

Special Issue

Structural Assessment and Health Monitoring of Infrastructures

Message from the Guest Editor

The main focus of this Special Issue is on recent advances in the assessment methodologies and health monitoring techniques for civil infrastructures. Examples of those assessment methodologies include digital image correlation, ultrasound, optical fiber sensors, and traditional sensors if advanced algorithms have been developed. The accurate assessment of health state for existing structures is one of the inherent challenges. Many algorithms have been developed to track the health state of civil infrastructure for last few decades. However, professional field engineers prefer to rely on the visual inspection to estimate the structural health state. For this reason, the specific suggestions of standardized SHM technologies and application studies on existing structures can be interesting topics for this Special Issue.

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