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Impact of COVID-19 pandemic on sustainable development goals: What we learn from the past and where we are heading?

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Abstract:

Recently, the world is witnessing a severe global health issue owing to the COVID 19 pandemic, initially encountered in the city of Wuhan in Hubei province in China. It spread rapidly, so does the fatality ratio. This pandemic has jeopardized the sustainable development goals at large. Still, the future is uncertain—the current study aimed at two objectives. The first is to review the past literature on the coronavirus family to map our current understanding of its epidemic outbursts and overview its social, environmental, and economic impact. The second stream of literature focused on classifying the best possible solutions under different scenarios due to the current situation. Finally, to provide future agenda for policymakers to restrain the sustainable development goals. We used Scopus and Web of Science (WoS) databases for the systematic literature review process. We followed a strict screening process recommended in the PRISMA guidelines for the screening and quality assessment of systematic literature review. The final 51 studies are included for the systematic literature review. A systematic review of the past literature identified severe acute respiratory syndrome coronavirus (SARS), Middle East Respiratory Syndrome Coronavirus (MERS), bovine Coronavirus, canine Coronavirus, and feline Coronavirus are the significant classifications of the Coronavirus family discuss in the literature. We highlighted the potential pitfalls in the past literature, mainly serious scarce

collaborative and multidisciplinary research on the pandemic, although several researchers highlighted the issue. Findings of the current study indicate that most research is in a lab setting and experimental design. For sustainable development, there is a need to start collaborative work among the nations. We provided a framework for a pandemic strategic response plan through multidisciplinary research to mitigate the impact of the recent COVID-19 pandemic and to be prepared for future episodes. The future of the world after the 2019-COVID is more challenging and vital for humanity in terms of business, economic and social perspective. Social structures will change the current situation is showing based on literature and reports. The economic recession will be prolonged if the researchers cannot find the solution for the Coronavirus.