

## Special Issue

# Advancement in Mortality Forecasting and Mortality/Longevity Risk Management

### Message from the Guest Editor

Recent advancements in modeling mortality/longevity risk have deepened our understanding of mortality dynamics and enhanced risk management practices in aging populations. Events like the COVID-19 pandemic have provided us with an opportunity to improve our understanding and management of extreme mortality risk. Exploring innovative capital market solutions is worthwhile as an alternative means to transfer longevity risks. This Special Issue aims to compile recent breakthroughs in mortality modelling and forecasting, and longevity risk management, recognizing events like the COVID-19 pandemic as extreme mortality experiences. We invite papers presenting original research on related topics including, but not limited to, the following:

- Innovative mortality modeling techniques;
- Mortality forecasting in single and multiple populations;
- Assessment of extreme mortality risk;
- Capital market solutions for longevity risk transfer;
- Cause-specific mortality modeling.

We anticipate your valuable contributions to enrich this discourse.

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### Guest Editor

Dr. Han Li

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### Deadline for manuscript submissions

30 November 2025



## Risks

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*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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### Editor-in-Chief

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