



Modelling of Corrosion-Related Mechanisms in Reinforced Concrete

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Message from the Guest Editors

This Special Issue of *Applied Sciences* provides a forum for original studies and comprehensive reviews on the modeling of corrosion mechanisms in reinforced concrete that considers extrapolation from experimental/accelerated tests, empirical models, analytical models or numerical models. Furthermore, studies addressing the influence of the environment (carbonation-induced corrosion or chloride-induced corrosion), of supplementary cementitious materials, and of aggregate source (natural or recycled) are welcome.

Interests:

design for durability, as one of the main parameters of sustainability; agreed methods to assess the durability of existing reinforced concrete structures; reliable methods to make appropriate provisions for maintenance of reinforced concrete structures; improvement of sustainability analyses based on life cycle assessment, life cycle management, life cycle design or life cycle cost.





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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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