



Applied Stochastic Models in Business and Industry, a special issue on
Business Analytics and Data Science
Call for Abstracts and Papers

The official journal of the International Society for Business and Industrial Statistics (ISBIS), *Applied Stochastic Models in Business and Industry* (ASMBI), is inviting contributions to a special issue on *Business Analytics and Data Science*. Papers should present either innovative methodologies or forceful applications of existing methods. All submissions will go through the standard, selective review process of ASMBI. The guest editors of this issue are Tahir Ekin (tahirekin@txstate.edu), Gavino Puggioni (gpuggioni@uri.edu) and Paulo Rodrigues (paulocanas@gmail.com). Interested authors are invited to first submit a tentative title and draft abstract of what they intend to write about. The abstracts will undergo a fast turnaround review and, following that, authors will be invited to submit full length papers.

Data science and business analytics will be considered in a wide sense and correspond to all descriptive, predictive and prescriptive methods. A select number of papers from the *2019 ISBIS y-BIS Workshop on Recent Advances in Data Science and Business Analytics* will be recommended for publication in this special issue, and will go through the standard rigorous peer review screening of the ASMBI. Questions about this special issue can be addressed to the guest editors. Abstracts should be submitted by email, with subject stating **ASMBI**, to tahirekin@txstate.edu. A template for the abstract is available on:

<http://ybis2019.msgsu.edu.tr/call-for-papers/>

The schedule is:	Due date
Submission of abstract:	October 1, 2019
Completion of abstract review cycle:	November 1, 2019
Submission of paper:	February 1, 2020
Completion of review cycle:	June 1, 2020
Submission of final versions:	September 1, 2020

Applied Stochastic Models in Business and Industry (ASMBI) was first published in 1985, and has since been publishing contributions in the interface between stochastic modeling, data analysis and their application in business, finance, insurance, management and production. The journal's main objective is to publish application-focused papers, both technical and practical, presenting new results which solve real-life problems or have great potential in doing so. Domains of such problems include reliability, quality control, forecasting, managerial decision making, database management, and more. A second objective is to present new methods for solving such problems, including optimization, database management, knowledge acquisition, expert systems, decision support systems and neural computing, managerial processes, reliability, quality control, data analysis and data mining. A third objective is to present new methodologies for solving real-life problems, including new methods in optimization, simulation, probability models, statistical analysis, visualization, and data mining. The journal website is:

<http://onlinelibrary.wiley.com/journal/10.1002/%28ISSN%291526-4025>