



SOILS AND FOUNDATIONS

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AUTHOR INFORMATION PACK

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DESCRIPTION

Soils and Foundations is your core geotechnical journal from Asia; the official journal of the Japanese Geotechnical Society (JGS). The journal publishes a variety of original research paper, technical reports, technical notes, as well as the state-of-the-art reports upon invitation by the Editor, in the fields of soil and rock mechanics, geotechnical engineering, and environmental geotechnics. Since the publication of Volume 1, No.1 issue in June 1960, *Soils and Foundations* celebrated the 50th anniversary in the year of 2010.

Soils and Foundations welcomes theoretical as well as practical work associated with the aforementioned field(s). Case studies that describe the original and interdisciplinary work applicable to geotechnical engineering are particularly encouraged. Discussions to each of the published articles are also welcomed in order to provide an avenue in which opinions of peers may be fed back or exchanged. In providing latest expertise on a specific topic, one issue out of six per year on average was allocated to include selected papers from the International Symposia which were held in Japan as well as overseas.

IMPACT FACTOR

2015: 1.238 © Thomson Reuters Journal Citation Reports 2016

ABSTRACTING AND INDEXING

Current Contents/Engineering, Computing & Technology
International Civil Engineering Abstracts
Earthquake Engineering Abstracts
Science Citation Index Expanded

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GUIDE FOR AUTHORS

About the Journal

I. Overview

2010 marked the 50th anniversary of *Soils and Foundations*, of which the first issue (Volume 1, 1) came out in June 1960. Today, as a full-fledged international journal, *Soils and Foundations* publishes original "technical papers", "technical reports" and "technical notes" in English in the fields of soil and rock mechanics, geotechnical engineering, and environmental geotechnics, as well as "state-of-the-art reports" on invitation from the Editor. Theoretical and practical contributions to the above fields are equally welcome, and particular encouragement is given to case studies including original descriptions and to interdisciplinary work with applications in geotechnical engineering. "Discussions" of articles published are also gladly received in order to provide an avenue for feedback and exchanges of opinions among peers. As a source of latest expertise on specified topics, one issue a year out of six, on average, is allocated to presenting selected papers from international symposia held in Japan and overseas.

II. Essential points for manuscript submissions

1. Contributors

- At least one of the authors of the manuscript must be a member of The Japanese Geotechnical Society, or of The International Geotechnical Society or one of its member societies.

2. Authors must indicate which of the following 5 categories they wish their manuscripts to be classified under:

(1) Technical Paper

- Must be a complete paper; papers in a series, such as Part I and Part II, are not acceptable.
- Must be a report of independent original and innovatory research related to geotechnology.

(2) Technical Report

- A report of a design, construction, in-situ measurement etc.
- An operational report of results from in-situ surveying, design, construction work, site measurement, etc., conducive in content to the development of geotechnology.

(3) Technical Note

- A short paper etc.
- A brief report of main points for a new method of in-situ surveying, laboratory experimentation, analysis, or computation.
- A brief report of new on-site information conducive to the development of geotechnology.
- A brief report of a new research, survey, design, construction work, etc. conducive in content to the development of a future technical paper or report.
- Supplementary numerical tables or figures useful for the understanding of a past technical paper or report.

(4) Discussion

- Questions or opinions relating to technical papers, reports and notes, committee reports or current situation reports published in the journal within the previous 7 months; on request, however, this period may be extended to 8 months.

(5) Geo-disaster Report

- A quick reconnaissance report of major geo-disasters induced by earthquake, heavy rainfall, etc.

(6) Other categories: Society committee report, current situation report, state-of-the-art report

- The author of a state-of-the-art report must have consulted the Editorial Committee before submitting the manuscript.

Note: For any of the above publication categories, the Editorial Committee may also request manuscripts.

3. For the manuscript of a technical paper, technical report or technical note, the following points (a) to (c) must be carefully adhered to.

(a) The content must not have been previously published in a widely read technical journal. However, subject to the Editorial Committee's approval, contents previously published in *The Journal of The Japanese Geotechnical Society* but then reorganized into the form of a technical paper may be treated as equivalent to unpublished. Manuscripts of this description should bear a Comment to the Editor, written by the Editorial Manager, explaining the gist of the matter.

(b) The manuscript must not be multiply submitted.

A manuscript will be considered as "multiply submitted" if it has elsewhere been submitted for publication, or actually published, in a collection of papers authorized by an academic society or association at the end of a genuine process of review, or if a decision has been made for its publication in this way. No distinction will be made for the publication language. Papers which have been published in such settings as conference or society proceedings, symposium reports, university or research center journals, or company-internal reports will be regarded as predominantly having the character of brief notes or materials (i.e., papers which have not undergone a genuine process of review). However, to avoid being rejected as a double submission, the contents of such a paper will need to have been further developed and amplified.

(c) The content has to stand independently, not as part of a series.

4. The review process

1) The number of reviewers

Reviews will be requested from specialists in each field, as follows:

Technical Paper 2 reviewers

Technical Report 2 reviewers

Technical Note 2 reviewers

Discussion 1 reviewer

2) Evaluation levels

After considering the review results, the Editorial Committee will assign one of the following evaluations:

(A-1) Acceptance in the form submitted

(A-2) Acceptance with optional suggestions for revision

(B) Reassessment after extensive revisions

(C-1) Rejection with encouragement to re-submit

(C-2) Rejection

- (C-1) means that the manuscript cannot be accepted in the form submitted, but if (and only on condition that) it is resubmitted with corrections or additions that satisfy the objections pointed out by the Editorial Committee, it will be reviewed again as a fresh submission.
- In the cases of (A-2), (B-1) or (B-2), if a manuscript returned to the sender for revision by the Editorial Committee does not arrive back with revisions completed within the space of a year, it will be assumed that the submission for publication has been withdrawn.

5. Policy regarding transfer of copyright

Of the property rights for the works published in *Soils and Foundations*, the rights pertaining to the editing of the journal issue concerned will belong to The Japanese Geotechnical Society, whereas the rights relating to individual authorship and authorial status will belong to the author or authors. In cases in which the Society receives a request from a third party for permission to use the property rights in connection with a reproduction of contents (including in the electronic media), or in cases in which the Society itself makes use of the rights outside of the publication of *Soils and Foundations*, the author or authors will grant the Society the power to exercise the rights concerned. Further, if, in the course of such a transaction, the Society receives fees or other recompenses for the granting of the use of the property rights, the author or authors will consent to these being appropriated into the Society's operating account. However, this will not impede the author or authors in their own power to use the authorship rights.

III. Composition rules for manuscripts

1. The manuscript must employ symbols and terminology which are widely accepted in the current soil mechanics/geotechnical engineering literature as recommended by the International Society for Soil Mechanics and Geotechnical Engineering.

2. SI units should be used as a general rule. If other conventions are followed, they must be accompanied by SI unit equivalents in parentheses.

3. Manuscripts must be in English, and must be type-written, double spaced, a single column, on A4-size paper (21.5 cm by 28 cm). A typed page can be considered to contain around 250 words, which is roughly equivalent to one third of a printed page.

4. Manuscripts except for Discussion must be accompanied by an abstract of approximately 200 words, 5 to 10 key words, and 1 to 3 International Geotechnical Classification Numbers.

5. A list of references must be supplied, arranged in alphabetical order based on the first author's last name. In the text, the authors' last names and the year of publication must be given in parentheses.

6. All figures and photographs must be of sufficiently high quality for printing on a separate sheet, with a resolution of 300 DPI (dots per inch) or more. Note that color figures or photographs submitted with a manuscript will also appear in color on the web with no charge. However, there will be a charge for color reproductions of figures or photographs in print; if preferred, such figures or photographs can be reproduced without color in print with no charge.

7. The maximum number of printed pages in each category, including tables and illustrations is as shown below:

1 Category Standard length	Max. extra pages	Cost per extra page	Technical Paper	12 or less	8 30,000 yen	
Technical Report	12 or less	8 30,000 yen	Technical Note	6 or less	4 30,000 yen	
Discussion	3 or less	no limit	None	Geo-disaster Report	12 or less	8 30,000 yen

Where the number of pages exceeds the maximum, the author(s) will be required to reduce the length to the permitted maximum. If the Editorial Committee judges that this constitutes a major change in content, it may then be necessary for the manuscript to be resubmitted for another review and/or revision process. In the case of a state-of-the-art report, the Editorial Committee will decide the maximum page length and other conditions separately.

8. The text, tables, figures and photographs for a manuscript must be submitted electronically to the following site. <http://ees.elsevier.com/sandf/>. Note that a list of tables, figures and photographs must be supplied, and write the caption in "Description" when they are separately submitted. <http://www.editorialmanager.com/sandf>

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1. I declare that this manuscript has been submitted only to *Soils and Foundations* and is not previously published, in press, or in process of submission elsewhere.

2. Please indicate if the manuscript contents have a previous history of presentation without a review process, giving details (e.g., "contents presented at the ... International Conference").

3. I have read and understood the journal's policy concerning transfer of copyright.

4. I have read and understood the journal's policy concerning charges for extra pages and color printing.

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Appendix: International Geotechnical Classification System

[GENERAL]

A [General]

A01 [Geotech. Engineering, Scope & in General]

A02 [Historical Aspects]

- A03 [Info. Services & Literature Classification]
- A04 [Textbooks, Handbooks, and Periodicals]
- A05 [Terminology]
- A06 [Companies, Institutes, & Laboratories]
- A07 [Societies, Meetings, & Intl. Cooperation]
- A08 [Professional Ethics, Legal Req., Codes of Practice, Standards, Regulations]
- A09 [Education]
- A10 [Research Activities]
- A11 [Computer Software(see E13 and G13 for Computer Analyses)]

[EXPLORATIONS & SITE INVESTIGATIONS]

- B [Geological & Environmental Aspects]
- B00 [General]
- B01 [Formation of Soil and Rocks]
- B02 [Hydrogeological Aspects]
- B03 [Mass Movements & Land Subsidence (incl.Landslides)]
- B04 [Seismic Activity & Crustal Movements]
- B05 [Climatic Conditions]
- B06 [Submarine Geological Aspects]
- B08 [Extraterrestrial Aspects & Rock Conditions]
- B09 [Geomorphologic Aspects & Terrain Classification]
- B10 [Mineralogical Aspects]
- B11 [Description of Regional Soil & Rock Conditions]
- B12 [Other Environmental Aspects]

[SITE INVESTIGATIONS]

[Equipment and Techniques of Exploration, Prospection, Sampling and Field Testing of Soils, Rocks, and Groundwater (excl. Determination of Engineering Properties), Presentation of Results]

- C00 [General]
- C01 [Airphoto Surveys and Remote Sensing]
- C02 [Geophysical Surveys/Seismic Exploration]
- C03 [Probings/Soundings (incl. Cone and other Penetration Tests, Pressuremeter Tests)]
- C04 [Visual Exploration Techniques]
- C05 [Boring Techniques and Equipment]
- C06 [Sampling]
- C07 [Measurement of Field Conditions (incl. Post-Construction Monitoring)]
- C08 [Field Testing (excl. Tests for Engineering Properties, see Groups D and F)]
- C09 [Presentation of Results, Database]
- C10 [Underwater Site Investigations]

[SOIL]

D [Soil Properties: Laboratory & In-Situ Determinations] [(incl. Properties of Rockfill, Artificial Soils, Waste Materials) Concepts, Theories, Methods of Determination, Equipment and Results]

- D00 [General]
- D01 [Classification and Description of Soils]
- D02 [Physico-Chemical Properties]
- D03 [Composition, Structure, Collapsing Soils, Density, Particle Size, Porosity, Void Ratio, Water Contents]
- D04 [Hydraulic Properties (incl. Seepage, Permeability, Leaching, Pore Pressure)]
- D05 [Compressibility, Consolidation, Dilation, Swelling]
- D06 [Shear Deformation and Strength Properties (incl. Stiffness, Triaxial & Direct Shear, Torsion, Stress/Strain, Elasticity, Plasticity)]
- D07 [Dynamic Properties (incl. Repeated, Cyclic and Vibratory Loading, Centrifuges, Earthquake Simulation)]
- D08 [Thermal Properties, Temperature and Frost]
- D09 [Compactibility/Compacted Soils]
- D10 [Properties of Soil-Additive Mixtures]

[ANALYSIS OF SOIL ENGINEERING PROBLEMS]

- E [Theoretical, Empirical and Practical Methods of Analysis]
- E00 [General]
- E01 [Stress Analysis (incl. Cracking)]

- E02 [Deformation, Stiffness & Settlement Problems]
- E03 [Bearing Capacity & Load Testing of Shallow Foundations (incl. Footings)]
- E04 [Bearing Capacity & Load Testing of Piles, Deep Foundations, Anchors]
- E05 [Earth Pressure Problems]
- E06 [Stability of Soil Slopes & Excavations]
- E07 [Seepage, Hydraulic Problems (incl. Liquefaction, Pore Pressure, and Lining Studies)]
- E08 [Dynamic Problems (incl. Earthquakes and Cyclic/Vibratory Loading)]
- E09 [Frost Action and Heat-Transfer Problems (incl. Permafrost)]
- E10 [Analysis of Layered Systems & Behavior of Pavements]
- E11 [Soil-Vehicle & Soil-Tool Interaction]
- E12 [Soil-Structure Interaction]
- E13 [Mathematical Methods, Computer Models & Analyses]
- E14 [Model Testing and Analysis]

[ROCK]

- F [Rock Properties: Laboratory and In-Situ Determinations] [Concepts, Theories, Methods of Determination, Equipment and Results]
- F00 [General]
- F01 [Classification, Description of Rocks & Rock Masses]
- F02 [Physico-Chemical Properties]
- F03 [Composition, Density & Structural Features]
- F04 [Hydraulic Properties]
- F05 [Compressibility and Swelling]
- F06 [Shear-Deformation & Strength Properties (incl. Triaxial & Direct Shear, Stress/Strain, Torsion)]
- F07 [Dynamic Properties (incl. Earthquakes and Cyclic/Vibratory Loading)]
- F08 [Thermal Properties]

[ANALYSIS OF ROCK-ENGINEERING PROBLEMS]

- G [Theoretical, Empirical, and Practical Methods of Analysis]
- G00 [General]
- G01 [Stress Analysis]
- G02 [Deformation & Displacement Problems]
- G03 [Bearing Capacity of Rock Masses]
- G05 [Rock Pressure on Tunnels & Underground Openings]
- G06 [Stability of Rock Slopes & Open Excavations]
- G07 [Seepage and other Hydraulic Problems (incl. Liquefaction)]
- G08 [Dynamic Problems (incl. Earthquakes and Cyclic/Vibratory Loading)]
- G09 [Frost Action & Heat-Transfer Problems]
- G12 [Rock-Structure-Interaction & Rock-Tool Interaction]
- G13 [Math. Methods, Comp. Analysis]
- G14 [Model Testing and Analysis]

[DESIGN & CONSTRUCTION]

- H [Design, Construction, and Behavior of Engineering Works] [Case Records and/or Descriptions of Engineering Works]
- H00 [General]
- H01 [Foundations of Structures]
- H02 [Retaining Structures, Cut-off Walls, Diaphragms]
- H03 [Offshore Structures]
- H04 [Dams & Reservoirs, Embankments]
- H05 [Tunnels & Underground Openings (incl. Galleries)]
- H06 [Roads, Railroads and Airfields]
- H07 [Harbors, Canals, & Coastal Engrg. Works]
- H08 [Conduits and Culverts]
- H09 [Slopes and Unsupported Excavations]
- H10 [Land Use]
- H11 [Waste Depositories (incl. Landfills, Tailings)]

K [CONSTRUCTION METHODS AND EQUIPMENT]

- K00 [General]
- K01 [Drainage Methods]
- K02 [Sealing and Grouting Processes]

K03 [Preloading and Soil Replacement (incl. Sand Columns and Stone Columns)]
K04 [Earthworks & Rock Excavation, Processing and Transport]
K05 [Compaction Processes]
K06 [Soil Stabilization & Erosion Control]
K07 [Piles and Pile Driving]
K08 [Construction of Caissons and Deep Piers]
K09 [Construction Methods for Shallow Foundations]
K10 [Slurry-Assisted Construction of Foundations and Cut-Off Walls]
K11 [Support of Soil and Rock, Anchoring (incl. Soil Nailing)]
K12 [Offshore Construction]
K13 [Protection Measures against Frost]
K14 [Measures for Improving Deformation & Stability Cond., Reconstruction of Foundations (incl. The use of Geogrids, Geotextiles, Reinforced Soil)]

M [MATERIALS OF CONSTRUCTION]

M00 [General]
M01 [Steel]
M02 [Wood]
M03 [Bituminous Materials]

M04 [Plastic & Similar Materials]

M05 [Cement & Chemicals]
M06 [Concrete (incl. Shotcrete and Roller Compacted Concrete)]
M07 [Paints & Coatings]
M08 [Construction Elements]
M09 [Geosynthetics(Geotextiles, Geomembranes, Geogrids, and Geofoam)]

[RELATED]

S [Snow & Ice Mechanics and Engineering]
S00 [General]
S01 [Snow & Ice Cover]
S02 [Properties of Snow & Ice]
S03 [Snow & Ice Engineering]

T [RELATED DISCIPLINES]

T04 [Meteorology & Climatology]
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T14 [Environmental Problems & Nature]

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