Special Issue

Artificial Intelligence in Civil Engineering: Latest Advances and Prospects

Message from the Guest Editor

In this Special Issue, the focus is on Artificial Intelligence (AI). The synergies of AI and civil engineering facilitate a reengineering of project management.

All project phases, from planning and construction, to operation, maintenance, and finally removal of the project, are taken into consideration. The aim is also to apply AI early within the business planning of project enterprises to achieve sustainable development and environmentally friendly projects with minimum externalities. Case studies of a plethora of project types are welcomed, including but not limited to building projects, highway/road projects, geotechnical projects, and hydraulic projects, both private and state owned.

It is interesting to highlight the established or potential synergies among AI and project management sectors such as human resource, scope, time, cost, risk, quality, integration, procurement, communication, earned value, and health and safety management.

I look forward to receiving your contributions.

Guest Editor

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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