Special Issue

Mathematical Modeling in Economics, Ecology, and the Environment

Message from the Guest Editors

The complexity of the socioeconomic evolution, circumscribed by the accumulation of irreversible irregularities, dissipative structures, and accelerated and often contradictory dynamics of the phenomena, is a challenge with an impact on the decision-making process. In this context, sustainable development involves homeoresis and resilience under economic, ecological, and environmental constraints. Mathematical modeling in the analysis of economic, ecological, and environmental phenomena, configured in various systemic/holonic structures, allows the consideration of multiple variables, identification of conditionalities and their intensity, of inflection areas, facilitating the adoption of appropriate decisions. On these coordinates, mathematical modeling offers multiple possibilities of analysis, constituting a useful tool at the micro- and macroeconomic level. This Special Issue welcomes researchers to reveal their insight and novel approaches to economic, ecological, and environmental analysis.

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Deadline for manuscript submissions

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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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