chair, Nottingham Trent University, UK  
On behalf of the ARCOM Committee



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