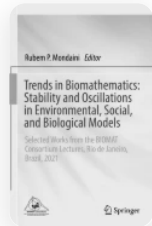


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An Interdisciplinary Model-Based Study on Emerging Infectious Disease: The Curse of Twenty-First Century

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[Anal Chatterjee](#) & [Suchandra Ganguly](#)



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Abstract

In this article, we present an epidemiological model to analyze the impact of the emerging disease COVID-19. When an infectious disease like coronavirus suddenly emerges out of the blue, little is known about it. As time passes we get equipped with better information and knowledge. Some of the common tactics generally adopted to fight off the disease include awareness, isolation, lockdown, treatment and vaccination. Media also plays a