Special Issue on “Performance Analytics in Incentive Regulation”

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Large networks of public service providers, such as those for electricity, natural gas or water supply, are often characterized by their specific cost structures of having high fixed costs and relatively low marginal costs for delivering services to customers. The operators (i.e., agents) in such networks are also expected to reveal substantial economies of scale under highly inelastic demand of services they provide. This leads to a unique market structure in which the tendency towards monopoly is promoted. As a result of this market failure, the agents may not have sufficient incentives to improve their efficiency, e.g., by economizing their operational costs. Therefore, governments, through their regulatory agencies, need to find an appropriate system of incentives to ensure that the agents deliver expected services at reasonable prices while not discouraging participation and innovation within the network and not keeping agents with good performance from further improving and reducing their cost levels over time.

The aim of this special issue is to bring together high-quality original research related to the theory and practice of performance analytics in the above-outlined domain of incentive regulation. Thereby, theoretical studies, empirical cases as well as review articles are all welcome.

Submission instructions:
You are invited to submit your manuscript at any time before the submission deadline. For any inquiries about the appropriateness of contribution topics, please contact the guest editors.

The journal’s submission platform (Editorial Manager®) is now available for receiving submissions to this Special Issue. Please refer to the Guide for Authors to prepare your manuscript, and select the article type of “VSI: Performance Analytics” when submitting your manuscript online. Both the Guide for Authors and the submission portal could be found on the Journal Homepage here: Decision Analytics Journal - Elsevier

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