Conference: Sustainable Human(e) Settlements - The Urban Challenge
Proceedings and Movies


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Conference

The “Sustainable Human(e) Settlements: The Urban Challenge” Conference provided an international forum for researchers and practitioners from developed and developing countries to address fundamental problems, solution and constraints that affect Sustainable Human(e) Settlements.

The broad objectives of the conference included:

- to provide a forum for multi-disciplinary interaction between academics and practitioners;
- to provide an internationally recognised, accredited conference;
- to disseminate innovative and cutting edge practices in Sustainable Human(e) Settlements;
- to test out ideas for actual solutions for housing and human settlements, in the belief that we have spent too many years finding fault with delivery and finance processes in housing, with very little contributions being made towards actual solutions;
- adding voices to the calling for innovation in the delivery of housing towards the achievement of more humane settlements, and
• to contribute to the Sustainable Human(e) Settlement bodies of knowledge.

The conference brought together in a single forum researchers, academics, administrators and practitioners representing educational institutions, government agencies, construction firms, consulting firms, financial institutions, and other housing related organisations.

**Proceedings**

As a result, the internationally peer reviewed and edited proceedings aimed at contributing to the body of knowledge relative to the science and practice of Sustainable Human(e) Settlements as well as the improvement of Housing delivery practice and education in South Africa, and internationally.

The proceedings contain 20 papers on below listed topics:

• Privatisation of social housing: experiences from South Africa and the Netherlands
• Architectural design in response to vulnerable networks
• Users’ perceptions of urine diversion dry toilets in hull street medium density mixed housing in Kimberley, South Africa
• Assessing financial viability and sustainability of low-income housing redevelopment schemes in Mumbai, India
• Reflecting on the learning centre requirements of social urban housing projects in Johannesburg
• Development of rating performance criteria for the construction industry in Ghana
• Sustainable conservation of indigenous architecture in south western Nigeria
• Creating shalom: faith-based communities, housing and healthy urban settlements
• Future-proofing the environmental performance of low-income housing: a South African case study
• Understanding the well being of households in an informal settlement in Surabaya, Indonesia
• Satisfaction level with neighbourhoods in low-income housing: a case study of Johannesburg, South Africa
• Labour intensive construction, orthophotos and the creation of security and employment in informal settlements
• Butterfly house: an open ended housing product
• Connecting the dots between settlement functionality, integrated and incremental upgrading and the need for a capacitated network of intermediary organisations
• A review of beneficiary participation in the delivery of low-income housing in South Africa
• Towards ‘progressive’ housing delivery in the western cape: unpacking and assessing the underlying meta-narratives
• Adapting cities to climate variability and change: balance between community engagement and supporting facilitation roles of the local government to reduce the impact of climate change
• The challenge facing social housing institutions in South Africa: a case study of Johannesburg
• Transparent and open governance: web content analysis of metropolitan infrastructure development and investments information at local level – a comparative study of four metropolitan cities of South Africa and India
• Community participation as cornerstone for comprehensive slum upgrading programmes.

**Movies**

Two movies have been launched as part of the sustainable Human(e) settlement conference and brought together architects, government officials, urban planners, engineers, academics and residents to comment human settlement challenges. The movies focussed on the role of architecture and started a conversation on Open Building as an approach to the design and delivery of housing projects, allowing for unique finance and delivery models, on-going participation, mixed environments, multi-skilled construction teams, long-term sustainability, better return on investment, involvement of users in decision-making, inclusion of income generation activities and accommodation for different family configurations and alternative lifestyles.

The movies look toward the Netherlands, due to the strong link we see with the Netherlands in Terms of lessons in social housing, unique finance models and an approach to the design of medium density and mixed developments.

Social rental housing in South Africa is to some extent based on Dutch precedents, thus the films in part, become an investigation into the possibility of government investment in social housing by developing base buildings, allowing for multi-skilled teams to provide the infill possibly achieving long-term sustainability of the housing stock, better return on investment of users in the decision-making process.

This alternative design, delivery and procurement approach would allow for adaptation of rental housing to achieve income generation activities as well as
different family configurations and alternative lifestyles. The movies therefore started a conversation in the application of the concepts of Open Building in the South African housing context.

**Availability**

The proceedings are published by the University of Johannesburg and the Netherlands Architecture Funds`. The movies were produced by UJ and x!mage, Netherlands and published by the University of Johannesburg.

The price per DVD: 19,95 Euro/200 ZAR (incl.shipping) Orders must include name, postage address and contact details of the person requesting. DVD and invoice will be posted on receipt of payment confirmation.

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In the near future the proceedings will be available free downloadable on the ICONDA®CIBlibrary.

**Additional Information**

For additional information about CIB W110 contact the Coordinators:
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You can find more information on the activities of CIB W110 here.