

Call for Papers

International Journal of Architectural Computing

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SIGraDi Special Issue on “Resilient Design”

The challenges of globalization as well as the impact of migration on an accelerated and changing world, promotes the resilience of neighborhoods, cities, landscapes, buildings, materials, structures, communities, individuals, and organizations. In this scenario, design –in its different forms– is no stranger to this transformation, revealing itself as a laboratory of experimental solutions. Digital technology, parametric design, manufacturing, fabrication, algorithms, AI, simulations, performance, BIM, SIG, among other technologies, provide the infrastructure for new possibilities. It promotes a substantive transformation of understanding and relating to the built environment and the territories they harbor.

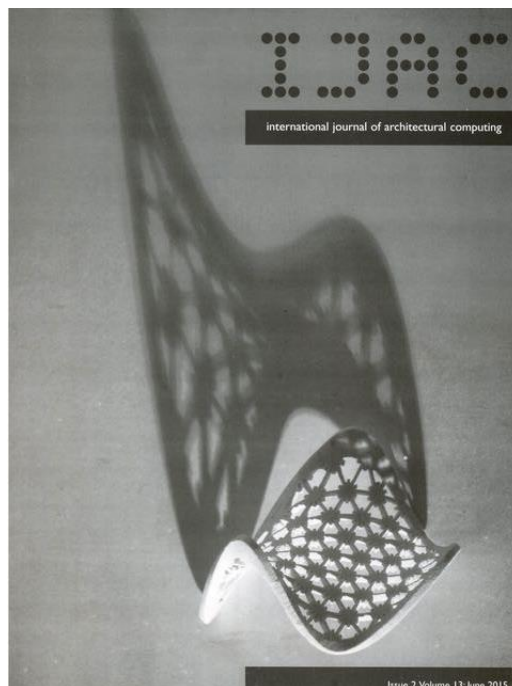
Through Resilient Design, this IJAC edition seeks to promote thoughtful and revealing experiences, about not only reductive solutions of the ecosystem and built environment vulnerabilities, such as systems redundancy or human-needs based design, but the design-thinking process, influencing the academia and professional practice fields. The aim is to catalyze the processes that lean on transdisciplinary and collaborative design thinking, creating a *Resilient Thinking* culture.

Guest Editors

Pablo C. Herrera, *Universidad Peruana de Ciencias Aplicadas, Perú* – pablo.herrera@upc.edu.pe

Rodrigo Martin, *Universidad de Buenos Aires, Argentina* - rodrigo.martin.iglesias@gmail.com

Paula Gomez Z., *Georgia Tech Research Institute, USA* - paula.gomez@gatech.edu



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Scope of the Special Issue

- Adaptive Design;
- Extreme environments design;
- Information Modeling and Simulation;
- Systems architecture design and platforms;
- Information Design and Visualization;
- Data analysis of behavioral patterns;
- Sustainable and self-sufficient design;
- Performance-Oriented Architecture
- Responsive Architecture

Deadlines

Manuscript Submission:
30th November 2018

Publication Date:
June 2019