



System Dynamics Modeling and Simulation for Public Health

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Deadline for manuscript
submissions:

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Message from the Guest Editor

Dear Colleagues,

System Dynamics (SD) modeling is a well-established method for addressing public health issues, for example, controlling the spread and harm of epidemics (such as COVID-19). Because SD can model people's behavior, as well as larger societal forces, it is often more effective than other methods at finding lasting solutions to persistent problems.

This Special Issue invites the submission of papers that examine public health policy issues using stock-flow models that can simulate system behavior and test various interventions to improve health outcomes in a subject population. If possible, these models should be calibrated to real-world data; however, in all cases, they should use parameters derived from established peer-reviewed research and/or subject-matter experts. Novel methods for improving the quality of their results are welcome.

While not an exhaustive list, possible topics include the following:

- Population health;
- Health care capacity and delivery;
- Inequality in health care.

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Special Issue



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Message from the Editor-in-Chief

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