

Infrastructure Asset Management

A themed issue on 'corporate-level infrastructure asset management: an unexplored domain of business significance' is planned for 2023

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Corporate asset infrastructure, covering government and non-government offices, industry complexes, workspaces in public assets like educational and hospital buildings, and the retail sector have embraced rapid transformation since the advent of information technology (IT)-driven decision processes in the late twentieth century. The rapid spread of the internet enabled international networking of offices and support services for remote working, has reshaped organisational structures and ways of working. Open workspace environments with meeting rooms and hot-desking have driven strategic considerations to deal with hybrid office and home working effectively. Climate change changing transport demands, behaviours and travel patterns would accelerate this move. The Covid-19 pandemic quickly established working from home as a suitable option resulting in significant demands for home office working arrangements and IT-centric assets, and extensive changes to health and well-being requirements. Rapid changes of corporate asset formation over the last few decades also created significant costs and management concerns for sustainability, resilience and appropriate levels of analysis: the strategic, tactical and operational aspects.

Abstracts are invited covering topics including, but not limited to:

- Risks of inadequate future investment in corporate asset infrastructures and workspace environments due to uncertain demand factors
- Significant organisational change challenges created from managing corporate infrastructure assets generally, and which corporate asset and why
- Inappropriate design standard and specification for life cycle performance requirements when dealing with frequent changes
- Business overhead cost increase due to more frequent changes to corporate establishments and higher health and well-being requirements
- Impact on supply chain management for rapidly changing furniture and materials requirements
- Development challenges due to inadequate condition and performance data regime for the shorter working life of a particular workspace setting
- Professional challenges for delivering designs due to limited academic and technical studies for a rapidly evolving industrial setting
- Management of non-building assets, such as vehicle fleet, information technology, safety, security and others in a sustainable manner

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