



Applications of Complex System Approach in Project Management

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Message from the Guest Editor

Dear Colleagues,

As the complexity of projects increase, systems thinking is needed to analyze how these projects should be managed. In this Special Issue, we would like to invite you to submit papers on applications of complex system approach in project management. Various applications of models and methods to manage the complexity of projects are welcome, including modelling and simulations tools based on discrete event simulation, systems dynamics, and agent-based modelling. It is expected that the papers will present new ideas to project management academics and practitioners in order to implement system approach in complex projects.

Examples of such applications include but are not limited to the following:

- Analysis of system maintenance and reliability.
- Implementation of system dynamics in critical infrastructures.
- Modelling and simulation of complex systems.
- Complex system analysis in water and energy systems.
- Systems thinking applications in project management.

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