



## Advances in Serviceability Analysis of Concrete Structures

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Deadline for manuscript  
submissions:

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### Message from the Guest Editor

Dear Colleagues,

Reinforced concrete is a unique material in two aspects. The first regards the extent of its application: concrete is the second human consumable after water. The second aspect of uniqueness is a highly complex mechanical behavior: concrete cracks, creeps, and shrinks. The interaction of concrete and reinforcement, known as the effect of tension stiffening, is extremely intricate. These effects have a key influence on the serviceability behavior of concrete structures.

This Special Issue will compile recent developments in various aspects of the serviceability analysis of concrete structures. Analytical, numerical, and experimental investigations are welcome. The topics of interest include but are not limited to:

- Deformations
- Cracking
- Shrinkage
- Creep
- Tension stiffening
- The range of concrete and reinforcement types
- Pre-stressed concrete
- Various loading cases

Full papers, communications, and reviews are welcome.

Prof. Dr. Gintaris Kaklauskas

*Guest Editor*





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## Message from the Editor-in-Chief

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