

International Journal of

Sustainable Design

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Scope of the Journal

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Mass production, consumption, waste and various types of development in industrialised/urbanised/agrarian societies have a profound effect on the planet's living systems and vital resources. Design and innovation have the potential to regenerate the natural environment and community culture while enhancing the value of products/services to business, customers and society in general. To meet emerging scientific/technological challenges associated with sustainability, new design thinking, methods and tools are required. IJSDes addresses the development, promotion and coordination of the science/technology/practice of sustainable design.



Topics covered include:

- Sustainable design strategies, approaches, innovation
- Systems design and system modelling
- Sustainability indicators in design, design for X
- Life cycle design, assessment (LCA), costing (LCC)
- Sustainable engineering product design and development
- User-centred design and mass customisation
- Design value chains, new design business models/methods/processes
- Virtual design and e-design
- Global versus local design, trans-disciplinary collaboration
- Design-centred research and practice-oriented research
- Design management, education, ethics, sustainability
- Design for sustainable manufacturing, construction, re-manufacturing
- Design of renewable/sustainable energy systems
- Materials selection, design optimisation
- Application case studies

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