Special Issue

Statistical Process Control and Application

Message from the Guest Editor

Statistical process control (SPC) is a proven method that employs statistical methods to monitor and control a process in a proactive way. Proper use of SPC allows process operators and owners to reduce variation and stabilize processes, which in turn leads to process improvement and reduction of waste such as rework and scrap. SPC can be applied to any process where critical-to-quality variables can be measured. Because of its continuing importance, we invite submissions for our special issue on SPC and its applications. Through the special issue, we wish to extend our knowledge of SPC tools and applications. We therefore welcome submissions that emphasize new methodologies for monitoring processes, especially those with unique characteristics that may not meet the assumptions of traditional tools. Submissions that focus on applications in various contexts, especially novel contexts such as healthcare, not-for-profit organizations, etc., are also encouraged. Finally, review articles will also be considered, especially those that identify gaps in past and current research and suggest directions for new studies.

Guest Editor

Prof. Dr. Don Wardell

David Eccles School of Business, University of Utah, Salt Lake City, UT, USA

Deadline for manuscript submissions

closed (20 November 2023)

MDPI

About the Journal

Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

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