

Structures Congress 2018

Bridges, Transportation Structures, and Nonbuilding Structures

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Preface

The Structures Congress has a robust technical program focusing on topics important to Structural Engineers.

The papers in the proceeding are on the following topics

- Advances in Structural Engineering Research
- Analysis, Design & Performance
- Avoiding Disproportionate Collapse
- Bridge Analysis, Design and Repair
- Bridge Management, Inspection and Sustainability
- Building Structures- Case Studies & Concepts
- Buildings - Special Topics in Structures
- Business and Professional Practice
- Codes and Standards - Learn from the Experts
- Design for Lateral Loads/Systems
- Extreme Bridge Loads
- Forensic Investigation
- Long Span Bridges & Vibrations
- Materials- Design & Construction
- Natural Disasters - Moving Toward Improved Resilience
- Nonbuilding Structures and Nonstructural Components
- Special Topics in Structures
- Transformation in SE Education

Acknowledgments

Preparation for the Structures Congress required significant time and effort from the members of the National Technical Program Committee, the Local Planning Committee and staff. Much of the success of the conference reflects the dedication and hard work by these volunteers.

The National Technical Program Committee, the Local Planning Committee and staff would like to acknowledge the critical support of the sponsors, exhibitors, presenters, and moderators who contributed to the success of the conference through their participation.

Thank you for spending your valuable time attending the Structures Congress. It is our hope that you and your colleagues will benefit greatly from the information provided, learn things you can implement and make professional connections that last for years.

Sincerely,

J. G. (Greg) Soules, P.E., S.E., P.Eng, SECB, F.SEI, F.ASCE
CB&I, LLC
Chair, National Technical Program Committee

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