



Risk Theory and Sustainable Economy

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Message from the Guest Editor

The actuarial mathematics provide a solid basement of the Risk Theory and they contain most of the features of the modern stochastic analysis. This endorses to approach the Economic Stability from rigorous and strict point of view and surpass the sociological ambiguities.

From the other side the economical considerations and especially the equilibrium concepts are reinforcing the exploration of the stability structure and can bring new ideas in the way the safety and consistency are conceived and managed.

This special issue targets to new contributions in understanding the Economical Stability. However, the special feature that gives the clue is the creative involvement of Risk Theory and further, the corresponding asymptotic results in the estimation of the ruin probability.

Any approach from extreme value theory, probabilistic inequalities, stochastic differential equations, stochastic optimization, or statistical implementation are welcomed.

The well grown mathematical background of Risk Theory can be used in improving the stability methodology.





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