

Special Issue

Ergonomics for a Sustainable Digital Age: Human-Centred Design for Social, Economic, and Human Wellbeing

Message from the Guest Editors

The digital age has fundamentally reshaped modern society, transforming how we work, communicate, and interact. This transformation presents both profound opportunities and significant challenges to the “2030 Agenda for Sustainable Development.” While digitalization can drive efficiency and connectivity, it also introduces risks that threaten social sustainability, such as digital exclusion, algorithmic bias, and new forms of occupational strain. Ensuring a truly sustainable digital future requires more than technological innovation. It demands a deep and proactive focus on social and economic sustainability by sustaining the human users within these systems. A work process that leads to burnout, a public service that is inaccessible to the elderly, or an AI collaboration that erodes human autonomy is inherently unsustainable. These factors directly impact crucial sustainable development goals related to safety, health, well-being, and decent work. Ergonomics and human factors, as the core disciplines of human-centred design, are therefore critical for creating sociotechnical systems that are not only productive but also resilient, and conducive to long-term human thriving.

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Deadline for manuscript submissions

31 December 2026



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/261148

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Editor-in-Chief

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