

Special Issue

Risk Models, Analysis, and Assessment of Complex Systems

Message from the Guest Editors

Whether in the form of a transportation system, a manufacturing system, or an economic system, complex systems involve numerous intertwined variables and potential uncertainties. Therefore, conducting thorough in-depth analyses of the complex relationships and potential risks within these systems, and then effectively carrying out risk modeling and risk assessment to reduce these risks and the hazards they may cause, has become an urgent research task.

Moreover, this research is also important for guaranteeing optimal resource allocation, improving system efficiency, and paving the way for sustainable development. With this in mind, we are pleased to invite you to participate in the exciting research and discussions surrounding complex systems and the modeling, analysis, and assessment of their risks, and welcome you to share your findings.

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As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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