Special Issue

Entropy, Econophysics, and Complexity

Message from the Guest Editors

Econophysics offers a new approach for considering financial markets and the economy by applying Statistical Physics, Computer Science, Based Agents Simulations, Data Analysis, and other methodologies. This contributes to the understanding of Economic and Social Complex systems by examining their patterns, dynamics, and large-scale behaviors. Additionally, Entropy, a concept in thermodynamics and information theory, has found significant applications in the economy, providing insights into the unpredictability of markets and information processing in Economic Complex Systems.

We present this Special Issue on Entropy, aimed to explore the new and potential applications and connections that Entropy, Econophysics, and Complexity have on understanding the dynamics of Economic and Social Complex systems. Contributions may range from theoretical studies, like those proposing new methods for assessing Economic Complex Systems, to empirical studies that show novel analyses and new properties of financial markets and Social and Economic Complex Systems.

Guest Editors

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Deadline for manuscript submissions

10 November 2025

Entropy

an Open Access Journal by MDPI

Impact Factor 2.0
CiteScore 5.2
Indexed in PubMed

mdpi.com/si/205882

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Message from the Editor-in-Chief

The concept of entropy is traditionally a quantity in physics that has to do with temperature. However, it is now clear that entropy is deeply related to information theory and the process of inference. As such, entropic techniques have found broad application in the sciences.

Entropy is an online open access journal providing an advanced forum for the development and/or application of entropic and information-theoretic studies in a wide variety of applications. *Entropy* is inviting innovative and insightful contributions. Please consider *Entropy* as an exceptional home for your manuscript.

Editor-in-Chief

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