

Call for papers: Special issue on 'Cities, Urban Design and Development'

Guest Editors

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'Human Factors and Ergonomics in Cities, Urban Design and Development'

The United Nations (2019) now agrees that the design and operation of our cities and towns represents a frontline in addressing issues of both sustainable development and disaster management. This special issue supports the notion that Human Factors and Ergonomics (HFE) offers new and necessary interdisciplinary understandings for safer, more efficient and healthier cities.

This special issue will highlight how the scientific legacy of the HFE discipline has and can continue to contribute to exploring the complex design and development of our cities and towns. The application of HFE approaches to the challenges faced by an increasingly urbanized world are gaining interest within and beyond the HFE discipline (e.g. Stevens et al. 2018; Thatcher et al. 2019). The special issue recognizes and acknowledges the significant parallels between HFE and urban development. Fundamentally both are interested in the interfaces between humans and their environment; and scientifically neither discipline resides exclusively in engineering, nor are they the pure domain of social scientists.

The aim of this special issue is to provide researchers and practitioners with an opportunity to present research and papers focused specifically on HFE approaches in a city, urban design and development context and discuss current and future issues. Manuscript submissions may take the form of:

- Case study applications of HFE theory or methods in Cities, Urban Design and Development
- Commentary articles on the role of HFE in Cities, Urban Design and Development
- Reviews of HFE theory and methods and their use in Cities, Urban Design and Development

Topic areas to which HFE theory and methods have been applied, may include, but are not limited to:

- Climate-responsive urban design and planning
- Urban form and morphology
- Building design and information modeling
- Transport and networked infrastructures
- Community development and neighborhood design
- Disaster response and resilience
- Water and food security
- Public space and urban design
- City systems and complexity
- Smart cities and urban analytics
- Urban design and planning for health and wellbeing

Given that the focus of the special issue is on HFE and 'Cities, Urban Design and Urban Development', articles do not have to relate specifically to the manufacturing and service industries.

Timeline

- 1st June 2021, Call for papers
- 30th November 2021, Submission deadline
- 1st March 2022, Authors receive reviewers' comments
- 1st June 2022, Revised manuscripts submitted
- 1st August 2022, Authors receive reviewers' comments on revised manuscripts
- 1st September 2022, Authors receive decision on manuscripts
- 1st October 2022, Editorial and order of manuscripts passed onto journal administrator
- November 2022, Special issue published

Instructions for authors

The deadline for receipt of papers is **30th November 2021**. All papers will be subjected to the standard peer-review procedures of the journal. **Potential authors are requested to submit their paper or a summary of it for consideration to Dr Nicholas Stevens (nstevens@usc.edu.au) and Dr Silvia Tavares (Stavares@usc.edu.au) prior to electronic submission so that it can be checked to ensure its scope and quality is suitable for the special issue.**

Following approval, papers should be submitted online via the Wiley online submission site (<https://onlinelibrary.wiley.com/journal/15206564>). When specifying 'Article Type' authors should select 'SI: Cities, Urban Design and Development. Failure to do so will cause the papers to go unrecognised as belonging to the special issue.

Guidelines for authors can also be found on the Human Factors and Ergonomics Manufacturing and Service Industries <https://onlinelibrary.wiley.com/page/journal/15206564/homepage/forauthors.html>