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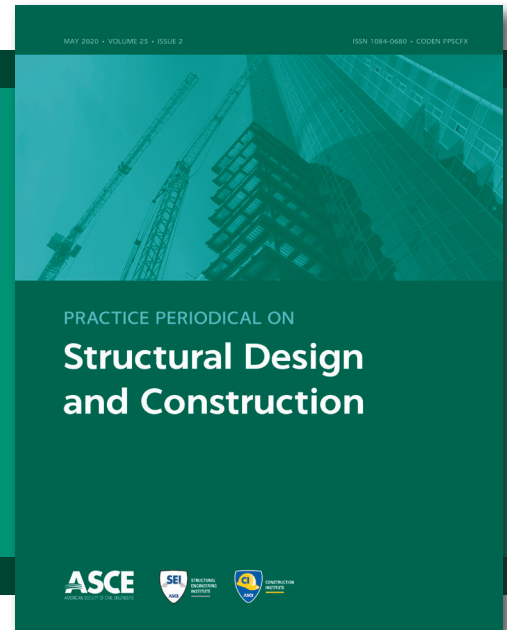
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## Call for Papers

### Special Collection: Recent Advances in Structural Health Monitoring Techniques and Applications

Submit manuscripts:

<https://www.editorialmanager.com/jrnsceng>



### Aims & Scope

Structural health monitoring (SHM) is an important tool for evaluating the integrity of structural systems and their preventive maintenance. The implementation of SHM techniques has been widely proposed and documented in recent years. These techniques have been successfully deployed to improve reliability and safety and to solve maintenance problems of our aging civil infrastructure systems. The SHM arena covers a variety of sensing and data processing, data interpretation, and testing methods. The intent of this special collection of the *Practice Periodical on Structural Design and Construction* is to invite scholars, researchers, engineers and other innovators to collectively display their state-of-the-art knowledge and their cutting-edge innovations in the area of SHM techniques and their applications to civil structures. We invite researchers to contribute with original research articles. We also welcome review articles summarizing the current state of the art. Topics of interest include (but not limited to):

- Damage detection, classification, and localization
- Experimental or numerical, probabilistic analysis of SHM systems
- Nondestructive testing (NDT) techniques
- Material properties and damage assessment
- Sensor technologies, sensor networks and smart systems for SHM
- Improving measurement accuracy and inspection technologies

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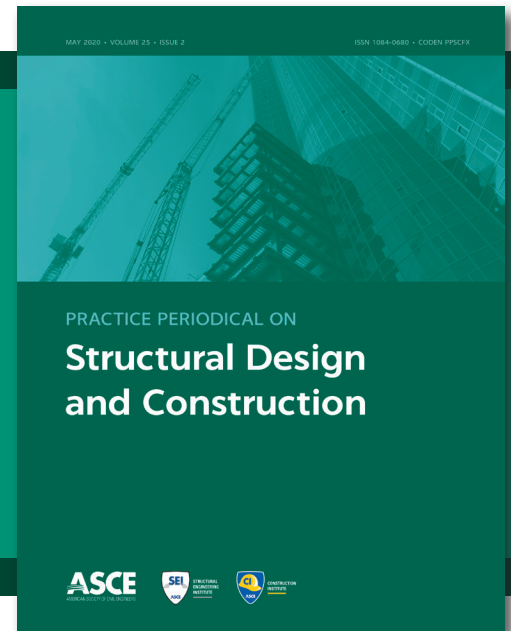


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- Frequency or time-domain methods in SHM
- Machine learning in SHM
- Optimization techniques in SHM

## Submission Information

**Submissions will be accepted on a rolling basis (no current deadline).**

Submit manuscripts: <https://www.editorialmanager.com/jrnsceng>

Authors are encouraged to prepare their manuscripts in accordance with guidelines in "Publishing in ASCE Journals: A Guide for Authors" (<https://ascelibrary.org/r/publishingguide>).

When submitting, authors should indicate in the submission questions that the paper is being submitted in response to this call for papers ("Recent Advances in Structural Health Monitoring Techniques and Applications") and the Guest Editors' names.

Please note that all accepted papers submitted in response to this Call for Papers will be published in regular issues of the *Practice Periodical on Structural Design and Construction* and assembled online on a page dedicated to this Special Collection.