

## Special Issue

# Application of Fuzzy Sets in Civil Engineering

### Message from the Guest Editor

Construction industries throughout the world are challenged to improve their performance if they are to contribute fully to the achievement of economic prosperity, sustainable environments and healthy, fulfilled populations. One of the most important features differentiating construction from other industries is its complexity, as it involves a number of stages which must be appropriately adjusted and managed through different multi-aim decisions. Fuzzy logic has been increasingly applied to the research area of civil engineering in the last decade. Fuzzy research can be divided into two wide-ranging fields: (1) fuzzy set/fuzzy logic and (2) hybrid fuzzy techniques. These are applied in four main ways: (1) decision making, (2) performance, (3) evaluation/assessment and (4) modeling. The main objective of this theory is to represent inaccuracies existing in some expressions in a natural language. Many authors claim that combining the method of incomplete information with fuzzy set theory to represent inaccurate information can be used to describe the phenomena of the world more thoroughly and naturally.

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### Guest Editor

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### Deadline for manuscript submissions

closed (20 July 2024)



## Applied Sciences

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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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### Editor-in-Chief

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