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# Models Analysis for SARS-CoV-2 Transmission and Vaccination Rollout

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## Message from the Guest Editors

In the three years following the emergence of the global COVID-19 pandemic, the environment and people's daily lives have changed dramatically. Several studies have discussed the correlated factors and potential impacts on human health, contributing to knowledge that has led to the restoration of normal life almost everywhere. Now, the recorded data could be useful in developing innovative models that can describe transmission of the virus with consideration of different global variants and vaccination efficiencies. We believe that existing pandemic data would enable the development of rigid and stable models that can be used to improve protection in potential future pandemics.

This Special Issue aims to attract high-quality academic articles that investigate new models and analyze data to provide a better understanding of COVID-19, with emphases on the contribution of vaccination rollout. Studies that consider mathematical, statistical, machine learning, and deep learning models are within the main scope of this Special Issue. We welcome original papers, systematic reviews, and case reports that address topics related to model analysis for SARS-COV-2 transmission.

**Special**sue



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### **Editor-in-Chief**

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#### Message from the Editor-in-Chief

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