

CALL FOR PAPERS



**17TH BUILT
ENVIRONMENT CONFERENCE**
9 - 10 OCT 2023
**CSIR INTERNATIONAL
CONVENTION CENTRE, PRETORIA**

CONSTRUCTION IN 5D: THE FINAL CHAPTER DECONSTRUCTION, DIGITALIZATION, DISRUPTION, DISASTER, DEVELOPMENT

“Learning and Innovation go hand in hand. The arrogance of success is to think that what you did yesterday will be sufficient for tomorrow.” ~ William Pollard

There is little doubt that the construction industry has experienced exponential change and development in recent years. The 17th Built Environment Conference will examine five of these cutting-edge concepts to determine their state of the art in the construction sector both in practice and academic research. This conference therefore seeks responses to questions related to current conversations, debates and empirical research on:

Deconstruction: The dismantling or 'unbuilding' of buildings to maximise reusing and preserving the demolished fragments and involves taking a building apart piece by piece, essentially reversing the order of the construction.

Digitalization: The conversion and transformation of construction business processes to use digital technologies and embrace the ability of digital technology to collect data, establish trends and make better business decisions.

Disruption: Displacement of well-established construction technologies, techniques or products to disruptively affect the normal operation or function of the construction Industry while potentially creating a new industry or market. Artificial intelligence, virtual/augmented reality, internet of things, blockchain technology, and an e-commerce are some of the disruptive technologies that are significantly influencing the future of the construction industry.

Disaster: An occurrence that disrupts the normal conditions of existence and operation causing a level of suffering and challenge that exceeds the capacity of adjustment of the affected community and the construction industry.

Development: In the context of construction refers to an industry that possesses the vision, leadership and capacity to bring about a positive transformation of itself within a condensed period of time.

Selected papers will be published as book chapters and indexed in Scopus

It is intended that these papers will contribute significantly to the existing body of knowledge relative to the science and practice of construction not only in South Africa but everywhere where the products of construction are produced even in these new challenging times of fear and uncertainty.

The conference invites papers within the context of its theme that address, inter alia, in both public and private sectors:

- Current trends and developments
- Innovation
- Opportunities and challenges
- Policies and procedures
- Legislation and regulations
- Practices
- Case studies

Papers will be reviewed according to:

- Relevance to the conference theme
- Objectives and outcomes of the conference
- Originality of the subject matter
- Rigor and robustness of empirical research
- Research design and methods

Full Paper Submission: 15 July 2023

Notice of Acceptance: 6 August 2023

Final Paper Submission: 30 August 2023

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