PUBLISHING IN ASCE JOURNALS
A GUIDE FOR AUTHORS

ASCE PUBLICATIONS

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ABOUT ASCE JOURNALS

A core mission of ASCE has always been to share information critical to civil engineers. In 1867, then ASCE President James P. Kirkwood addressed the membership regarding the importance of sharing information as the organization’s members spread far outside the boundaries of New York City.

“Here, because we are so widespread,... we shall find it more needful to create this other tie, and to maintain it by a regular distribution of so much of the proceedings of the general meetings as will be readable and valuable to the absent members.”—James P. Kirkwood

Volume 1 of the Transactions of the American Society of Civil Engineers was published in 1872 and contains technical papers read to the assembled members of the Society at various meetings. These papers explored new techniques, materials, and best practices. Kirkwood spoke of the importance of documenting and sharing the failures in order to improve the practice.

By 1956, the members of the Society had grown and subdisciplines had emerged as divisions. The Transactions were now split into the journals of the original divisions.

Today, as in 1867, the journals of ASCE are the media through which civil engineers exchange technical and professional knowledge. Information published in the journals is the archival record of the technical advances of the profession.

ASCE publishes 34 journals across many civil engineering disciplines. Authors are ASCE members and non-members alike. The community surrounding each journal is international and multidisciplinary.

Responsibility for reviewing manuscripts submitted to ASCE for publication rests with the editors and editorial boards of each journal. The Executive Committee or Publications Committee of each division, council, and institute is responsible for the contents of their journals.

ASCE LIBRARY

The ASCE Library is the online home of journals, conference proceedings, ebooks, and standards. All ASCE journals are available online with full text going back to 1983.

ASCE journal content is highly discoverable and indexed in all the major services, including Google Scholar, Elsevier (Scopus and Engineering Village), Thomson Reuters (ISI, Web of Science, SCI), ProQuest, Civil Engineering Database, TRID, and EBSCO to maximize the discovery of author works.

Information about each journal, such as the Aims and Scope, Editorial Board, Submission links, etc., can be found on the home page of each journal at ascelibrary.org.
GUIDELINES FOR PUBLICATION

To be acceptable for publication, a manuscript must:

- Be of value and interest to civil engineers.
- Be an original review of past practice, present information, or probe new fields of civil engineering activity.
- Contribute to the planning, analysis, design, construction, management, or maintenance of civil engineering works.
- Contribute to the advancement of the profession by using the journals as a forum for the exchange of experiences by engineers.
- Include a practical applications section whenever possible; theoretical manuscripts should indicate areas of additional research to implement technology transfer.
- Be free of evident commercialism or private interest, but must not obscure proper names when they are required for an understanding of the subject matter.
- Be free of personalities, either complimentary or derogatory.
- Not be readily available elsewhere—it should not have been published previously by ASCE (including a proceeding) or other professional or technical societies, federal agencies, or commercial publishers.
- Be clear and transparent on authorship; ASCE will not review or publish any manuscripts whose authorship is in dispute.
- Be consistent with the purpose of the Society and not contain purely speculative matter, although it can use scientific evidence to challenge current concepts or propose new ideas that will encourage progress and discussion.

TYPES OF JOURNAL CONTENT

Technical Papers — Technical papers are full-length manuscripts of value and interest to civil engineers. They must be original reviews of past practice, present information of current interest, or probe new fields of civil engineering activity. They should report results of thought-provoking studies that contribute to the planning, analysis, design, construction, management, or maintenance of civil engineering works. Technical papers should include a practical applications section whenever possible; theoretical manuscripts should indicate areas of additional research to implement technology transfer. Practical papers are strongly encouraged. Technical papers must have fewer than 10,000 words or word-equivalents.

Technical Notes — Technical notes present (1) original, practical information; (2) preliminary or partial results of research; (3) concisely presented research results; and (4) innovative techniques to accomplish design objectives. Technical notes should be no more than 3,500 words or word-equivalents.

Case Studies — Case studies describe a method or application that illustrates a new or existing principle or presents an innovative way to solve a problem. Ideally, results should have broad implications and
not be specific to only the case presented. Case studies are judged with the same rigor as technical papers and notes. They may range from 5,000–10,000 words or word-equivalents.

**Discussions** — Discussions present significant comments or questions about the technical content of a technical paper, note, or case study published in an ASCE journal. Discussions may be submitted during a 5-month period following the date of publication of the manuscript and have a suggested limit of 2,000 words. Discussions should not contain matter readily found elsewhere, advocate special interests, contain obvious commercial intent, controvert established fact, or be purely speculative.

Discussions follow the requirements for other manuscripts except that they do not have abstracts, introductions, or conclusions. Separate discussions must be submitted for companion papers (a study presented as multiple parts in the same issue). Numbering of author footnotes, figures, tables, and equations should begin with one (1) and continue sequentially making it clear when a table, figure, or equation being discussed is from the original paper or the discussion or closure.

Directly below the title of the discussion or closure, provide the title, authors, and DOI of the original paper.

**Closures** — Closures are responses written by the author(s) of the original manuscript in response to an accepted discussion. The author(s) addresses and clarifies issues raised in discussions and provides conclusions to the issues. Closures and discussions are published together. Guidelines for formatting a closure are the same as for discussions. Please make sure that those authors involved in the writing of the closure are included in the byline. Not all of the original authors need to be listed.

**Book Reviews** — Book reviews assess new books whose content is judged important. They summarize the work, illuminate its strengths and weaknesses, and place it in context with existing literature. Reviews are limited to 1,200 words. Please note that not all ASCE journals publish book reviews.

The first page of a book review must contain the following information: book title, author(s)/editor(s), publication year, publisher and publisher address, ISBN, price in U.S. dollars, and total number of pages. The reviewer’s name and affiliation must also be provided.

**Editorials** — An editorial is a brief opinion piece, normally written by the editor, concerning the scope, content, direction, or philosophy of the journal or a policy issue concerning engineering research or its application. Editorials are occasionally invited but not reviewed. Contributions are usually short, not exceeding one or two printed pages or 1,000–2,000 words, and rarely contain tables, figures, or references. Editorials require a title and author’s byline with current affiliations.

**Forums** — A forum is a thought-provoking opinion piece or essay founded in fact, sometimes containing speculation, on a civil engineering topic of general interest and relevance to the readership of the journal. Its purpose is to stimulate discussion rather than document an advance in research or its application. A forum is subjected to either partial or full peer review, depending on the subject matter and recommendation of the editor. Forums are usually two to five printed pages or 2,000–5,000 words.
Tables, figures, and references are often included but an abstract is unnecessary. Forums require a title and author’s byline with current affiliations.

**Corrections**

- **Errata:** Corrections of published errors. If errors are serious enough to impair understanding or mislead readers, authors should submit errata through the submission website for review by the managing editor and production manager. Errata are published in the earliest available issue.
- **Notice of Redundant Publication:** Notification to the readers that significant content in the paper may have already been published in the authors’ previous published work.
- **Expression of Concern:** Notification to the readers that the paper is being investigated.
- **Retraction:** Notification that the paper is no longer considered a viable contribution to the journal. Retracted papers are noted with the word “Retraction” added to the title. Retracted papers are not removed from ASCE publications.

**Companion Papers** — Companion manuscripts must be submitted at the same time to ensure they are reviewed together and will publish together if both are accepted. Generally, companion manuscripts are reviewed by the same editors and reviewers; however, they can be reviewed as separate articles if the editor deems it is the most appropriate and logical presentation of the work. If the work would more logically be presented as a single paper, the set will be returned to the author(s) for revision as a single paper.

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**ADDITIONAL CONTENT TYPES**

The *Journal of Geotechnical and Geoenvironmental Engineering* contains the following content type:

**Technical Breakthrough Abstract** — Short contributions that present original, concise, and practical information regarding an important new breakthrough relevant to geotechnical engineering. Technical breakthrough abstracts may contain figures, tables, and references but may not exceed one published page (single side) in the journal, which corresponds to a length of approximately 800 words or word-equivalents.

The *Journal of Legal Affairs and Dispute Resolution in Engineering and Construction* contains the following content types:

**Scholarly Papers** — Scholarly papers are original, well-researched, referenced, and analyzed papers typically ranging from 4,000–9,000 words. Papers address the subject matter’s impact on the execution of engineering and construction projects. Articles discussing jurisprudence fall in this category.

**Legal Notes** — Legal notes emphasize the specific practice and application of laws. They are usually 1,500–9,000 words in length.

**Features** — Feature articles describe a subject of current public interest and are written to apprise the readership of the main issues and developments in the matter. Features are typically 2,500–7,500 words in length.
Letters to the Editor — Short letters range from 400–1,500 words; longer letters are up to 4,000 words. Letters should meet a high technical and scientific standard and be referenced, where possible, especially the longer letters.

Synopses of Court Verdicts — Synopses are write-ups on a recent court verdict, typically ranging from 1,500–3,500 words, which trace the history, developments, and outcome of the court verdict and explain its effect on contract administration.

Conference Reviews — Conference reviews are short yet full accounts or descriptions of any conference, seminar, or symposium on law and dispute resolution. This review must discuss a recent event. The length of such articles must be between 800–2,400 words.

Discussions and closures may be submitted for Features, Scholarly Papers, Case Studies, and Legal Notes.
**ETHICAL STANDARDS**

**OBLIGATIONS OF AUTHORS**

- An author’s central obligation is to present a concise account of his or her research, work, or project completed with an objective discussion of its significance.
- Submitted manuscripts should contain detail and reference to public sources of information to allow the author’s peers to repeat the work or otherwise verify the accuracy. All reasonable requests by editors or reviewers for materials, data, and associated protocols should be fulfilled. Authors should clearly note any data sharing restrictions in their cover letter when submitting (see ASCE Policy on Materials and Data Sharing on page 16).
- The manuscript must not contain plagiarized material or falsified research data. ASCE is a member of the Committee on Publication Ethics (COPE). As a member, ASCE follows the guidelines recommended by COPE outlined at [publicationethics.org](http://publicationethics.org).
- Fragmentation of research papers should be avoided. An engineer or scientist who has done work on a several related systems should organize publication so that each manuscript gives a complete account of a particular aspect of the general study.
- ASCE will not review or publish manuscripts that have been previously published in print or online.
- Authors should refrain from criticizing another manuscript by personally attacking the author.
- To protect the integrity of authorship, only persons who have significantly contributed to the research or project and manuscript preparation should be listed as coauthors. The corresponding author will attest to the fact that any others named as coauthors have seen the final version of the paper and agreed to the submission for publication.
- It is inappropriate to submit manuscripts with an obvious commercial intent.
- It is inappropriate for an author to either write or coauthor a discussion on his or her own published manuscript, except in the case of a closure to the discussion.

**OBLIGATIONS OF EDITORS**

- The primary responsibility of an ASCE journal editor is to ensure an efficient and fair review process of manuscripts submitted for publication, and to establish and maintain high standards of technical and professional quality.
- Criteria of quality are originality of approach, concept, and/or application; profundity; and relevance to the civil engineering profession.
- An editor shall give unbiased consideration to all manuscripts offered for publication and shall judge each on its merits without regard to any personal relationship or familiarity with the author(s), or to the race, gender, sexual orientation, religious belief, ethnic origin, citizenship, professional association, or political philosophy of the author(s).
- The editor and editorial staff shall disclose no information about a manuscript under consideration to anyone other than those from whom professional advice regarding the
publication of the manuscript is sought. The names of reviewers shall not be released by the editors or editorial staff.

- An editor who authors or coauthors a manuscript submitted for consideration to the journal with which that editor is affiliated, shall not review that work. If after publication, the editor-author’s work merits ongoing scientific debate within the journal, the editor-author shall accept no editorial responsibility in connection therewith.

- An editor shall avoid conflicts of interest and/or the appearance thereof. An editor shall not send a manuscript to reviewers who are known to have personal bias in favor of or against the author or the subject matter of that manuscript.

- Unpublished information, arguments, or interpretations contained in a submitted manuscript are confidential and shall not be used in the research of an editor or associate editor, or otherwise disseminated except with the consent of the author and with appropriate attribution.

- If an editor is presented with convincing evidence that the substance, conclusions, references or other material included in a manuscript published in an ASCE journal are erroneous, the editor, after notifying the author(s) and allowing them to respond in writing, shall facilitate immediate publication of an errata. If possible, an editor shall also facilitate publication of appropriate comments and/or papers identifying those errors.

- If an editor is presented with convincing evidence that a manuscript or published paper contains plagiarized material or falsified research data, the editor shall forward such evidence to the managing editor for investigation.

- ASCE, and by extension all ASCE appointed editors, are members of the Committee on Publication Ethics (COPE). ASCE generally follows the guidelines and recommendations as published by COPE.

### OBLIGATIONS OF REVIEWERS

- Because qualified manuscript review is essential to the publication process, all engineers and scientists have an obligation to do their fair share of reviews.

- If a reviewer feels inadequately qualified or lacks the time to fairly judge the work reported, the reviewer shall decline the invitation to review in a timely manner.

- A reviewer shall objectively judge the quality of a manuscript on its own merit and shall respect the intellectual independence of the author(s). Personal criticism is never appropriate.

- A reviewer shall avoid conflicts of interest and/or the appearance thereof. If a manuscript submitted for review presents a potential conflict of interest or the reviewer has a personal bias, the reviewer shall return the manuscript promptly without review, and so advise the editor.

- If a reviewer receives for review a manuscript authored or coauthored by a person with whom the reviewer has a personal or professional relationship, the existence of this relationship shall be promptly brought to the attention of the editor.

- A reviewer shall treat a manuscript received for review as a confidential document and shall neither disclose nor discuss it with others except, as necessary, to persons from whom specific advice may be sought; in that event, the identities of those consulted shall be disclosed to the editor.
• Reviewers shall explain and support judgments adequately so that the editor and author(s) may understand the basis for their comments. Any statement that an observation, derivation, or argument has been previously reported shall be accompanied by the relevant citation.

• A reviewer shall call to the editor’s attention any substantial similarity between the manuscript under consideration and any published paper or any manuscript submitted concurrently to another journal.

• A reviewer shall not use or disclose unpublished information, arguments, or interpretations contained in a manuscript under consideration, except with the consent of the author and with appropriate attribution.

• If a reviewer has convincing evidence that a manuscript contains plagiarized material or falsified research data, the reviewer shall notify the editor as ASCE journals staff immediately. The reviewer should not contact the author directly.

**AUTHORSHIP**

To protect the integrity of authorship, only persons who have significantly contributed to the research or project and paper preparation shall be listed as coauthors. The corresponding author attests to the fact that any others named as coauthors have seen the final version of the paper and have agreed to its submission for publication. An author who submits a manuscript for publication accepts responsibility for having properly included all, and only, qualified coauthors. ASCE will not consider papers if the authorship is in dispute.

The Committee on Publication Ethics (COPE) has the following advice on authorship:

1. Check the author(s)’ institution for policies on authorship.
2. Research team members should have open discussions from the very beginning about authorship. Team members should continue to discuss the roles of each player as the project progresses and keep a written record of the decisions.
3. Documentation should be kept on who is performing which tasks throughout the research.

ASCE does not allow changes to the author byline, to include the order of the authors, after the paper has been accepted. During review, any changes must be verified by every author on the paper. Authors cannot be removed without their explicit permission.

Acknowledgments at the end of the paper are encouraged as a way to thank those who have contributed to the research or project but did not merit being listed as an author. The Acknowledgments should indicate what each person did to contribute to the project.
CROSSCHECK

ASCE is a member of CrossCheck and employs the CrossCheck tool, powered by iParadigms, to evaluate the originality of work submitted to the journals. CrossCheck evaluates the text of a submitted paper against a large database of published journal content and non-journal content on the Internet. A similarity report is provided to ASCE staff and the editors in evaluating the originality of work.

Papers that are found to have excessive overlap with the author(s)’ previous work may be returned to the author with a request to revise the overlap and/or verbatim sections.

Papers that are found to have excessive and unattributed overlap with published works authored by others will be subject to review by the editors and possibly the corresponding author’s institution.

ACCUSATIONS OF SCIENTIFIC MISCONDUCT OR VIOLATIONS OF ASCE POLICIES

ASCE is a member of the Committee on Publication Ethics (COPE) and as a general rule follows the guidelines set forth by COPE regarding issues of scientific misconduct. This section provides insight into the process that ASCE staff and editors employ when issues arise or accusations are sent.

Manuscripts submitted to ASCE are considered confidential and will not be shared. If a paper is under investigation for possible misconduct, ASCE may share the manuscript with editors of ASCE and non-ASCE journals also investigating the matter.

DUAL SUBMISSION

Definition — ASCE will not review papers that are being reviewed elsewhere. ASCE performs a duplicate submission check that looks for similar papers throughout the ASCE journal database. If ASCE discovers that a paper in review is also in review elsewhere, ASCE will contact the other journal and request a copy of the manuscript for evaluation.

Action — If it is discovered that the same or very similar papers have been submitted to more than one ASCE journal, both papers will be rejected. If a paper in review appears to be in review at another non-ASCE journal, ASCE will ask the author for an explanation and, barring an honest mistake, likely reject the paper in review.

DUAL PUBLICATION

Definition — ASCE does not review or publish material that has been published already. This includes publication in other ASCE journals, books, and proceedings. ASCE expects that all submissions are novel and original to the author. See Redundant Publication below. NOTE: Papers included in the Transportation Research Board (TRB) Annual Meeting Compendium are considered published and cannot be submitted to ASCE for publication without significant additions and revisions. Authors who intend to submit a TRB conference paper to an ASCE journal must opt-out of inclusion in the compendium.
**Action** — The papers in question will be evaluated for similarity. The authors will be asked for an explanation. The publisher of the similar paper will be contacted. If the investigation by ASCE finds that the paper meets the definition of dual publication, the paper may be retracted and the author’s institution notified of the action. Authors who are members of ASCE that are found to be in violation of ASCE policies may also be subject to investigation by the ASCE Committee on Professional Conduct.

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**REDUNDANT PUBLICATION OR FRAGMENTATION OF RESEARCH**

**Definition** — ASCE expects that submitted papers contain at least 50% new content and that the remaining 50% not be verbatim to previously published work. Authors are encouraged to build on previous work and submit new papers, so long as the submitted paper offers significant information. Conference papers included in an ASCE or non-ASCE proceedings are held to the same standard. **NOTE:** Papers included in the Transportation Research Board (TRB) Annual Meeting Compendium are considered published and cannot be submitted to ASCE for publication without significant additions and revisions. Authors who intend to submit a TRB conference paper to an ASCE journal must opt-out of inclusion in the compendium.

**Action** — Fragmentation of research is not acceptable. Papers in review that are found to contain excessive overlap to other papers either published or in review will be evaluated using CrossCheck as well as an editor evaluation. Authors will be asked to provide an explanation on the differences between the papers in question. If an editor feels as though the submitted manuscript is redundant to already published materials, the paper will be rejected. Published papers that are found to contain excessive overlap are subject to a Notification of Redundant Publication. If the published overlap finds ASCE in violation of another publisher’s copyright, ASCE may retract the paper. The author(s)’ institution may be notified.

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**FABRICATION AND FALSIFICATION OF DATA**

**Definition** — According to the U.S. Office of Research Integrity, fabrication of data is “making up data or results and recording or reporting them” and falsification is “manipulating research materials, equipment, or processes, or changing or omitting data or results such that the research is not accurately represented in the research record” (ori.hhs.gov/definition-misconduct).

**Action** — Fabricating or falsifying data is a major violation of proper scientific conduct. Authors accused of either violation will be asked to supply all supporting data and results for evaluation. If ASCE and its editors find cause for further investigation, the issue may be referred to the author(s)’ institution and/or funding agency for investigation. Authors who are members of ASCE may also be reported to the ASCE Committee on Professional Conduct. ASCE journals may issue an Expression of Concern during any investigation. If wrongdoing is determined, the offending paper(s) will be rejected or retracted and the authors may be banned from publishing with ASCE in the future.
PLAGIARISM

Definition — “Plagiarism is the appropriation of another person’s ideas, processes, results, or words without giving appropriate credit” (ori.hhs.gov/definition-misconduct).

Action — ASCE journals use CrossCheck, powered by iThenticate, to compare submitted papers to already published works. Authors may be asked to explain similarities. Follow-up investigation and action depends on the nature of the offense. If a paper is found to have deliberately plagiarized works of another, the paper will be rejected or retracted and the author(s)’ institution will be notified. Authors who are members of ASCE may also be reported to the ASCE Committee on Professional Conduct.

CORRECTING THE LITERATURE

ASCE has a responsibility to the engineering profession and the scientific community to ensure that known errors or misrepresentations are corrected in the literature.

Minor errors of fact or omission may be corrected by publishing an erratum. An erratum must be approved by the managing editor and will be reserved for errors that will impede the readers’ understanding of the text. Minor typographical errors are typically not worthy of an erratum. Once approved, the erratum will be published online and in the next available print issue. The erratum and the original article will be linked in the ASCE Library under the “Editorially Related” section or tab.

Major errors may result in the retraction of a paper. A retraction essentially tells the readers to disregard the original work. That said, retracted papers are still available to readers. The title of the original paper will be appended with the word “Retracted.” The PDF will also be watermarked with the word “retracted.” An explanation will be published and digitally linked to the paper. ASCE strives to be precise in explaining why a paper has been retracted. Retractions that lack specificity will not be permitted. ASCE will always consult with an author prior to retracting a paper, but in cases where wrongdoing has been confirmed or ASCE faces potential legal repercussions, a retraction may be published without the author(s)’ consent.

All corrections published are included in feeds to all abstracting and indexing services allowing for quick updates. All corrections are published online and in print and are available for readers for free (no subscription or registration required).

ALERTING ASCE OF POSSIBLE MISCONDUCT

ASCE will keep confidential the names and affiliations of individuals who report possible misconduct related to the authors, editors, and reviewers associated with ASCE journals. Individuals wishing to make a report should contact the ASCE managing editor at journal-services@asce.org. Accusations must be specific in order to allow for ample investigation.
ASCE PUBLICATION POLICIES

PEER REVIEW POLICIES

INTERNAL REVIEW

If the author(s)’ employer or funding agency requires an approval process prior to a paper being published, those approvals must take place before submitting a paper to the journal. Likewise, any required approvals for revised manuscripts must be done during the author review period. ASCE will not allow extensive changes or delays for papers post-acceptance. Papers with extensive revisions will be withdrawn and sent back through the review process.

JOURNAL ARTICLES

Technical papers, notes, and case studies must be reviewed by at least two competent reviewers. The editor must receive an agreeing review from one of the reviewers in order to render a decision of accept or decline. ASCE’s goal is to have manuscripts complete their initial review within 45 days. Revisions and re-review are frequently required conditions of acceptance.

Discussions, closures, editorials, and forums only require a review by the editor. Corrections are reviewed by the managing editor and production manager.

PRACTICE PERIODICAL

Manuscripts submitted to ASCE’s Practice Periodical of Structural Design and Construction only require one review to accept or decline a manuscript. The review is performed by either an editor or a qualified individual selected by the editor.

POSTING PAPERS ON THE INTERNET

Authors may post the final draft of their work on open, unrestricted Internet sites or deposit it in an institutional repository when the draft contains a link to the bibliographic record of the published version in the ASCE Civil Engineering Database. “Final draft” means the version submitted to ASCE after peer review and prior to copyediting or other ASCE production activities; it does not include the copyedited version, the page proof, or a PDF of the published version.

Authors may post a PDF of the ASCE-published version of their work in their employers’ intranet site as long as it is password protected (not available to the public). The following statement should appear with the paper: “This material may be downloaded for personal use only. Any other use requires prior permission of the American Society of Civil Engineers.”
Authors are not permitted to post the final ASCE-published PDF on an open Internet site, such as an open repository. Authors may not post the final ASCE-published PDF on social sharing sites such as Mendeley, ResearchGate, Academia.edu, etc.

Authors are permitted to provide the final ASCE-published PDF to individuals by request. Authors are not permitted to post the final ASCE-published PDF on a site such as DropBox or Evernote and then email the link to large groups of people.

**MATERIALS SHARING AND DATA AVAILABILITY**

Recognizing that science and engineering are best served when data are made available during the review and discussion of manuscripts and journal articles, and to allow others to replicate and build on work published in ASCE journals, all reasonable requests by reviewers for materials, data, and associated protocols must be fulfilled. ASCE must be informed of any restrictions on sharing of materials (Materials Transfer Agreements or patents, for example) applying to materials used in the reported research. Any such restrictions should be indicated in the cover letter at the time of submission, and each individual author will be asked to reaffirm this at the time the final version of the manuscript is submitted. The nature of the restrictions should be noted in the paper. Data not shown and personal communications cannot be used to support claims in the work. Authors are encouraged to use Supplemental Data to show all necessary data. Unreasonable restrictions may preclude publication.

**DISCLAIMER**

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By signing the form, all authors on the manuscript consent to and transfer, to the extent that there is copyright to be transferred, the exclusive copyright interest of the manuscript in the present and all subsequent editions of the work (to include closures and errata), and in derivatives, translations, or ancillaries, in English and in foreign translations, in all formats and media of expression now known or later developed, including electronic, to the American Society of Civil Engineers subject to the following:

- The authors retain the right to revise, adapt, prepare derivative works, present orally, or distribute the work, provided that all such use is for the personal non-commercial benefit of the author(s) and is consistent with any prior contractual agreement between the authors and their employer(s).
- No proprietary right other than copyright is claimed by ASCE.
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If a manuscript fits within the journal’s scope and the English is reasonable, the chief editor may send the article to an associate editor who will invite reviewers and make a decision on the manuscript. Once the associate editor submits their recommendation and the reviews, the chief editor will review the recommendation and make a final decision.

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- Accept the paper as submitted
- Revise the paper for review by the editor only
- Full re-review required after revisions
- Decline

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PREPARING THE MANUSCRIPT

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- Title page (includes title, author byline & affiliation, abstract)
- Introduction
- Main text sections
- Conclusion
- Appendix(es)
- Acknowledgments
- Disclaimers
- Notation list
- Supplemental Data
- References

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Stochastic Theory for Irregular Stream Modeling. II: Application

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The abstract should be a single paragraph (150–175 words long) written in plain language and include a summary of the key conclusions of the manuscript. It should clearly state the purpose of the work, the scope of the effort, the procedures used to execute the work, and major findings. The abstract is the second most important online search discovery element, after the title. Authors should review the abstract to ensure that it accurately reflects the revised paper and should strive to include any applicable keywords that would likely be used during an online search.

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Authors should avoid “he,” “she,” “his,” “her,” and “hers.” Alternatively, words such as “author,” “discusser,” “engineer,” and “researcher” should be used.

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> Idle capacity; because of delay, staff are not fully engaged in productive work for the delayed project during the delay period.

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Special characters and sub/superscripts should be clearly typed. Symbols should be listed alphabetically in a section called “Notation” at the end of the manuscript (preceding the references).

Authors should take care to ensure that ambiguous characters (such as prime) and lookalike characters (lowercase “ell” and numeral one; capitalized “oh” and zero; “zee” and two; “vee” and Greek nu; and "double you" and lowercase Greek omega) are clear for the copyeditor and typesetter to identify. Unambiguous characters, such as uppercase Greek delta, need not be identified.

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The use of *Système International (SI) units* as the primary units of measure is *mandatory*. Other units of measurement may be given in parentheses after the SI unit if the author desires. More information about SI units can be found from NIST at: [http://physics.nist.gov/cuu/Units/index.html](http://physics.nist.gov/cuu/Units/index.html).

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**CONVERSION FACTORS FROM U.S. CUSTOMARY TO SI UNITS**

<table>
<thead>
<tr>
<th>U.S. customary unit (symbol)</th>
<th>SI unit (symbol)</th>
<th>Multiply by</th>
</tr>
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<tbody>
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<td>Acre-foot (acre/ft)</td>
<td>Cubic meters (m$^3$)</td>
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<td>Acre (acre)</td>
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<tr>
<td>Inch (in.)</td>
<td>millimeter (mm)</td>
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<tr>
<td>Gallon (gal.)</td>
<td>Liter (L)</td>
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**SI PREFIXES APPLICABLE TO ENGINEERING**

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</tr>
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<td>$10^{-9}$</td>
<td>Nano</td>
<td>n</td>
</tr>
</tbody>
</table>

$^a$ Unit symbols only used when preceded by a numeral.
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At the end of the manuscript text, authors must include a set of conclusions, or summary and conclusion, in which the significant implications of the information presented in the body of the text are reviewed. Authors are encouraged to explicitly state in the conclusions how the work presented contributes to the overall body of knowledge for the profession.

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Example:

**Notation**

*The following symbols are used in this paper:*

\[ A = \text{surface area of element}; \]
\[ [A] = \text{coefficient matrix}; \]
\[ a = \text{side length or radius of plate}; \]
\[ B = \text{strain-displacement matrix}; \]
\[ \{b\} = \text{augment vector}; \]
\[ E() = \text{expectation operator}; \]
\[ e = 2.718281828; \]
\[ F = \text{Froude number}; \]
\[ F_d = \text{downstream Froude number}; \]
\[ F_0 = \text{approaching Froude number}; \]
\[ g = \text{gravitational acceleration}; \]
M = Mach number;
R = Reynolds number;
Ri = Richardson number;
S = Strouhal number;
U = degree of consolidation;
Ut = average degree of consolidation;
u = excess pore water pressure;
{u} = excess pore water pressure vector;
u(t) = excess pore water pressure at any time t;
W = Weber number;
w = out-of-plane displacement;
α = coefficient;
ΔS = elemental surface area;
Δϕ = ϕ(t + T) − ϕ(t);
ξ = Him01/2; and
ω = wave number.

APPENDIXES

Appendices can be used to record details and data that are of secondary importance or are needed to support assertions in the text. The main body of the text must contain references to all Appendices. Any tables or figures in Appendices should be numbered sequentially, following the numbering of these elements in the text. Appendices must contain some text, and need to be more than just figures and/or tables. Appendices containing forms or questionnaires should be submitted as Supplemental Data instead.

SUPPLEMENTAL MATERIALS

Supplemental Data is considered to be data too large to be submitted comfortably for print publication (e.g., movie files, audio files, animated .gifs, 3D rendering files) as well as color figures, data tables, and text (e.g., Appendices) that serve to enhance the article, but are not considered vital to support the science presented in the article. A complete understanding of the article does not depend upon viewing or hearing the Supplemental Data.

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- Attention should be paid to the file size to make download time reasonable because streaming formats are *not* acceptable for submission at this time. A recommended target size for each multimedia file is 3–5 MB.
- Authors are encouraged to use one of the accepted compression codecs to minimize file sizes.
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Video files should be named [filename.xxx]. For example, the file for the article’s first supplemental video would be called “Video S1.mpg.”

The following file formats are acceptable for video:

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  - 24 Bit (Millions) Color
  - Video Compressor/Codec
    - Uncompressed/None
    - Animation
    - Motion JPEG (MJPEG)
    - DV – NTSC
    - DV – PAL
  - Audio
    - 48,000 samples per second
    - 16 bit
    - Uncompressed/PCM
    - Stereo or Mono

- MPEG
  - Video Compressor/Codec
    - MPEG2 (.mpg)
    - MPEG4 (.mpg or .mp4)
  - Video data rate 6Mbs or greater
  - Audio
    - 48,000 samples per second
    - 16 Bit
    - Uncompressed (PCM) or MPEG Audio at 224Kbs or greater

- DV (.dv)
  - DV NTSC
  - DV PAL

**NTSC VIDEO PARAMETERS**

- Image size (H:V) 720:480 pixels
- Frame Rate 29.97 frames per second

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- Image size (H:V) 720:576 pixels
- Frame Rate 25 frames per second

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- Audio Parameters
  - 44,100 or 48,000 samples per second
  - 16 Bit
  - Stereo or Mono

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When submitted, information about the media file will be requested. A caption or description of the media file content (similar to a typical figure caption) will be required, and metadata (outlined in the table below) will be optional.

Following are the metadata elements:

<table>
<thead>
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<th>Name</th>
<th>Description</th>
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<tr>
<td>Caption/Description</td>
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<tr>
<td>Type</td>
<td>The nature or genre of media content, such as video or audio. <strong>Optional.</strong></td>
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<td>Format</td>
<td>Media filetype description, such as Quicktime, AVI, DV, MPEG, PCM, or WAV. <strong>Optional.</strong></td>
</tr>
<tr>
<td>Duration</td>
<td>The duration of media object playing time (in seconds). Applicable to video or audio media. <strong>Optional.</strong></td>
</tr>
<tr>
<td>Frame size</td>
<td>For video only (not still images): Video image size (height x width, in pixels). <strong>Optional.</strong></td>
</tr>
<tr>
<td>Producer</td>
<td>Information about the software used to create the media object. It should include software name and version (e.g. Adobe Premiere Elements v. 2.0). <strong>Optional.</strong></td>
</tr>
</tbody>
</table>
REFERENCES

ASCE uses the author-date method for in-text references, whereby the source reads as the last names of the authors, then the year (e.g., Smith 2004 or Smith and Jones 2004). A References section must be included that lists all references alphabetically by last name of the first author. References must be published works only. Exceptions to this rule are theses, dissertations, and “in press” articles, all of which are allowed in the References list. References cited in text that are not found in the reference list will be deleted but queried by the copyeditor. Likewise, all references included in the References section must be cited in the text.

Examples of reference formatting are below.

Books — If a whole book is used (or pages here and there throughout the book), page numbers need not be given. If no author is listed, titles should be alphabetized. If a specific chapter is being used, the chapter title and inclusive page numbers should be included. Reports must include the full institution name and location.


Building Codes and Provisions — Building codes, provisions, and standards should be listed alphabetically by the name of the promulgating institution. If a title and code number are given, the title should be in quotes, and the code number in italics; if only a title is given, the title should be in italics.


Electronic Materials —

CD-ROM—The section, chapter, and page numbers should be provided if available:


Website—The following elements should be included: author’s name (if known); year of publication or last revision (if available); full title of the document, in quotation marks; title of the complete work (if applicable), in italics; full web address, enclosed within angle brackets; and date of the visit (if
applicable), in parentheses. If the Web page shows no year of publication, the year of the visit may be used in its place.


**Journal Articles** — The standard format for a paper published in a U.S. journal is as follows:


**ASCE Journals** — ASCE no longer uses page numbers and has adopted a new format for its references (including those older papers that still contain page numbers). Use the following style for citation to an ASCE journal:

Authors. (Year of initial publication). “Title of paper.” Journal abbr., DOI, CID/page range.


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The original title should not be included if the language uses an alphabet other than Latin (Cyrillic, CJK, etc.).

**In-Press Articles** — Articles that are “in press” (i.e., those that have been accepted but have not yet been published) may be included in the References list. Include the year of acceptance, if possible, or the current year as follows:

Maps — The following style is used for maps:


Newspaper Articles — The article author (if known), year in parentheses, title of the article in quotes, name of the newspaper in italics, and section/page numbers (if applicable) should be included for article citations:


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In some cases (A. W. Pinter, personal communication, 1979)...

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(B. Smith, “[title of paper],” working paper, Salk Institute, Pittsburgh, Pennsylvania)

(B. Smith, “[title of paper],” submitted, Salk Institute, Pittsburgh, Pennsylvania)

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(author name(s), name of report, presented at ___, 2012)

(author name(s), name of report, unpublished report)
A paper that has been presented at a conference or meeting but is otherwise unpublished should be cited as an “unpublished report”:

... in Chang and McTavish (unpublished report, 1991)...

**TABLES**

Tables should be either grouped at the end of the manuscript after the References section or uploaded as separate files. Tables should be numbered in sequential order (i.e., Table 1, Table 2, etc). Every table must be called out in the text in sequential order. For example, Table 3 should not be called out before Table 1—this will require the copyeditor to renumber the tables and move them. All callouts must match the tables provided.

**Table Format**

- **Title:** Table titles begin with the boldface “Table,” followed by a boldface Arabic number and a period. Example: **Table 1.** Ultimate Rotations at the Joint Interfaces and Beam Ends
- All tables should be typed with clear columns.
- Vertical rules should not be used in tables. Horizontal rules are used to offset column headings at the top of the table and footnotes (if any) at the bottom of the table and to separate major sections.
- All columns must have a heading. Each table should have only one set of column headings at the top of the table. Using additional column headings within the body of the table should be avoided.
- **Footnotes:** A general footnote should be used to convey any information that pertains to the table as a whole and should precede any lettered footnotes. The general footnote should start with “Note:”. Example: Note: Δy = notional yield displacement; Δu = axial shortening at peak load; Δf = axial shortening at the failure load; λ = deformability factor; η = displacement ductility factor.
- Lettered footnotes should follow the general footnote (if there is one). Lowercase superscript letters should be used, and all lettered footnotes must be cited within the table (footnotes are not permitted on the table title):
  - aLength of compression zone.
  - bFlexural shear strength of the masonry panel.
  - cBased on Smith et al. (2009).
- **Photographs, sketches, line art, or other graphic elements are not permitted in tables. Any table that includes graphics must be treated and numbered as a figure.**
- **Highlighting and shading are also not permitted and will not be reproduced in print. Boldface font should be used for emphasis sparingly.**
- **Equations are allowed in the table body, but should be avoided if possible. Numbered equations are never allowed in tables.**
- **Tables should not be submitted in multiple parts (Table 1a, 1b, etc.). Tables with multiple parts should either be combined into one table or split into separate tables.**
Table 1. Holocene Sites Used to Develop VS-Based CRR Chart

<table>
<thead>
<tr>
<th>Site</th>
<th>Test type</th>
<th>Critical layer depth (m)</th>
<th>$V_p$ (m/s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hanshin Expressway 5&lt;sup&gt;a&lt;/sup&gt;</td>
<td>SL</td>
<td>2.1–5.3</td>
<td>900</td>
</tr>
<tr>
<td>Kobe-Nishinomly Expressway</td>
<td>SL</td>
<td>4.4–10.5</td>
<td>1,540</td>
</tr>
<tr>
<td>Owi Island</td>
<td>DH</td>
<td>4.5–7.8</td>
<td>1,300</td>
</tr>
<tr>
<td>Coyote Creek&lt;sup&gt;a&lt;/sup&gt;</td>
<td>CH</td>
<td>3.5–6.0</td>
<td>332</td>
</tr>
<tr>
<td>Marina District School&lt;sup&gt;a&lt;/sup&gt;</td>
<td>CH</td>
<td>2.7–4.3</td>
<td>1,360</td>
</tr>
<tr>
<td>Bay Bridge Toll Plaza&lt;sup&gt;a&lt;/sup&gt;</td>
<td>CH</td>
<td>5.0–7.5</td>
<td>1,540</td>
</tr>
</tbody>
</table>

Note: CH = crosshole; DH = downhole; SH = suspension logger.
<sup>a</sup>Sites of historic liquefaction occurrence.

Table 2. True Stress-Strain Data for FEA

<table>
<thead>
<tr>
<th>Point</th>
<th>True strain ($10^{-3}$)</th>
<th>Plastic strain ($10^{-3}$)</th>
<th>True stress (MPa)</th>
<th>True strain ($10^{-3}$)</th>
<th>Plastic strain ($10^{-3}$)</th>
<th>True stress (MPa)</th>
</tr>
</thead>
<tbody>
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<td>590</td>
<td>2.64</td>
<td>0.00</td>
<td>535</td>
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<tr>
<td>3</td>
<td>19.8</td>
<td>16.8</td>
<td>600</td>
<td>41.9</td>
<td>39.3</td>
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<td>38.9</td>
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<td>144</td>
<td>141</td>
<td>660</td>
</tr>
<tr>
<td>5</td>
<td>144</td>
<td>141</td>
<td>710</td>
<td>1,000</td>
<td>997</td>
<td>660</td>
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<td>6</td>
<td>1,000</td>
<td>997</td>
<td>710</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
</tbody>
</table>

Table 3. Geometric Properties of Subassemblage Specimens

<table>
<thead>
<tr>
<th>Test specimen&lt;sup&gt;a&lt;/sup&gt;</th>
<th>Position of curtailment (mm)</th>
<th>Longitudinal reinforcement&lt;sup&gt;b&lt;/sup&gt;</th>
<th>A-A section</th>
<th>B-B section</th>
<th>Bottom bars at the middle joints&lt;sup&gt;c&lt;/sup&gt;</th>
</tr>
</thead>
<tbody>
<tr>
<td>S1-0.90</td>
<td>1,000</td>
<td>Continuous</td>
<td>2T10 (0.90%)</td>
<td>2T10 (0.49%)</td>
<td>2T10 (0.49%) Continuous</td>
</tr>
<tr>
<td>S2-0.73</td>
<td>925</td>
<td>Lap splice</td>
<td>2T10 (0.73%)</td>
<td>2T10 (0.49%)</td>
<td>2T10 (0.49%) Lap splice</td>
</tr>
<tr>
<td>S3-1.24</td>
<td>1,000</td>
<td>Lap splice</td>
<td>3T13 (1.24%)</td>
<td>2T13 (0.49%)</td>
<td>1T13 (0.90%) Lap splice</td>
</tr>
<tr>
<td>S4-1.24</td>
<td>1,000</td>
<td>Continuous</td>
<td>3T13 (1.24%)</td>
<td>2T13 (0.82%)</td>
<td>2T13 (0.82%) Continuous</td>
</tr>
</tbody>
</table>

Note: The beam sections are 150 mm wide and 250 mm deep for all specimens (i.e., $b = 150$ mm and $h = 250$ mm); the concrete cover thickness is 20 mm for all specimens; total net span $L = 2L_n+250$ (mm); and test results of Specimens S1 and S2 are shown in Yu and Tan (2011). NA = not available.
<sup>a</sup>The seismic detailing in terms of the arrangement of the stirrups is indicated by S.
<sup>b</sup>Reinforcement ratio in brackets is calculated by $A_s/bd$, where $b = 150$ mm and $d = 215$ mm; the A-A and B-B sections are given in Fig. 1.
<sup>c</sup>The lap-splice lengths for the bottom bars of Specimens S3 and S6 are 410 and 530 mm, respectively. The lap-spliced position is through the middle joint.
FIGURES

Figure Captions
Brief figure captions (which serve as identifying labels) must be double-spaced and placed at the end of the manuscript (before the tables) or uploaded as a separate file. Figure captions should be short and to the point; they need not include a complete explanation of the figure. Each caption should begin with the abbreviation “Fig.” followed by an Arabic number, followed by a period:

- Fig. 1. Plan view
- Fig. 2. Percentage breakdown of practitioner responses: Year 1 and Year 2

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Figures should be uploaded as separate files in TIFF, EPS, or PDF format. If using PDF format, authors must ensure that all fonts are embedded before uploading to the Editorial Manager website. Every figure must have a figure number and be cited sequentially in the text.

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The Journal of Legal Affairs and Dispute Resolution in Engineering and Construction also allows for the following manuscript elements:

List of Cases — When plaintiff vs. defendant information is mentioned in text, use italics, as shown in the following examples:

Excavation-Construction, Inc., v. United States

Community Heating & Plumbing Co., Inc., v. Kelso

The list of cases should include the full citation at the end of the paper:


Community Heating & Plumbing Co., Inc., v. Kelso, 987 F.2d 1575 (Fed. Cir. 1993)

List of Statutes — The list of statutes gives specific state or federal statutes pertaining to legislation, as shown in the following:


Elements in the manuscript should be in the following order: (1) List of Cases, (2) List of Statutes, (3) Endnotes, and (4) References. Authors do not need to use all of these categories.

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Microsoft Word is ASCE’s preferred file format for manuscript text and tables. LaTeX is also acceptable; however, the corresponding author must review page proofs very carefully to ensure that special characters, equations, and other technical material appears correctly.
All text, including the abstract and References list, should be prepared in single-column and double-spaced format. Indent or add extra space between all paragraphs. Use a clear, readable font, such as Times New Roman, in 10, 11, or 12-point type. Do not submit any manuscript text smaller than 10 points.

Place tables and double-spaced figure legends on separate pages at the end of the manuscript. Verify that the final version is complete and that all pages are numbered correctly, including figures and tables. Do not include blank pages to separate sections.
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Once a manuscript is accepted for publication, it will be sent to ASCE’s Production Department, who will perform a style and technical check. Our Production Department specifically checks figures, tables, references, mathematics, and permissions. Authors are encouraged to have any issues with these cleared before acceptance so manuscripts can be moved to the compositor as quickly as possible. After a manuscript passes the technical check by the Production Department, it will be moved forward to the compositor.

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- Adding large portions of text

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Keeping track of what happens after publication is becoming more important. Registered users of the ASCE Library can sign up for a citation alert for any paper. The alert sends the user an e-mail anytime the paper is cited by another journal from the CrossRef indexed publications. Additionally, these citations will be listed on the abstract page for any given article.

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This type of figure contains only lines and text, with no pictures. Further, all lines should be set in black—colors, including gray, are not allowed in a lineart figure.

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A halftone figure contains color or black-and-white gradients, which produce a continuous color tone within the image. Halftone images are usually computer generated.

PHOTOS
Photos can be in color or black and white.

Each image type has a different set of technical specifications. Examples of each type of image, along with minimum and preferred specifications, appear in the table below:

<table>
<thead>
<tr>
<th>Image Type</th>
<th>Lineart</th>
<th>Halftone</th>
<th>Photo</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Example</strong></td>
<td><img src="image1.png" alt="Lineart Example" /></td>
<td><img src="image2.png" alt="Halftone Example" /></td>
<td><img src="image3.png" alt="Photo Example" /></td>
</tr>
<tr>
<td>Minimum DPI</td>
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<td>300</td>
<td>200</td>
</tr>
<tr>
<td>Preferred DPI</td>
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<td>600</td>
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<td>3.5 in. (8.89 cm)</td>
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<td>EPS (with fonts embedded), PDF (with fonts embedded), PS, TIF/TIFF</td>
</tr>
</tbody>
</table>

**Note:** All fonts should be scaled to reproduce at 8 points when figure is displayed at reproduction size listed above.
SUBMITTING FIGURES AS PDF

Figures submitted in PDF format need to follow certain guidelines in order to be acceptable for publication in an ASCE journal. Specifically, all PDF figures must be high resolution (600 dpi or greater), and all fonts must be embedded in the image.

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The zipped file available for download below consists of two parts: (1) a setup program to install the template on your PC and (2) instructions for using the template in PDF format. Please save the zipped file in a convenient location, such as your Desktop. When the download is complete, open the zipped file and then double-click on the PDF instructions. These instructions will indicate how to install the template and use it with your Windows programs. Download the ASCE PDF Figures Setup Program and Instructions [ZIP file, 490 KB].

TIPS ON SCANNING

Scanned line drawings or photographs may be submitted as electronic artwork. Authors should refer to the tips below in order to produce good scanned images that pass smoothly through the production process.

- If possible, use a flatbed scanner rather than a sheet-fed scanner. Flatbed scanners produce less distortion.
- Determine the optimum size of the figure (from Quick Guide to Figures) and calculate the percentage of expansion or reduction before scanning. Scan the figure at that percentage.
- Determine the optimum resolution of the figure (from Quick Guide to Figures) and scan the figure at that resolution or higher.
- Avoid scanning line drawings or photographs that already have screening or have been previously published. The existing screening will interfere with the screening that will be applied when the article is printed. If figures such as this must be scanned, look for the feature in the scanning software that compensates for existing screening (sometimes called “de-screening”).
- Use a suitable software program (such as Adobe’s Photoshop or Photoshop Elements) to correct and adjust the scans. Specifically,
  - Adjust each image so that it is straight (not tilted).
  - Crop each image to eliminate excess white space and stray lines. Try to crop each image to eliminate extraneous objects or areas.
  - Clean up (using the eraser function) dirt, scratches, and smudges.
- Convert color images to black-and-white or grayscale images, if choosing to print in black and white.
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- Save scans as .tif files.

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Photographs require a little extra care to prepare, whether the submission includes original artwork, scans, or images from a digital camera. The following tips apply to all photographs:

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- Select photographs in sharp focus and with good contrast; photos tend to lose some detail during reproduction.
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- Avoid including company logos, unless the point of the photograph is to show a specific piece of equipment.
- If a photograph has a recognizable face, a Photography Consent Form from the person/people in the photo may be required.

Images taken with a digital camera should be done using a camera with at least 5 megapixels—preferably with 8 megapixels or more. Set the camera to collect enough digital information. Many cameras default to 72 ppi, which is not adequate for print reproduction. Select a setting to collect at least 600 ppi. Images from digital cameras must be submitted as electronic files.
The purpose of this section is to provide helpful information in uploading LaTeX manuscripts to Editorial Manager for ASCE Journals. Users of this document should consider submitting additional tips or directions that will assist LaTeX users.

**BUILDING THE PDF IN EDITORIAL MANAGER**

First and foremost, all LaTeX files must be submitted as “Manuscript” files. Style files and auxiliary .bbl file (if using BibTeX) are all part of the manuscript. These additional files are not Supplemental Data files. Supplemental Data are multimedia video, audio, spreadsheet, or database files that are supplemental to the manuscript itself, but will be included in peer review. If style and other LaTeX files are uploaded as Supplemental Data, the manuscript will not build properly in Editorial Manager.

The generated PDF should be carefully reviewed for error messages that may indicate the exact problem (e.g., missing style files or figures in the wrong format).

Question marks in the references of the PDF most likely mean that the Tex file(s) are in subdirectories. All associated files must be in one directory for the submission to build.

The CTAN website provides an “ascelike” style file template for authors to use on their local computer. The Editorial Manager system also contains the “ascelike” style file, so users do not have to upload it with their submissions. If not using “ascelike”, authors will need to upload the style files, as described above.

Bibliography management should be done through BibTeX; ASCE has not verified if the BST provided as part of the ASCElike template is compatible with BIBLATEX. When using BibTeX, authors must upload the auxiliary .bbl file (not the .bib file of references) as a “Manuscript” file.

Figures or images should not be added to the document itself. Images must be uploaded into Editorial Manager as separate files (figures) in .eps, .tif, or PDF format. They will automatically be placed into the end of the manuscript, which is where they will need to be after acceptance.

Large or cutoff images will need to be resized to fit on one 8.5 × 11” page. When there is a problem caused by not resizing PostScript files (the images get cut off), the author will either need to resize the images or save the files in a format that Editorial Manager can recognize as an image. Please note that EPS files are the best choice for image files in TeX submissions.

AMSMATH, included in the MiKTeX installation, is an acceptable extension to MathMode.

Captions should not be introduced with SUBCAPTION.
Continuous line numbering is required for all manuscript submissions. To do this in LaTeX, authors should use the “lineno” package. Documentation for this can be found on the CTAN website. **NOTE:** The lineno package does not work well with the “ascelike” package unless equation environments are wrapped with \{linenomath\*\}.

For example:

\begin{linenomath*}
\begin{equation}
y = ax + b
\end{equation}
\end{linenomath*}

For additional help with LaTeX, visit the following resources:

**Beginner’s Guide to TeX** — This excellent introduction to TeX contains links to a basic explanation of TeX, a more-thorough overview, and FAQs as well as user help, documentation, sample documents, and a list of recommended reference books: tug.org/begin.html

**The Comprehensive TeX Archive Network** — To learn about what TeX is and where it came from, visit the CTAN article entitled “What is TeX?” There is a search function for files and documentation on the site as well as links to sign up for TeX users groups and announcements lists: ctan.org/

**TeX Guides** — An excellent resource offering a variety of TeX guides including guides for mathematical symbols in TeX and TeX for word processor users: mcs.vuw.ac.nz/~david/latex/

**LaTeX Encyclopedia** — The online LaTeX “encyclopedia” site contains a table of contents with links to information on documentation, installation, typography, and a Navigator for the site: tex.loria.fr/


**The LaTeX Project** — latex-project.org/help.html