



## Smart Ergo-Design: Innovating Sustainability through Smart Ergonomics and Design

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### Message from the Guest Editors

Smart ergo-design represents an emergent holistic approach to addressing sustainability challenges. It embodies the integration of ergonomic principles, innovative design methodologies, and intelligent technologies to create products, systems, and services that are not only efficient and human-centered but also sustainable. By placing humans at the center of the product, system, and service lifecycle, smart ergo-design seeks to optimize the use of resources, materials, and energy and improve overall sustainability outcomes by employing human-centered design methodologies, promoting transdisciplinary collaboration, and utilizing data-driven decision-making.

This Special Issue explores the multifaceted implications of smart ergo-design for sustainability across various domains, including but not limited to product design, mobility, transportation, and urban planning. Utilizing insights from ergonomics, industrial design, engineering, and environmental science, the research examines the theoretical foundations, practical applications, and emerging trends in smart ergo-design.





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## Message from the Editor-in-Chief

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