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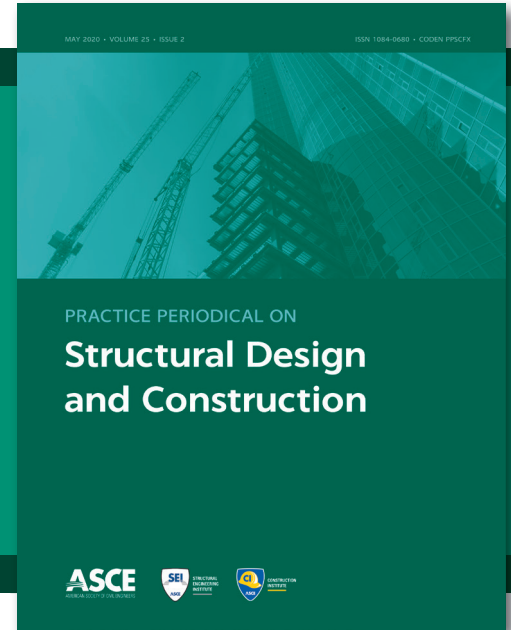
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Call for Papers

Special Collection on Building and Facade Inspection to Prevent Failure

Submit manuscripts:

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



Aims & Scope

Building and facade inspections are now considered integral parts of an overall management plan for longevity and failure prevention, especially in high-rise buildings. A program of routine inspection and maintenance, complemented with nondestructive testing and monitoring, is an effective method of identifying the cause and severity of distresses and prescribing remedial actions to prevent failure. The sudden failure of June 24, 2021 of the Champlain Towers South Condominium in Surfside, Florida, has brought much attention to, and placed a great emphasis on, the subject of building inspection and failure prevention. In this regard, this special collection of the Practice Periodical on Structural Design and Construction focuses on "Building and Facade Inspection to Prevent Failure." Articles relevant to all aspects of facade and building inspection, comprehensive state-of-art reviews, inspection and monitoring methods, city ordinances and case study manuscripts on the relevant following, and related, topics are solicited:

Relevant Topics

- Significance of NDT methods and monitoring in facade inspections and failure prevention
- Significance of differential settlement in overstress conditions in framed structures
- Foundation issues in causing facade damage
- Common distress conditions in facades
- Review of common city codes in facade inspections
- Redundancy and potential for progressive collapse

continued on reverse

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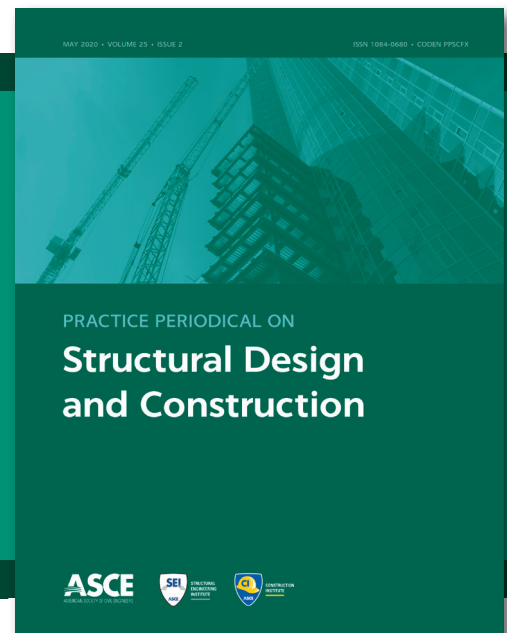
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- Case studies on building inspection and/or failures
- Case studies on facade inspection and/or failures
- History of facade inspection ordinance in Chicago, Illinois, USA
- History of facade inspection ordinance in other cities

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 (“Special Collection on Building and Facade Inspection to Prevent Failure”) 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.