

Special Issue

Advances in Risk Models and Actuarial Science

Message from the Guest Editor

Actuarial science is an important branch of applied mathematics, in the context of insurance markets, using countless theoretical advancements in mathematics that have led to successful applications in risk management and the development of insurance risk models. The field faces dynamic challenges, such as climate change, cybersecurity threats, shifting social behaviours, and demographic changes. At the same time, advancements in computing technologies and the development of innovative techniques in areas like big data analysis, machine learning, data analytics, and artificial intelligence are creating exciting new research opportunities. Actuaries are now tasked with tackling a wide range of newly emerging risks. These challenges require integrating novel risks into existing models or developing new assessment methodologies, offering deeper insights into insurance risk modelling. This Special Issue serves as an invitation to researchers and professionals from both academia and industry to share their groundbreaking contributions, helping to enrich and advance this multidisciplinary field.

Guest Editor

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Message from the Editor-in-Chief

Risks is published in an open access format; research articles, reviews, and other content are released on the internet immediately after acceptance. Specifically, *Risks* welcomes submissions that (a) contribute with insight, outlook, understanding, and overview; (b) show creativity in terms of pedagogical methods and techniques; (c) help the transfer of theoretical and applied research into applications in the public and private domains; and (d) show responsibility for the impact on society. The scientific and the general public have unlimited free access to the content as soon as it is published.

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