Multicriteria Decision Making and the Analytic Hierarchy Process

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Deadline for manuscript
submissions:
closed (31 December 2021)

Message from the Guest Editors

Dear Colleagues,

The analytic hierarchy process (AHP), a methodology proposed by Thomas L. Saaty at the end of the 1970s, is a multicriteria decision technique that has experienced great development in both theoretical and practical terms since its origins. It stands out, among other reasons, for making it possible to incorporate tangible and intangible aspects in the resolution of decision-making problems, as well as its adaptation to multiple-actor decision-making contexts.

With regard to methodological developments, it is worth highlighting its extension to networks called analytic network process (ANP), which allows the incorporation of the dependence between the different elements involved in a decision-making problem. In terms of its development in practice, it has been used to support decision making in a wide variety of areas, such as industry, environment, health, education, government, etc.

Both the development of methodological issues in AHP/ANP and the practical applications of this methodology in decision making remain of interest to researchers.

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Special Issue

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Message from the Editor-in-Chief

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