



## CIB NEWS ARTICLE

International Council for Research and Innovation  
in Building and Construction

Providing a global network for international exchange and cooperation in research and innovation in building and construction, in support of an improved building process and of improved performance of the built environment.

January 2010

## CIB and CIB Related Publications in 2009

2009 was once again a successful year for CIB and CIB related Publications, mainly due to a growing numbers of proceedings from conferences, including the CIB co-sponsored ones.

Hereafter follow summaries of all 28 Proceedings and 5 other CIB publications that have been produced in 2009 and have been made available to the CIB Secretariat.

For each publication hyperlinks are included to the CIB News article in which the publication was introduced and in case of a free downloadable publication, to the respective URL.

### Sandwich Panels

The European product standard for sandwich panels, EN 14509, covers the requirements and verification methods for the essential properties of factory made sandwich panel products. These new and free downloadable recommendations update procedures for fastenings and extend the concept to include fastenings fixed in a face layer ([news article](#)) ([download](#)).

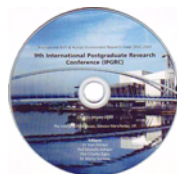


### Acoustics

Meeting Report of the CIB W051 Commission Meeting, Borås, Sweden, in May 2008. The four topics on this report were: measurement methods, requirements, estimation of acoustic and performance and building guidelines ([download](#)).

### Built and Human Environment

Proceedings of the CIB Co-sponsored International Built and Human Environment Research Week in January 2009. The week consisted of an Industry Day – Sustainable Delivery of Housing, the International Research Symposium and the 9<sup>th</sup> (IPGRC) International Postgraduate Research Conference (soon to be downloadable via [ICONDA@CIBlibrary](mailto:ICONDA@CIBlibrary)).



### Public Private Partnership

Proceedings of CIB TG72 on Public Private Partnership which may be categorized under the following areas: PPP Structures, Systems & Mechanisms; Risk Management in PPPs;

Stakeholder and Sustainability Management in PPPs; and Selection of Partner Organisations and Key Personnel in PPPs ([news article](#)) ([download](#)).

### Strategic Procurement

Proceedings from the conference Building Abroad that investigated strategic procurement in the international construction context, in which the organisation of these projects is increasingly complex yet the stakes are higher than ever before. This publication is downloadable for free ([news article](#)) ([download](#)).



### Pathology and Rehabilitation

Proceedings of the 3rd Conference on Building Pathology and Rehabilitation, held on 18-20 March 2009. These proceedings exist in a 2 volumes book, which was prepared from the input files supplied by the authors, set out on a

CD-ROM.

### Education

Proceedings of the 45th Annual Conference "Associated Schools of Construction", held in conjunction with the Annual Meeting of CIB W089 "Building Research and Education", in April 2009, Florida, United States. Papers are set out in the following List of Contents: construction education, papers presented on graduate and undergraduate (soon to be downloadable via [ICONDA@CIBlibrary](mailto:ICONDA@CIBlibrary)).





**Informal Settlements**

Proceedings of CIB W110 Conference held on in April 2009, in Surakarta, Indonesia. Paper topics: sustainable concept of planning, housing policy and approach for slum upgrading in urban area, stakeholders role in transfer of information, technology and empowerment to the community to improve lives in urban slum area,

sustainable financing and economic development for slum communities in the urban area ([news article](#)) ([download](#)).

**Concrete and Development**

Proceedings of the third International Conference on Concrete and Development, held in April 2009, in Tehran, Iran. The conference included 123 papers, of which 17 in Persian and 106 in English. Topics included: concrete structures analysis, design, technology and implementation, seismic evaluation, rehabilitation and durability ([news article](#)) ([download](#)).



**Architectural Management**

The CIB W096 book on Architectural Management looks back at over a decade of research into architectural management, considers the present challenges and opportunities, and also looks to the future. The book is divided into six sections representing topical themes, each section containing two research-based chapters and one practical case study ([news article](#)).



**Innovation for Sustainability**

Report of the CIB TG58 Workshop held in May 2009 at the University of Alberta in Edmonton, Canada. The theme, "Leveraging Innovation for Sustainable Construction", reflects a growing concern among clients for perspectives, approaches, and tools that will secure the practice of construction economically, socially, and environmentally ([news article](#)) ([download](#)).

**Integrated Design Solutions**

Proceedings of the First International CIB Conference on Improving Construction and Use Through Integrated Design Solutions, held in June 2009 in Helsinki, Finland. The papers are included in the Proceedings, covers the following themes: IDS competences, BIM utilisation, integrated processes, sustainability, beyond BIM, user value through collaboration ([news article](#)) ([download](#)).



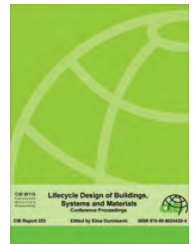
**Material Stewardship**

This electronic CIB W115 publication focuses on various aspects of Construction Materials Stewardship, including: design for transformation and reuse of buildings, systems and materials, design of systems to avoid construction material waste, adaptable architecture, deconstruction,

sustainable management of buildings, design with reused materials and components, intelligent and eco materials ([download](#)).

**Material Stewardship**

Proceedings of CIB W115 conference on Life Cycle Design of Buildings Systems and Materials has been completed and is available for download at the CIB website. The emphasis of the conference was on innovative design and construction methods and assessment methods that will incorporate effective use of materials into the whole life cycle of buildings and building materials ([news article](#)) ([download](#)).



**Urban Structures and Land Use**

Proceedings of W101 Workshop, held at the University of Tokyo, on 13 June 2009 in Tokyo, Japan. The theme of the Workshop was Urban Infrastructure and Land Use Control. The 5 papers presented by the keynote speaker at the workshop contain the several topics and is free downloadable from ICONDA

([news article](#)) ([download](#)).

**Smart and Sustainable**

Proceedings of the 3rd CIB International Conference on Smart and Sustainable Built Environment held in June 2009, in Delft, Netherlands.

This memory stick contains documents of the SASBE2009 conference ([news article](#)) ([download](#)).



**IT and Knowledge Management**

Proceedings of W102's 5<sup>th</sup> Conference "Deconstructing Babel: Sharing Global Construction Knowledge", held in June 2009 in Rio de Janeiro, Brazil. The joint CIB W102 and TIC 2009 held a Brazilian seminar that established itself as a reference for discussion on IT applied to construction ([news article](#)).

**People in Construction**

Proceedings of CIB TG59 Conference July 2009 Port Elizabeth, South Africa. The organizers brought together researchers, academics, administrators and practitioners representing educational institutions, government agencies, contracting organizations, consulting enterprises, financial institutions and other constructions ([news article](#)).



**Climate Change**

This electronic W108 Publication on Climate Change and the Built Environment is the outcome of the 8<sup>th</sup> Workshop and Meeting held in March 2009, Milano, Italy, has been completed and made available for download on the CIB website ([news article](#)) ([download](#)).

**Timber**

Proceedings of the 42nd Annual Meeting of CIB W018 – Timber Structures, held in August 2009 in Dübendorf, Switzerland. Topics of the papers were: limit state design, stress grading, stresses for solid timber joints and fasteners, beams, laminated members, structural stability, fire ([news article](#)).



**Law and Dispute Resolution**

The free downloadable collection of papers from the proceedings from the COBRA conference in Cape Town, contain the following topics: Alternative Dispute Resolution; Building Regulations; Construction; Environmental Law; Housing; International Perspectives; and Professional Practice ([news article](#)) ([download](#)).

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**Innovation**

Proceedings of the International Conference on Global Innovation in Construction held in September 2009 in Loughborough, UK. The conference has accepted 63 papers from researchers from 18 countries around the world. This demonstrated the global nature of our research community ([news article](#)).



**Organisation, Management and Economics**

This volume of these proceedings contains executive summaries and the full papers submitted at the CIB W055/W065 Joint International Symposium, Construction Facing

Worldwide Challenges, held in Dubrovnik, Croatia, in Sept. 2009 ([news article](#)).

**Process**

These proceedings contain papers presented on the International Conference Changing Roles, New Roles and New Challenges and was held in Noordwijk, The Netherlands. Papers included covers the following topics: Integration and Collaboration, New Roles, Supply Chain Integration, Adaptable Futures ([news article](#)).



**Green Building**

These proceedings contain the collected papers presented on the CIB Co-sponsored Conference on Green Building • Towards Eco-City, held in October 2009 in Taipei, Taiwan. The conference

brought together an international group of 70 scientists and building professionals from 17 countries on 4 continents ([news article](#)).

**Sustainable Infrastructure**

Proceedings of the conference EUROINFRA 2009, held in October 2009 in Helsinki, Finland. The objectives of the conference was to assemble people from practice, administration and research in order to report on and discuss a couple of defined key challenges for the sustainable development of infrastructure (buildings and civil infrastructures) in our societies ([news article](#)).



**Disasters and the Built Environment**

Joint publication of CIB TG53 on Postgraduate Research Training in Building and Construction and CIB TG63 on Disasters and the Built Environment. This book is a collection of research papers based on a series of undergraduate research works carried out in Sri Lanka in 2007, which were accepted for a special session of the CIB International Conference on Building Education and Research (BEAR 2008) ([news article](#)) ([download](#)).

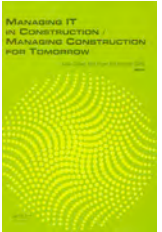


**Architectural Management**

Proceedings of the CIB W096 Architectural Management "Future Trends in Architectural Management" held in Taiwan in November 2009. This symposium discovered applications of architectural management in the past, and discussed the present worldwide condition of architectural management as well as to anticipate and to plan for the future role of architectural management ([news article](#)).

**Law and Dispute Resolution**

W113 Papers on Law and Dispute Resolution at COBRA 2008, the Construction and Building Research Conference of the Royal Institution of Chartered Surveyors, held at Dublin Institute of Technology, September 2008 ([download](#)).



**IT in Construction**

Proceedings of the 26 International Conference on IT in Construction and 1<sup>st</sup> International Conference on Managing Construction for Tomorrow, Istanbul Technical University, Istanbul, Turkey, October 2009. The joint meeting of MC4T and W078 was an important event at which academics and industrialists working in Construction Management meet (news article soon to be published).

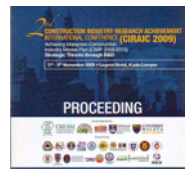
**Macroeconomics for Construction**

This innovative new book draws on the work of CIB Task Group TG56 on Macroeconomics for Construction. It pulls together discussions of mesoeconomic and macroeconomic models and methodologies in construction economics and presents an exciting approach to the analysis of the operation and function of the construction and property sector within the economy ([news article](#)).



**Industry Research Achievement**

Proceedings of the 2nd Construction Industry Research Achievement International Conference (CIRAIC 2009). The conference theme was "Achieving Malaysian Construction Industry Master Plan (CIMP 2006 - 2015) Strategic Thrusts through R&D" and was held in November 2009, Kula Lumpur, Malaysia. The proceedings are a compendium of 65 edited papers, which were presented at the conference (news article soon to be published).



**Informal Settlements**

Proceedings of W110 Conference Informal Settlements and Affordable Housing, held on 23 September 2009, in Santiago, Chile. The purpose of the conference was to stimulate networking and international exchange and cooperation in research and innovation, particularly in the field of Informal Settlements and Affordable Housing ([news article](#)) ([download](#)).



In addition to the above summarized 33 Publications there are 8 Proceedings from below listed CIB Conferences which have also been published in 2009, but have not yet been made available to the Secretariat.

- International Conference: Innovative Design and Construction Technologies: Building complex shapes and beyond, 6-7 May 2009, Milan, Italy
- Conference on Accessibility and Safety for All, on 7-8 May 2009, Thessaloniki, Greece
- CIB Co-sponsored: 26th International Symposium on Automation and Robotics in Construction (ISARC2009), 24-27 June 2009, Austin, Texas, USA
- 35th International CIB W062 Symposium on Water Supply and Drainage for Buildings, on 7-9 September 2009, Düsseldorf, Germany
- International Symposium: Construction in Developing Countries: Commonalities among Diversities, on 5-7 October 2009, in Penang, Malaysia
- Conference on Housing Sociology, on 9-13 October 2009, Sofia, Bulgaria
- International Seminar "The Implementation of Energy Efficient Buildings Policies in 5 Continents", 14 October 2009, Brussels, Belgium
- Conference on Safety and Health in Construction, on 21-23 October 2009, Melbourne, Australia