



## CIB NEWS ARTICLE

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December 2005

### New Publication

## Proceedings on Built Environment Complexity

1st International Conference on Complexity  
and the Built Environment

The University of Liverpool - September 2005

becon 2005

Edited by A.H. Boussabaine, J. Lewis, R.J. Kirkham  
and G.E.M. Jared



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### Editors

A.H Boussabaine, J. Lewis, R.J. Kirkham and G.E.M. Jared

### Summary

As societies' dependence on the finite resources of the built environment increases, the magnitude and complexity of problems associated with the use and management of built environment assets becomes more apparent. The issue of complexity in the built environment has grown significantly, pervading several key application areas including sustainable development, infrastructure, supply chain, networking, energy utilization, project management, etc. There is also a growing interest in assuring sustainability of the built environment. By its very nature, the built environment is a complex multi-disciplinary field that

requires integrating expertise and input from various jurisdictions. Complexity theory is poised to propel research into the built environment beyond the traditional way

The 1st International Conference on Complexity and the Built Environment (becon 2005) was held on 11-14 September 2005 in Liverpool, UK. The event was organized by Dr Halim Boussabaine (University of Liverpool) and Dr Richard Kirkham (Liverpool John Moores University). The conference attracted a wide range of papers on the following themes:

- Modelling Complexity
- Complexity in Procurement
- Complexity in Construction



- Complexity in Design
- Environmental Complexity

The conference was also fortunate to attract 3 keynote speeches which are also included in the Proceedings:

- Can Complexity help us better understand risk, by Professor Jeff Johnson (Open University)
- How complexity theory can help us to enhance the research agenda for the built environment, by Professor Pete Allen (Cranfield University)
- Approaches to managing complexity in construction project production, by Sven Bertlesen and Lauri Koskela (Lean Construction Institute/University of Salford)

### **Order Information**

The proceedings are available free of charge in PDF format, these may be obtained from either of the organizers on request. Hard copy versions of the proceedings are available for GBP25.00.

### **Contact Information**

Dr Halim Boussabaine  
[A.H.Boussabaine@liverpool.ac.uk](mailto:A.H.Boussabaine@liverpool.ac.uk)  
School of Architecture  
The University of Liverpool  
Abercromby Square  
Liverpool, L69 3BX, UK

and

Dr. Richard Kirkham  
[r.kirkham@ljmu.ac.uk](mailto:r.kirkham@ljmu.ac.uk)  
School of the Built Environment  
Liverpool John Moores University  
Byrom Street Campus  
Liverpool, L3 3AF, UK