

International Journal of

Strategic Engineering Asset Management

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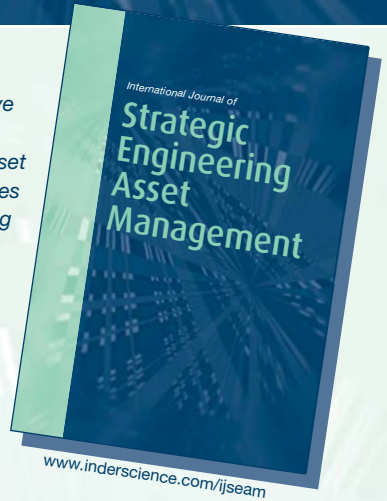
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Scope of the Journal

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Engineering assets have acquired very strategic and sensitive business and social roles in modern socio-economical/political/technological settings. Traditionally, 'asset management' implies financial assets. Emerging EAM focuses solely on physical assets, (production/process/manufacturing facilities/plants, infrastructure, support systems), being dedicated to the development/application of engineering/managerial solutions to make physical assets safe, productive, efficient, cost-effective and environmentally-friendly. IJSEAM promotes multidisciplinary thinking/practice, integrating key issues, e.g. economics, engineering, management, regulations, technology, services, data, human and organisation, etc., to create value for stakeholders realising competitive advantage.



Topics covered include:

- Financial risks/asset investment decisions, life cycle costs/production economics
- Engineering risks, technical integrity, operations management, risk analysis
- Asset maintenance, asset health monitoring/tools/technologies
- Advanced ICTs, data management, decision support technologies
- Systems design, technology selection/application strategies
- Asset modifications/project management, asset performance optimisation
- Work processes, information/knowledge management
- Human factors, organisational issues, human-process-technology interface
- Organisational design, human resource/competence management
- Industrial services/contracts and integrated logistics/supply chain management
- Performance measurement/management, productivity/quality/change management
- Business cases of strategic assets, education
- Regulations/standards for asset management, legal aspects
- Sustainable assets/asset processes, environmental technologies/management
- Global trends/implications, socio-economic aspects

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