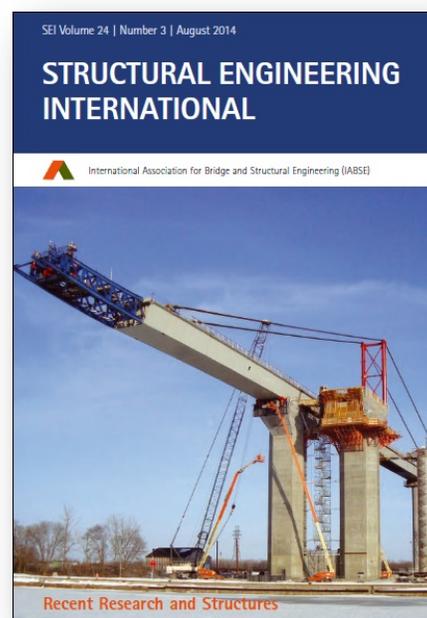


STRUCTURAL ENGINEERING INTERNATIONAL



1/1/2016

SEI AUTHOR GUIDELINES



This document is aimed for authors who intend to submit their paper for possible publication in the Structural Engineering International journal. Following the author guidelines will greatly facilitate the review and the editorial process.

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Structural Engineering International

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INTRODUCTION

Structural Engineering International (SEI) is a quarterly journal of the International Association for Bridge and Structural Engineering ([IABSE](#)). SEI is a leading source of information on developments in, and related to, structural engineering. SEI publishes the latest developments in structural engineering theory and practice from around the world. Articles are written primarily by structural engineers for structural engineers.

SEI is a quarterly journal published in Feb/May/Aug/Nov. of each year, since 1991. Each paper submitted is separately reviewed by the SEI Editorial Board and Reviewers. We publish articles on recent structures and peer reviewed papers. To get acquainted to SEI articles [click here](#).

Dr. Ann Schumacher is the Chair of the SEI Editorial Board. Entire list of Editorial Board Members can be viewed here: [SEI Editorial Board](#).

For any enquiries you can contact the Publications Manager, Ms. Brindarica Bose at bose@iabse.org

AIMS AND SCOPE

Structural Engineering International (SEI) publishes technical reports and scientific papers with a focus on structural engineering, to bridge the gap between professionals and academics. SEI is a journal with a mix of articles ranging from practical to scientific. SEI publishes articles on recent structures, developments in practice and research. Articles in SEI consider all types of structures, bridges, buildings, offshore structures, etc., constructed from all types of building materials: concrete, steel, composites, timber, fibre reinforced polymers, glass, etc. Articles in SEI also deal with the sustainability of structures and a broad range of structural engineering practice from design to construction to maintenance and monitoring, and finally to the re-use or demolition of structures.

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| | |
|---|--|
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| 4. Please indicate the Submission Category (Note the word limit): 4.1 Technical reports: (a) papers dealing with recent structures: ~1600 words, 3-5 figures (b) General reports: ~2400 words, 5-7 figures 4.2 Scientific Papers: Maximum 10, 000 words, 5-7 figures | |
| 5. Every paper should have a “Abstract”, “Introduction”, “Conclusion” and 5-7 Keywords . Technical reports dealing with recent structures should have a SEI Data Block (see sample pasted below). The paper should not have too many figures , try to limit to a minimum number of relevant figures only. NOTE: For decimal markers, please use DOTS. | |
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List below is to help you prepare your documents prior to submission:

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- Units are indicated in axis titles.
- The paper does not exceed the word count (Scientific paper, peer reviewed: approx. 10, 000 words, 5-7 figures/Technical Paper, non-peer reviewed: approx. 2400 words, 5-8 figures).
- This manuscript was not submitted elsewhere or published elsewhere (in English or foreign language).
- This manuscript was published elsewhere, it is mentioned in the Letter to the Editor along with the full citation to the previous publication and a clear description of the new material that has been added to this paper.
- The photos/figures used in this paper have not been previously published.
- Figures were published before, a clearance letter from the publisher has been included to resolve any copyright issues along with the letter to the Editor.

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Please upload a WORD doc. with just 3 to 5 bullet points stating what is new in your paper (new findings, new research?) justifying, as to why it should be considered for SEI.

SEI PAPER CATEGORIES

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Technical Reports on recent structures: These articles briefly profile recent individual structures. Articles may deal with the planning, design, construction, operation, maintenance, rehabilitation, or dismantling of structures. They are to address the scientific and technical aspects of the structure, but may also discuss economic, environmental, sustainable, aesthetic and social aspects. Recent Structures papers should end with a **SEI Data Block**. See example pasted.

| SEI Data Block | |
|---|----------------|
| <i>Owner:</i> The Department of Highways | |
| <i>Contractor:</i> Unique Engineering and Construction Co. Ltd | |
| Steel (t): | 4646 |
| Concrete (m ³): | 38 313 |
| Prestressing steel (t): | 1358 |
| Estimated cost (USD million): | 40 |
| Service Date: | November, 2008 |

Word Count: Two to three SEI pages (1600 to 2400 words) and must include at least one technical drawing or diagram and one photograph among the figures.

Technical reports on general topics: These articles include research, development, testing and practical contributions as well as articles on project management, education and professional issues. They may be peer-reviewed by two reviewers with expertise in the topic presented according to the decision of the Chair of the SEI Editorial Board.

Word Count: Three to four SEI pages (2400 to 3200 words), including figures (4-6 figures count for 1 SEI page).

Towards more citable Technical Reports (TRs):

Technical Reports should present an innovation or a unique or special detail within the context of a presentation of a new structure. A TR should not simply be a description of a recently completed structure. Manuscripts should be prepared bearing in mind the following questions: what will bridge/structural (practicing) engineers learn from reading the paper? Is the innovation, idea, unique feature being described something that can be implemented internationally?

1. Is the organisation clear? The structure of a TR should be similar to a Scientific Paper, in the sense that it should also have an abstract, introduction, conclusions and references.

2. If applicable, the TR should include a literature review to describe briefly the current status of the structural system being described/discussed in the paper in an international context. This information will allow the differences between the presented structural system to others used world-wide to be explored later in the paper.

3. The structure should be described briefly yet clearly, including its purpose, design loading, unique characteristics, and principle dimensions, material properties, etc. A photo of the completed structure must be included in the paper. Furthermore, meaningful figures and illustrations should be used to enhance the explanations.

4. As stated in 1., the special / unique design details or innovative construction procedures, economic benefits, aesthetical considerations, must be presented in the TR. The advantages of the proposed structural system and its difference from existing ones should be clearly discussed. The general and broad applicability of the innovation should be described. SEI is, however, not interested in publishing innovations that are so “special” that they will likely only be applicable to the structure being presented.

5. In the Conclusions, the innovation, unique design features, etc. and their applications must be clearly summarized.

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These articles tend to be theoretical and present and interpret the results of significant scientific investigation in the field of structural engineering. These articles are peer-reviewed by two reviewers with expertise in the topic presented.

NOTE: Authors can suggest 2-3 reviewers (full name, email address, university/company name) for their papers, when they submit their paper in ScholarOne.

Word Count: Approx. ten to thirteen SEI pages (~10,000 words and 5-7 figures).

How to distinguish a Scientific Paper?

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Peer reviewed papers **shall contain new material and not textbook material**. Peer reviewing is necessary when the Editorial Board needs to verify the accuracy or validity of the paper. The

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3. EMINENT STRUCTURAL ENGINEER (ESE)

These articles feature one engineer; living or deceased. These articles include a brief CV; date of birth, place of study, positions, a brief description of their work in particular detailing the innovative or special aspects, an explanation of which engineers or what works most affected the work of the individual, if known, a personal interpretation or discussion of how their work affected posterior structural engineering developments or other engineers, if applicable, the personal relationship of the author to the featured individual, or personal anecdotes illustrating a professional facet of the featured individual.

Word Count: Two-three SEI pages (~1600 words and 3-4 photos). A portrait of the featured individual, one to three photographs, renderings or line drawings of their work should also be included. The paper should have the following structure:

1. Intent

1.1. The intent of this series is:

- a. to raise awareness of the structural engineering heritage through a better understanding of the work of notable structural engineers,
- b. to promote good engineering examples and inspire young engineers.

2. Content

- a. Both living and deceased engineers will be featured.
- b. Only one engineer will be featured in each document.
- c. Each document should include the following information:
 - A brief CV; date of birth, place of study, positions, ...,
 - A brief description of their work in particular detailing the innovative or special aspects,
 - An explanation of which engineers or what works most affected the work of the individual, if known,
 - A personal interpretation or discussion of how their work affected posterior structural engineering developments or other engineers,
 - If applicable, the personal relationship of the author to the featured individual, or personal anecdotes illustrating a professional facet of the featured individual.

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- 3.2. Each document will be printed on two full, facing, pages.
- 3.3. The number of words shall not exceed 1600.
- 3.4. Each document shall include the following graphics: A portrait of the featured individual, and one to three photographs, renderings or line drawings of their work.

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Each reference must be addressed in the body of the paper, preferably such that the content of that reference is briefly summarized.

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The paper should discuss about the conceptual design, statistics, decision making process to make the contribution more interesting. To attract the readers, the content should be split up into shorter paragraphs with more headings/subheadings. Aim for clarity and fluency.

Avoid personal pronouns “I”, “we”, “us”. DO NOT refer to products, brand names, personal names or companies within the text, illustration. They can however be mentioned in the SEI Data Block (for Technical Reports dealing with recent structures) or in the Acknowledgement section (personal contribution/thanks). Authors bear all responsibility for the information provided.

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A short ‘Abstract’ (max. 200 words), ‘Introduction’ and a ‘Conclusion’ section are required. Figures and Tables should be referred to in the text. The Abstract should be understandable without reference to the rest of the paper.

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Equations should be clear and easy to understand. Number them in your text and place each one on a new line. Variables within text and Equations should be in Italics. For Decimals use a dot "." E.g. 9.98.

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[1] Dzung RJ, Tommelein ID. Using product models to plan construction. *Proceedings 5th International Conference on Computing in Civil and Building Engineering*. ASCE: Anaheim, CA, New York, 1993; 1778–1785.

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