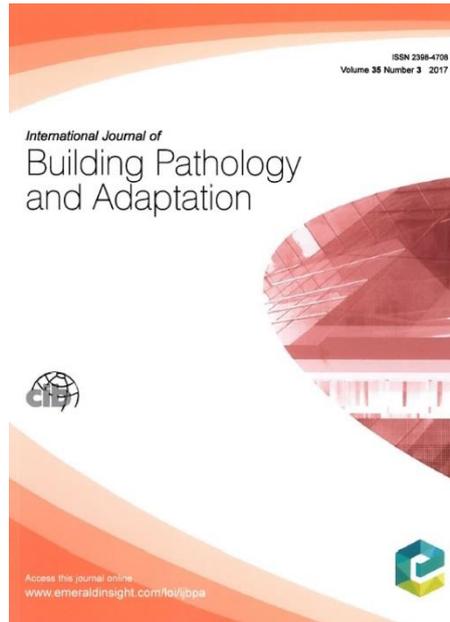




October 2017

**IJBPA CIB Encouraged Journal
Call for Papers Special Issue
International Journal of Building Pathology and Adaptation**



Building Resilience in Urban Settlements

This is a Call for Papers for the special issue of the CIB International Journal of Building Pathology and Adaptation (IJBPA) with the title Building Resilience in Urban Settlements.

The 2015 global population of 7.3 billion is predicted to reach 9.7 billion in 2050. The bulk of this growth will take place in cities, as urbanisation increases and migration rates intensify. Climate change will transform existing weather patterns, with unforeseen outcomes which may be life threatening and socially, environmentally and economically devastating. These trends have far-reaching implications for future generations.

Background

We need effective planning and governance to deliver transition across all levels, scales and types of development from buildings to cities, ensuring infrastructure can support growing populations and changing land uses.

With modification of existing areas to accommodate more people, and as land uses undergo change, we need to consider optimum levels of sustainable development that includes, at the building scale, different types and degrees of new development, adaptation and adaptive reuse. Taking action now is embodied in the concept of building resilience to future risks. These risks can be chronic or acute, and include social, economic and environmental aspects and combinations thereof.

Our cities will grow, faster than ever, yet typically only 1-2% is added annually to the total stock of buildings; hence resilient retrofit, resilient adaptation and resilient adaptive reuse are terms we must define, develop and embrace. Resilience, and how it is manifested, will vary by issue and location, and we need to share ideas, approaches and practices to inform others.

**Four common action areas are:**

- Adapt – reduce our exposure to future shocks and stresses
- Survive – withstand disruptions and bounce back better than before
- Thrive – significantly improve people’s quality of life
- Embed – build resilience thinking into our institutions and ways of working

Specific topics will include:

- Resilience and adaptive reuse of buildings
- Resilience and rating tools
- Resilience and planning
- Resilience and green infrastructure
- Resilience and food security
- Resilient retrofit
- Resilient adaptation
- Resilience policy/strategy aspects relevant to buildings
- Resilience and applications for use of big data and digital technologies

Submissions Information

Author guidelines, including on formats and length limit, must be strictly followed and can be found on the journal website [here](#).

Submissions to must be through Scholar-One Manuscripts.
Registration and access are available [here](#)

The closing date for submission of manuscripts is **February 1st, 2018**. This special issue is scheduled to be published in June, 2018.

If you have any questions, please feel free to contact the Editorial team.

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