



Optimal (Re)Insurance: Challenges and Solutions

Guest Editor:

Dr. Yiyang Zhang

Department of Mathematics,
Southern University of Science
and Technology, Shenzhen
518055, China

Deadline for manuscript
submissions:

30 September 2024

Message from the Guest Editor

Optimal reinsurance refers to the process of determining the most effective way for insurance companies to transfer risk to a reinsurer. This research topic explores the challenges and solutions involved in finding the best reinsurance strategy. Challenges may include determining the appropriate level of risk transfer, managing the cost of reinsurance, and dealing with the complexity of reinsurance contracts. Solutions may involve the use of advanced modeling techniques, innovative reinsurance structures, and strategic partnerships with reinsurers.

Topics of interest include, but are not limited to, the following:

- Optimal (re)insurance with background risks;
- Optimal (re)insurance with external interventions;
- Optimal (re)insurance with default risks;
- Optimal (re)insurance under new emerging risk measures;
- Optimal (re)insurance under new premium principles;
- Optimal (re)insurance under game theory;
- Optimal (re)insurance for dependent risks;
- Cyber risks and optimal (re)insurance;
- Insurance economics;
- Behavior (re)insurance;
- Catastrophe (re)insurance design;
- Risk sharing and optimal (re)insurance.





risks



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

mdpi.com/journal/risks
risks@mdpi.com
[X@Risks_MDPI](https://twitter.com/Risks_MDPI)