

## Special Issue

# Advancing Operational Excellence Through Sustainable Quality Management in Industry 5.0

### Message from the Guest Editors

The transition toward Industry 5.0 represents a transformative phase in industrial development, integrating advanced digital technologies with a renewed focus on human-centric, sustainable, and resilient operational frameworks. As organizations strive to achieve operational excellence, the incorporation of sustainable quality management principles is paramount to aligning productivity, environmental stewardship, and social responsibility. This Special Issue highlights the convergence of emerging technologies and sustainability-oriented strategies that drive the future of industrial performance and value creation. Recent advancements emphasize the critical role of innovative information models and digital tools in enhancing resource efficiency and circularity, particularly in sectors such as agroforestry biomass recovery and pharmaceutical manufacturing. For instance, web app-based platforms designed for residual biomass recovery exemplify how digital solutions can optimize resource utilization, minimize waste, and support circular economy goals.

### Guest Editors

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### Deadline for manuscript submissions

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