



## Statistics and Quantitative Risk Management for Insurance

Guest Editors:

**Dr. Georgios Pitselis**

Department of Statistics and  
Insurance Science, University of  
Piraeus, 18534 Piraeus, Greece

**Dr. Apostolos Bozikas**

Department of Statistics and  
Insurance Science, University of  
Piraeus, 18534 Piraeus, Greece

**Dr. Ioannis Badounas**

Q Representative Insurance &  
Reinsurance Companies S.A.,  
17121 Athens, Greece

Deadline for manuscript  
submissions:

**closed (30 November 2022)**

### Message from the Guest Editors

Dear Colleagues,

This Special Issue aims to highlight the interplay between the statistical theory and the risk management process. We thus welcome submissions of high-quality articles that present recent developments or introduce new theoretical (or practical) advances in the area of statistics and quantitative risk management with applications related to insurance industry.

Some examples of possible research topics for this Special Issue include among others:

- catastrophe risk management
- computational methods for insurance pricing
- cyber insurance and risk management
- econometric models for risk management
- estimation and evaluation of risk management models
- extreme value theory in risk management
- insurance risk management
- longevity / mortality modelling and risk management
- loss distributions and their applications in insurance risk management
- solvency for financial institutions and risk aggregation





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Steven Haberman

Faculty of Actuarial Science and  
Insurance, Bayes Business  
School, City University of London,  
106 Bunhill Row, London EC1Y  
8TZ, UK

## Message from the Editor-in-Chief

*Risks* is published in Open Access format – research articles, reviews and other content are released on the internet immediately after acceptance. Specifically, *Risks* welcomes contributions that

- contribute with insight, outlook, understanding and overview, no matter how simple they are;
- show creativity in pedagogical tricks and techniques;
- help the transfer of theoretical research to public and private application;
- show responsibility for societal impact.

The scientific community and the general public have unlimited free access to the content as soon as it is published.

## Author Benefits

**Open Access:** free for readers, with **article processing charges (APC)** paid by authors or their institutions.

**High visibility:** indexed within **Scopus, ESCI (Web of Science), EconLit, EconBiz, RePEc,** and **other databases.**

**Journal Rank:** CiteScore - Q1 (*Economics, Econometrics and Finance (miscellaneous)*)

## Contact Us

---

*Risks* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/risks](http://mdpi.com/journal/risks)  
[risks@mdpi.com](mailto:risks@mdpi.com)  
[X@Risks\\_MDPI](https://twitter.com/Risks_MDPI)