DESCRIPTION

Transportation Research Part E: Logistics and Transportation Review publishes informative and high quality articles drawn from across the spectrum of logistics and transportation research. Subjects include, but are not limited to: Transport economics including cost and production functions, capacity, demand, pricing, externalities, modal studies; Transport infrastructure and investment appraisal; Evaluation of public policies related to transportation; Empirical and analytical studies of logistics management practices and performance; Logistics and operations models, especially with applications; Logistics and supply-chain management topics. Part E’s aims and scope are complementary to Transportation Research Part A: Policy and Practice, Part B: Methodological, Part C: Emerging Technologies, Part D: Transport and Environment and Part F: Traffic Psychology and Behaviour. The complete set forms the most cohesive and comprehensive reference of current research in transportation science.

AUDIENCE

Transportation and management researchers and practitioners, mathematical modellers, economists and logisticians.

IMPACT FACTOR

2018: 4.253 © Clarivate Analytics Journal Citation Reports 2019
ABSTRACTING AND INDEXING

Review of Research on Freight Transport and Logistics
Engineering Index
Geographical Abstracts
Abstracted Business Information
Science Citation Index
Data Courier
Journal of Economic Literature
Management Contents
International Abstracts in Operations Research
ANVUR - Agenzia Nazionale di Valutazione del Sistema Universitario e della Ricerca
International Civil Engineering Abstracts
International Logistics Abstracts
Scopus
TRID, the TRIS and ITRD Database
INSPEC

EDITORIAL BOARD

Co-Editors-in-Chief
T.M. Choi, The Hong Kong Polytechnic University Institute of Textiles and Clothing, 11 Yuk Choi Road, Kowloon, Hong Kong
Qiang Meng, National University of Singapore Department of Civil and Environmental Engineering, 1 Engineering Drive 2, E1A 07-03, 117576, Singapore, Singapore

Honorary Editor-in-Chief
W. Talley, Old Dominion University, Norfolk, Virginia, United States

Advisory Editor (past Editor-in-Chief)
J. Sheu, National Taiwan University, Taipei, Taiwan

Associate Editors
D.E. Cantor, Iowa State University, Ames, Iowa, United States
H.K. Chan, University of Nottingham, Nottingham, United Kingdom
T. Corsi, University of Maryland at College Park Robert H Smith School of Business, College Park, Maryland, United States
O.C. Demirag, Penn State Erie The Behrend College Black School of Business, Erie, Pennsylvania, United States
S. Gudmundsson, Toulouse Business School, Toulouse, France
H.-J. Huang, BeiHang University School of Economics and Management, Beijing, China
G. Laporte, HEC Montreal Department of Decision Sciences, Montreal, Quebec, Canada
P. T-W. Lee, Zhejiang University, Hangzhou, China
J. Sarkis, Worcester Polytechnic Institute, Worcester, Massachusetts, United States
D-P. Song, University of Liverpool, Liverpool, United Kingdom
I. Visvikis, American University of Sharjah, Sharjah, United Arab Emirates
S. Wang, The Hong Kong Polytechnic University, Hong Kong, China

Editorial Advisory Board
A Alizadeh-Masoodian, City University of London, London, United Kingdom
O. Araz, University of Nebraska-Lincoln, Lincoln, Nebraska, United States
F. Aros-Vera, Rensselaer Polytechnic Institute, Troy, New York, United States
S. Asian, La Trobe University, Bundoora, Victoria, Australia
E. Barrena Algara, Pablo de Olavide University, Sevilla, Spain
C. Blome, University of Sussex, Brighton, United Kingdom
K.D. Boyer, Michigan State University, East Lansing, Michigan, United States
D. Canca, University of Seville, Sevilla, Spain
P. Cariou, Kedge Business School, Marseille, France
JM. Chen, National Central University, Taoyuan City, Taiwan
M. Chen, National Chiao Tung University, Hsinchu, Taiwan
X. Chen, University of Electronic Science and Technology of China, Chengdu, China
Y-M. Chen, National Kaohsiung University of Science and Technology, Kaohsiung, Taiwan
W. Chiang, The University of Tulsa, Tulsa, Oklahoma, United States
C.H. Chiu, Sun Yat-Sen University, Guangzhou, China
S. N. Chung, The Hong Kong Polytechnic University, Hong Kong, China
<table>
<thead>
<tr>
<th>Author</th>
<th>Affiliation</th>
</tr>
</thead>
<tbody>
<tr>
<td>F. Corman</td>
<td>Swiss Federal Institute of Technology Institute for Transport Planning and Systems, Zurich, Switzerland</td>
</tr>
<tr>
<td>G. Correia</td>
<td>TU Delft, Delft, Netherlands</td>
</tr>
<tr>
<td>K. M. Curtin</td>
<td>George Mason University, Fairfax, Virginia, United States</td>
</tr>
<tr>
<td>A. D’Ariano</td>
<td>Roma Tre University, Roma, Italy</td>
</tr>
<tr>
<td>P. Daugherty</td>
<td>Michigan State University, East Lansing, Michigan, United States</td>
</tr>
<tr>
<td>L. De Boeck</td>
<td>KU Leuven Research Unit Center for Information Management Modeling and Simulation, Brussels, Belgium</td>
</tr>
<tr>
<td>M.M. Dessouky</td>
<td>University of Southern California Daniel J Epstein Department of Industrial and Systems Engineering, Los Angeles, California, United States</td>
</tr>
<tr>
<td>W.E.H. Dullaert</td>
<td>VU Amsterdam, Amsterdam, Netherlands</td>
</tr>
<tr>
<td>S. Erdogan</td>
<td>University of Maryland at College Park, College Park, Maryland, United States</td>
</tr>
<tr>
<td>M. Erkoc</td>
<td>University of Miami, Coral Gables, Florida, United States</td>
</tr>
<tr>
<td>B. Fahimmia</td>
<td>The University of Sydney, Sydney, New South Wales, Australia</td>
</tr>
<tr>
<td>R. Z. Farahani</td>
<td>Kingston University Kingston Business School, Kingston Upon Thames, United Kingdom</td>
</tr>
<tr>
<td>X. Fu</td>
<td>The University of Sydney, Sydney, New South Wales, Australia</td>
</tr>
<tr>
<td>S. Gelareh</td>
<td>Unit of Catalysis and Solid State Chemistry Artois Branch, Béthune, France</td>
</tr>
<tr>
<td>S. Giordani</td>
<td>University of Rome Tor Vergata, Roma, Italy</td>
</tr>
<tr>
<td>M. Golas</td>
<td>The University of Memphis, Memphis, Tennessee, United States</td>
</tr>
<tr>
<td>K. Govindan</td>
<td>University of Southern Denmark, Odense, Denmark</td>
</tr>
<tr>
<td>Y. Hadas</td>
<td>Bar-Ilan University, Ramat Gan, Israel</td>
</tr>
<tr>
<td>M. Hansen</td>
<td>University of California Berkeley, Berkeley, California, United States</td>
</tr>
<tr>
<td>D. Hensher</td>
<td>The University of Sydney, Institute of Transport and Logistics Studies, Chippendale, New South Wales, Australia</td>
</tr>
<tr>
<td>J. Holguin-Veras</td>
<td>Rensselaer Polytechnic Institute, Troy, New York, United States</td>
</tr>
<tr>
<td>M.E.T. Horn</td>
<td>Australian National University, Canberra, Australia</td>
</tr>
<tr>
<td>Z.-H. Hu</td>
<td>Shanghai Maritime University, Shanghai, China</td>
</tr>
<tr>
<td>C. Iris</td>
<td>University of Liverpool, Liverpool, United Kingdom</td>
</tr>
<tr>
<td>S. Ji</td>
<td>The University of Tennessee Knoxville, Knoxville, Tennessee, United States</td>
</tr>
<tr>
<td>D. Konur</td>
<td>Texas State University, San Marcos, Texas, United States</td>
</tr>
<tr>
<td>Y. H. Kuo</td>
<td>University of Hong Kong, Pokfulam, Hong Kong</td>
</tr>
<tr>
<td>H. Kurata</td>
<td>University of Tsukuba, Tsukuba, Japan</td>
</tr>
<tr>
<td>K-H Lai</td>
<td>The Hong Kong Polytechnic University, Hong Kong, China</td>
</tr>
<tr>
<td>J. Lam</td>
<td>Nanyang Technological University, Singapore, Singapore</td>
</tr>
<tr>
<td>O. Lavastre</td>
<td>University Grenoble Alpes, Grenoble, France</td>
</tr>
<tr>
<td>T. Li</td>
<td>Santa Clara University, Santa Clara, California, United States</td>
</tr>
<tr>
<td>T.W. Liao</td>
<td>Louisiana State University Department of Construction Management and Industrial Engineering, Baton Rouge, Louisiana, United States</td>
</tr>
<tr>
<td>C-C. Lu</td>
<td>National Chiao Tung University - Taipei Campus, Taipei, Taiwan</td>
</tr>
<tr>
<td>K. Matsui</td>
<td>Kobe University, Kobe, Japan</td>
</tr>
<tr>
<td>P. McCarthy</td>
<td>Georgia Institute of Technology, Atlanta, Georgia, United States</td>
</tr>
<tr>
<td>J. Mulder</td>
<td>Erasmus University Rotterdam, Rotterdam, Netherlands</td>
</tr>
<tr>
<td>R. Negenborn</td>
<td>TU Delft, Delft, Netherlands</td>
</tr>
<tr>
<td>M. Ng</td>
<td>Old Dominion University, Norfolk, Virginia, United States</td>
</tr>
<tr>
<td>M. Nourinejad</td>
<td>University of Toronto, Toronto, Ontario, Canada</td>
</tr>
<tr>
<td>D. C. Novak</td>
<td>University of Vermont School of Business Administration, Burlington, Vermont, United States</td>
</tr>
<tr>
<td>K. Obeng</td>
<td>North Carolina Agricultural and Technical State University Transportation Institute, Greensboro, North Carolina, United States</td>
</tr>
<tr>
<td>C. Oguz</td>
<td>Koc University, Istanbul, Turkey</td>
</tr>
<tr>
<td>P.M. Panayides</td>
<td>Cyprus University of Technology, Lemesos, Cyprus</td>
</tr>
<tr>
<td>G. Pedrielli</td>
<td>Arizona State University, Tempe, Arizona, United States</td>
</tr>
<tr>
<td>E. Pels</td>
<td>VU Amsterdam Department of Spatial Economics, Amsterdam, Netherlands</td>
</tr>
<tr>
<td>F. Prager</td>
<td>University of Southern California, Los Angeles, California, United States</td>
</tr>
<tr>
<td>S. Saberi</td>
<td>Worcester Polytechnic Institute, Worcester, Massachusetts, United States</td>
</tr>
<tr>
<td>G. Şahin</td>
<td>Sabanci University, Istanbul, Turkey</td>
</tr>
<tr>
<td>T. Schoenherr</td>
<td>Michigan State University, East Lansing, Michigan, United States</td>
</tr>
<tr>
<td>B. Shen</td>
<td>Donghua University, Shanghai, China</td>
</tr>
<tr>
<td>W.Y. Szeto</td>
<td>University of Hong Kong, Pokfulam, Hong Kong</td>
</tr>
<tr>
<td>Z. Tan</td>
<td>Dalian Maritime University, Dalian, China</td>
</tr>
<tr>
<td>B. Tovar</td>
<td>University of Las Palmas de Gran Canaria, Gran Canaria, Canary Islands, Spain</td>
</tr>
<tr>
<td>N. Umang</td>
<td>GE Global Research, Niskayuna, New York, United States</td>
</tr>
<tr>
<td>H.A. Vergara</td>
<td>Oregon State University, Corvallis, Oregon, United States</td>
</tr>
<tr>
<td>M. Verma</td>
<td>McMaster University, Hamilton, Ontario, Canada</td>
</tr>
<tr>
<td>S. Vandelt</td>
<td>Beihang University, Beijing, China</td>
</tr>
<tr>
<td>B. Wang</td>
<td>Texas A&amp;M University College Station, College Station, Texas, United States</td>
</tr>
<tr>
<td>H. Wang</td>
<td>National University of Singapore, Singapore, Singapore</td>
</tr>
<tr>
<td>X. J. Wang</td>
<td>University of Bristol, Bristol, United Kingdom</td>
</tr>
</tbody>
</table>
X. Wang, Mississippi State University Department of Marketing Quantitative Analysis and Business Law, Mississippi State, Mississippi, United States
Y. Wang, The Hong Kong Polytechnic University, Hong Kong, China
P.J. Wolfe
D. Wu, Chinese Academy of Sciences, Beijing, China
T. Yamada, Kyoto University, Kyoto, Japan
Z. Yang, Liverpool John Moores University, Liverpool, United Kingdom
M. Yavuz, The University of Alabama, Tuscaloosa, Alabama, United States
A. Yenipazarli, Georgia Southern University, Statesboro, Georgia, United States
B. Yu, Beihang University, Beijing, China
Y. Yu, University of Science and Technology of China, Hefei, China
X.H. Yue, University of Wisconsin Milwaukee, Milwaukee, Wisconsin, United States
K. Zhang, Michigan Technological University, Houghton, Michigan, United States
Q. Zhang, Shenzhen University, Shenzhen, China
B. Zou, University of Illinois at Chicago, Chicago, Illinois, United States
GUIDE FOR AUTHORS

Your Paper Your Way
We now differentiate between the requirements for new and revised submissions. You may choose to submit your manuscript as a single Word or PDF file to be used in the refereeing process. Only when your paper is at the revision stage, will you be requested to put your paper in to a 'correct format' for acceptance and provide the items required for the publication of your article.

To find out more, please visit the Preparation section below.

INTRODUCTION
Transportation Research Part E: The Logistics and Transportation Review publishes informative articles drawn from across the spectrum of logistics and transportation research. Subjects include, but are not limited to:

• transport economics including cost and production functions, capacity, demand, pricing, externalities, modal studies; • transport infrastructure and investment appraisal; • evaluation of public policies; • empirical studies of management practices and performance; • logistics and operations models, especially with application; • logistics and supply-chain management topics.

Contact Details
Authors are requested to submit their papers electronically by using the Transportation Research Part E: The Logistics and Transportation Review online submission and review web site (https://www.evise.com/profile/api/navigate/TRE). This site will guide authors stepwise through the submission process. Authors are requested to submit the text, tables, and artwork in electronic form to this address. Authors who are unable to provide an electronic version or have other circumstances that prevent online submission or wish to discuss Special Issue proposals must contact the Editor prior to submission to discuss alternative options; email: jbsheu@ntu.edu.tw.

Submission checklist
You can use this list to carry out a final check of your submission before you send it to the journal for review. Please check the relevant section in this Guide for Authors for more details.

Ensure that the following items are present:

One author has been designated as the corresponding author with contact details:
• E-mail address
• Full postal address

All necessary files have been uploaded:
Manuscript:
• Include keywords
• All figures (include relevant captions)
• All tables (including titles, description, footnotes)
• Ensure all figure and table citations in the text match the files provided
• Indicate clearly if color should be used for any figures in print
Graphical Abstracts / Highlights files (where applicable)
Supplemental files (where applicable)

Further considerations
• Manuscript has been 'spell checked' and 'grammar checked'
• All references mentioned in the Reference List are cited in the text, and vice versa
• Permission has been obtained for use of copyrighted material from other sources (including the Internet)
• A competing interests statement is provided, even if the authors have no competing interests to declare
• Journal policies detailed in this guide have been reviewed
• Referee suggestions and contact details provided, based on journal requirements

For further information, visit our Support Center.

BEFORE YOU BEGIN
**Ethics in publishing**
Please see our information pages on Ethics in publishing and Ethical guidelines for journal publication.

**Declaration of interest**
All authors must disclose any financial and personal relationships with other people or organizations that could inappropriately influence (bias) their work. Examples of potential competing interests include employment, consultancies, stock ownership, honoraria, paid expert testimony, patent applications/registrations, and grants or other funding. Authors must disclose any interests in two places: 1. A summary declaration of interest statement in the title page file (if double-blind) or the manuscript file (if single-blind). If there are no interests to declare then please state this: 'Declarations of interest: none'. This summary statement will be ultimately published if the article is accepted.
2. Detailed disclosures as part of a separate Declaration of Interest form, which forms part of the journal's official records. It is important for potential interests to be declared in both places and that the information matches. More information.

**Submission declaration and verification**
Submission of an article implies that the work described has not been published previously (except in the form of an abstract, a published lecture or academic thesis, see 'Multiple, redundant or concurrent publication' for more information), that it is not under consideration for publication elsewhere, that its publication is approved by all authors and tacitly or explicitly by the responsible authorities where the work was carried out, and that, if accepted, it will not be published elsewhere in the same form, in English or in any other language, including electronically without the written consent of the copyright-holder. To verify originality, your article may be checked by the originality detection service Crossref Similarity Check.

**Use of inclusive language**
Inclusive language acknowledges diversity, conveys respect to all people, is sensitive to differences, and promotes equal opportunities. Articles should make no assumptions about the beliefs or commitments of any reader, should contain nothing which might imply that one individual is superior to another on the grounds of race, sex, culture or any other characteristic, and should use inclusive language throughout. Authors should ensure that writing is free from bias, for instance by using 'he or she', 'his/her' instead of 'he' or 'his', and by making use of job titles that are free of stereotyping (e.g. 'chairperson' instead of 'chairman' and 'flight attendant' instead of 'stewardess').

**Author contributions**
For transparency, we encourage authors to submit an author statement file outlining their individual contributions to the paper using the relevant CRediT roles: Conceptualization; Data curation; Formal analysis; Funding acquisition; Investigation; Methodology; Project administration; Resources; Software; Supervision; Validation; Visualization; Roles/Writing - original draft; Writing - review & editing. Authorship statements should be formatted with the names of authors first and CRediT role(s) following. More details and an example

**Changes to authorship**
This policy concerns the addition, deletion, or rearrangement of author names in the authorship. The change of authorship of TRE is allowed only before a manuscript is accepted. Any requests for changing authorship should be sent to the Editor-in-Chief from the corresponding author for approval and must include: (a) the reason the name should be added or removed, or the author names rearranged and (b) written confirmation (e-mail, fax, letter) from all authors that they agree with the addition, removal or rearrangement. In the case of addition or removal of authors, this includes confirmation from the author being added or removed.

**Article transfer service**
This journal is part of our Article Transfer Service. This means that if the Editor feels your article is more suitable in one of our other participating journals, then you may be asked to consider transferring the article to one of those. If you agree, your article will be transferred automatically on your behalf with no need to reformat. Please note that your article will be reviewed again by the new journal. More information.

**Copyright**
Upon acceptance of an article, authors will be asked to complete a 'Journal Publishing Agreement' (see more information on this). An e-mail will be sent to the corresponding author confirming receipt of the manuscript together with a 'Journal Publishing Agreement' form or a link to the online version of this agreement.
Subscribers may reproduce tables of contents or prepare lists of articles including abstracts for internal circulation within their institutions. Permission of the Publisher is required for resale or distribution outside the institution and for all other derivative works, including compilations and translations. If excerpts from other copyrighted works are included, the author(s) must obtain written permission from the copyright owners and credit the source(s) in the article. Elsevier has preprinted forms for use by authors in these cases.

For gold open access articles: Upon acceptance of an article, authors will be asked to complete an 'Exclusive License Agreement' (more information). Permitted third party reuse of gold open access articles is determined by the author's choice of user license.

Author rights
As an author you (or your employer or institution) have certain rights to reuse your work. More information.

Elsevier supports responsible sharing
Find out how you can share your research published in Elsevier journals.

Role of the funding source
You are requested to identify who provided financial support for the conduct of the research and/or preparation of the article and to briefly describe the role of the sponsor(s), if any, in study design; in the collection, analysis and interpretation of data; in the writing of the report; and in the decision to submit the article for publication. If the funding source(s) had no such involvement then this should be stated.

Open access
Please visit our Open Access page for more information.

Elsevier Researcher Academy
Researcher Academy is a free e-learning platform designed to support early and mid-career researchers throughout their research journey. The "Learn" environment at Researcher Academy offers several interactive modules, webinars, downloadable guides and resources to guide you through the process of writing for research and going through peer review. Feel free to use these free resources to improve your submission and navigate the publication process with ease.

Language (usage and editing services)
Please write your text in good English (American or British usage is accepted, but not a mixture of these). Authors who feel their English language manuscript may require editing to eliminate possible grammatical or spelling errors and to conform to correct scientific English may wish to use the English Language Editing service available from Elsevier's Author Services.

Submission
If you are submitting this manuscript for a special issue, please make sure you select the appropriate Special Issue Article Type. Choosing an incorrect article type could lead to mispublication of your article.

Submission to this journal proceeds totally online and you will be guided stepwise through the creation and uploading of your files. The system automatically converts source files to a single PDF file of the article, which is used in the peer-review process. All correspondence, including notification of the Editor's decision and requests for revision, takes place by e-mail removing the need for a paper trail.

Submit your article
Please submit your article via https://www.evise.com/profile/api/navigate/TRE

PREPARATION

NEW SUBMISSIONS
Submission to this journal proceeds totally online and you will be guided stepwise through the creation and uploading of your files. The system automatically converts your files to a single PDF file, which is used in the peer-review process.
As part of the Your Paper Your Way service, you may choose to submit your manuscript as a single file to be used in the refereeing process. This can be a PDF file or a Word document, in any format or layout that can be used by referees to evaluate your manuscript. It should contain high enough quality...
figures for refereeing. If you prefer to do so, you may still provide all or some of the source files at
the initial submission. Please note that individual figure files larger than 10 MB must be uploaded
separately.

References
There are no strict requirements on reference formatting at submission. References can be in any
style or format as long as the style is consistent. Where applicable, author(s) name(s), journal title/
book title, chapter title/article title, year of publication, volume number/book chapter and the article
number or pagination must be present. Use of DOI is highly encouraged. The reference style used by
the journal will be applied to the accepted article by Elsevier at the proof stage. Note that missing
data will be highlighted at proof stage for the author to correct.

Formatting requirements
There are no strict formatting requirements but all manuscripts must contain the essential elements
needed to convey your manuscript, for example Abstract, Keywords, Introduction, Materials and
Methods, Results, Conclusions, Artwork and Tables with Captions.
If your article includes any Videos and/or other Supplementary material, this should be included in
your initial submission for peer review purposes.
Divide the article into clearly defined sections.

Figures and tables embedded in text
Please ensure the figures and the tables included in the single file are placed next to the relevant text
in the manuscript, rather than at the bottom or the top of the file. The corresponding caption should
be placed directly below the figure or table.

Peer review
This journal operates a double blind review process. All contributions will be initially assessed by the
editor for suitability for the journal. Papers deemed suitable are then typically sent to a minimum of
two independent expert reviewers to assess the scientific quality of the paper. The Editor is responsible
for the final decision regarding acceptance or rejection of articles. The Editor's decision is final. More
information on types of peer review.

Double-blind review
This journal uses double-blind review, which means the identities of the authors are concealed from
the reviewers, and vice versa. More information is available on our website. To facilitate this, please
include the following separately:

Title page (with author details): This should include the title, authors' names, affiliations,
acknowledgements and any Declaration of Interest statement, and a complete address for the
 corresponding author including an e-mail address.

Blinded manuscript (no author details): The main body of the paper (including the references,
figures, tables and any acknowledgements) should not include any identifying information, such as
the authors' names or affiliations.

REVISED SUBMISSIONS
Use of word processing software
Regardless of the file format of the original submission, at revision you must provide us with an
editable file of the entire article. Keep the layout of the text as simple as possible. Most formatting
codes will be removed and replaced on processing the article. The electronic text should be prepared
in a way very similar to that of conventional manuscripts (see also the Guide to Publishing with
Elsevier). See also the section on Electronic artwork.
To avoid unnecessary errors you are strongly advised to use the 'spell-check' and 'grammar-check'
functions of your word processor.

Article structure
Subdivision - numbered sections
Divide your article into clearly defined and numbered sections. Subsections should be numbered
1.1 (then 1.1.1, 1.1.2, ...), 1.2, etc. (the abstract is not included in section numbering). Use this
numbering also for internal cross-referencing: do not just refer to 'the text'. Any subsection may be
given a brief heading. Each heading should appear on its own separate line.

Introduction
State the objectives of the work and provide an adequate background, avoiding a detailed literature
survey or a summary of the results.
Material and methods
Provide sufficient details to allow the work to be reproduced by an independent researcher. Methods that are already published should be summarized, and indicated by a reference. If quoting directly from a previously published method, use quotation marks and also cite the source. Any modifications to existing methods should also be described.

Theory/calculation
A Theory section should extend, not repeat, the background to the article already dealt with in the Introduction and lay the foundation for further work. In contrast, a Calculation section represents a practical development from a theoretical basis.

Results
Results should be clear and concise.

Discussion
This should explore the significance of the results of the work, not repeat them. A combined Results and Discussion section is often appropriate. Avoid extensive citations and discussion of published literature.

Conclusions
The main conclusions of the study may be presented in a short Conclusions section, which may stand alone or form a subsection of a Discussion or Results and Discussion section.

Glossary
Please supply, as a separate list, the definitions of field-specific terms used in your article.

Appendices
If there is more than one appendix, they should be identified as A, B, etc. Formulae and equations in appendices should be given separate numbering: Eq. (A.1), Eq. (A.2), etc.; in a subsequent appendix, Eq. (B.1) and so on. Similarly for tables and figures: Table A.1; Fig. A.1, etc.

Essential title page information
• Title. Concise and informative. Titles are often used in information-retrieval systems. Avoid abbreviations and formulae where possible.
• Author names and affiliations. Please clearly indicate the given name(s) and family name(s) of each author and check that all names are accurately spelled. You can add your name between parentheses in your own script behind the English transliteration. Present the authors' affiliation addresses (where the actual work was done) below the names. Indicate all affiliations with a lower-case superscript letter immediately after the author's name and in front of the appropriate address. Provide the full postal address of each affiliation, including the country name and, if available, the e-mail address of each author.
• Corresponding author. Clearly indicate who will handle correspondence at all stages of refereeing and publication, also post-publication. This responsibility includes answering any future queries about Methodology and Materials. Ensure that the e-mail address is given and that contact details are kept up to date by the corresponding author.
• Present/permanent address. If an author has moved since the work described in the article was done, or was visiting at the time, a 'Present address' (or 'Permanent address') may be indicated as a footnote to that author's name. The address at which the author actually did the work must be retained as the main, affiliation address. Superscript Arabic numerals are used for such footnotes.

Highlights
Highlights are mandatory for this journal as they help increase the discoverability of your article via search engines. They consist of a short collection of bullet points that capture the novel results of your research as well as new methods that were used during the study (if any). Please have a look at the examples here: example Highlights.

Highlights should be submitted in a separate editable file in the online submission system. Please use 'Highlights' in the file name and include 3 to 5 bullet points (maximum 85 characters, including spaces, per bullet point).
Abstract
A concise and factual abstract is required. The abstract should state briefly the purpose of the research, the principal results and major conclusions. An abstract is often presented separately from the article, so it must be able to stand alone. For this reason, References should be avoided, but if essential, then cite the author(s) and year(s). Also, non-standard or uncommon abbreviations should be avoided, but if essential they must be defined at their first mention in the abstract itself.

Graphical abstract
Although a graphical abstract is optional, its use is encouraged as it draws more attention to the online article. The graphical abstract should summarize the contents of the article in a concise, pictorial form designed to capture the attention of a wide readership. Graphical abstracts should be submitted as a separate file in the online submission system. Image size: Please provide an image with a minimum of 531 × 1328 pixels (h × w) or proportionally more. The image should be readable at a size of 5 × 13 cm using a regular screen resolution of 96 dpi. Preferred file types: TIFF, EPS, PDF or MS Office files. You can view Example Graphical Abstracts on our information site.
Authors can make use of Elsevier's Illustration Services to ensure the best presentation of their images and in accordance with all technical requirements.

Keywords
Immediately after the abstract, provide a maximum of 6 keywords, using American spelling and avoiding general and plural terms and multiple concepts (avoid, for example, 'and', 'of'). Be sparing with abbreviations: only abbreviations firmly established in the field may be eligible. These keywords will be used for indexing purposes.

Acknowledgements
Collate acknowledgements in a separate section at the end of the article before the references and do not, therefore, include them on the title page, as a footnote to the title or otherwise. List here those individuals who provided help during the research (e.g., providing language help, writing assistance or proof reading the article, etc.).

Formatting of funding sources
List funding sources in this standard way to facilitate compliance to funder's requirements:

Funding: This work was supported by the National Institutes of Health [grant numbers xxxx, yyyy]; the Bill & Melinda Gates Foundation, Seattle, WA [grant number zzzz]; and the United States Institutes of Peace [grant number aaaa].

It is not necessary to include detailed descriptions on the program or type of grants and awards. When funding is from a block grant or other resources available to a university, college, or other research institution, submit the name of the institute or organization that provided the funding.

If no funding has been provided for the research, please include the following sentence:

This research did not receive any specific grant from funding agencies in the public, commercial, or not-for-profit sectors.

Math formulae
Please submit math equations as editable text and not as images. Present simple formulae in line with normal text where possible and use the solidus (/) instead of a horizontal line for small fractional terms, e.g., X/Y. In principle, variables are to be presented in italics. Powers of e are often more conveniently denoted by exp. Number consecutively any equations that have to be displayed separately from the text (if referred to explicitly in the text).

Footnotes
Footnotes should be used sparingly. Number them consecutively throughout the article. Many word processors build footnotes into the text, and this feature may be used. Should this not be the case, indicate the position of footnotes in the text and present the footnotes themselves separately at the end of the article.

Artwork
Electronic artwork
General points
• Make sure you use uniform lettering and sizing of your original artwork.
• Preferred fonts: Arial (or Helvetica), Times New Roman (or Times), Symbol, Courier.
• Number the illustrations according to their sequence in the text.
• Use a logical naming convention for your artwork files.
• Indicate per figure if it is a single, 1.5 or 2-column fitting image.
• For Word submissions only, you may still provide figures and their captions, and tables within a single file at the revision stage.
• Please note that individual figure files larger than 10 MB must be provided in separate source files.

A detailed guide on electronic artwork is available.

You are urged to visit this site; some excerpts from the detailed information are given here.

Formats
Regardless of the application used, when your electronic artwork is finalized, please 'save as' or convert the images to one of the following formats (note the resolution requirements for line drawings, halftones, and line/halftone combinations given below):
EPS (or PDF): Vector drawings. Embed the font or save the text as 'graphics'.
TIFF (or JPEG): Color or grayscale photographs (halftones): always use a minimum of 300 dpi.
TIFF (or JPEG): Bitmapped line drawings: use a minimum of 1000 dpi.
TIFF (or JPEG): Combinations bitmapped line/halftone (color or grayscale): a minimum of 500 dpi is required.

Please do not:
• Supply files that are optimized for screen use (e.g., GIF, BMP, PICT, WPG); the resolution is too low.
• Supply files that are too low in resolution.
• Submit graphics that are disproportionately large for the content.

Color artwork
Please make sure that artwork files are in an acceptable format (TIFF (or JPEG), EPS (or PDF), or MS Office files) and with the correct resolution. If, together with your accepted article, you submit usable color figures then Elsevier will ensure, at no additional charge, that these figures will appear in color online (e.g., ScienceDirect and other sites) regardless of whether or not these illustrations are reproduced in color in the printed version. For color reproduction in print, you will receive information regarding the costs from Elsevier after receipt of your accepted article. Please indicate your preference for color: in print or online only. Further information on the preparation of electronic artwork.

Figure captions
Ensure that each illustration has a caption. A caption should comprise a brief title (not on the figure itself) and a description of the illustration. Keep text in the illustrations themselves to a minimum but explain all symbols and abbreviations used.

Tables
Please submit tables as editable text and not as images. Tables can be placed either next to the relevant text in the article, or on separate page(s) at the end. Number tables consecutively in accordance with their appearance in the text and place any table notes below the table body. Be sparing in the use of tables and ensure that the data presented in them do not duplicate results described elsewhere in the article. Please avoid using vertical rules and shading in table cells.

References
Citation in text
Please ensure that every reference cited in the text is also present in the reference list (and vice versa). Any references cited in the abstract must be given in full. Unpublished results and personal communications are not recommended in the reference list, but may be mentioned in the text. If these references are included in the reference list they should follow the standard reference style of the journal and should include a substitution of the publication date with either 'Unpublished results' or 'Personal communication'. Citation of a reference as 'in press' implies that the item has been accepted for publication.

Reference links
Increased discoverability of research and high quality peer review are ensured by online links to the sources cited. In order to allow us to create links to abstracting and indexing services, such as Scopus, CrossRef and PubMed, please ensure that data provided in the references are correct. Please note that incorrect surnames, journal/book titles, publication year and pagination may prevent link creation. When copying references, please be careful as they may already contain errors. Use of the DOI is highly encouraged.
A DOI is guaranteed never to change, so you can use it as a permanent link to any electronic article. An example of a citation using DOI for an article not yet in an issue is: VanDecar J.C., Russo R.M., James D.E., Ambeh W.B., Franke M. (2003). Aseismic continuation of the Lesser Antilles slab beneath northeastern Venezuela. Journal of Geophysical Research, https://doi.org/10.1029/2001JB000884. Please note the format of such citations should be in the same style as all other references in the paper.

Web references
As a minimum, the full URL should be given and the date when the reference was last accessed. Any further information, if known (DOI, author names, dates, reference to a source publication, etc.), should also be given. Web references can be listed separately (e.g., after the reference list) under a different heading if desired, or can be included in the reference list.

Data references
This journal encourages you to cite underlying or relevant datasets in your manuscript by citing them in your text and including a data reference in your Reference List. Data references should include the following elements: author name(s), dataset title, data repository, version (where available), year, and global persistent identifier. Add [dataset] immediately before the reference so we can properly identify it as a data reference. The [dataset] identifier will not appear in your published article.

Reference management software
Most Elsevier journals have their reference template available in many of the most popular reference management software products. These include all products that support Citation Style Language styles, such as Mendeley. Using citation plug-ins from these products, authors only need to select the appropriate journal template when preparing their article, after which citations and bibliographies will be automatically formatted in the journal’s style. If no template is yet available for this journal, please follow the format of the sample references and citations as shown in this Guide. If you use reference management software, please ensure that you remove all field codes before submitting the electronic manuscript. More information on how to remove field codes from different reference management software.

Users of Mendeley Desktop can easily install the reference style for this journal by clicking the following link:
http://open.mendeley.com/use-citation-style/transportation-research-part-e
When preparing your manuscript, you will then be able to select this style using the Mendeley plug-ins for Microsoft Word or LibreOffice.

Reference formatting
There are no strict requirements on reference formatting at submission. References can be in any style or format as long as the style is consistent. Where applicable, author(s) name(s), journal title/book title, chapter title/article title, year of publication, volume number/book chapter and the article number or pagination must be present. Use of DOI is highly encouraged. The reference style used by the journal will be applied to the accepted article by Elsevier at the proof stage. Note that missing data will be highlighted at proof stage for the author to correct. If you do wish to format the references yourself they should be arranged according to the following examples:

All citations in the text should refer to:

1. Single author: the author’s name (without initials, unless there is ambiguity) and the year of publication;
2. Two authors: both authors’ names and the year of publication;
3. Three or more authors: first author’s name followed by ‘et al.’ and the year of publication.

Citations may be made directly (or parenthetically). Groups of references should be listed first alphabetically, then chronologically.

Examples: "as demonstrated (Allan, 1996a, 1996b, 1999; Allan and Jones, 1995). Kramer et al. (2000) have recently shown"

List: References should be arranged first alphabetically and then further sorted chronologically if necessary. More than one reference from the same author(s) in the same year must be identified by the letters "a", "b", "c", etc., placed after the year of publication.

Examples:
The Harvard system of references is used. References should conform to the following style.


Journal abbreviations source
Journal names should be abbreviated according to the List of Title Word Abbreviations.

Data visualization
Include interactive data visualizations in your publication and let your readers interact and engage more closely with your research. Follow the instructions here to find out about available data visualization options and how to include them with your article.

Research data
This journal encourages and enables you to share data that supports your research publication where appropriate, and enables you to interlink the data with your published articles. Research data refers to the results of observations or experimentation that validate research findings. To facilitate reproducibility and data reuse, this journal also encourages you to share your software, code, models, algorithms, protocols, methods and other useful materials related to the project.

Below are a number of ways in which you can associate data with your article or make a statement about the availability of your data when submitting your manuscript. If you are sharing data in one of these ways, you are encouraged to cite the data in your manuscript and reference list. Please refer to the "References" section for more information about data citation. For more information on depositing, sharing and using research data and other relevant research materials, visit the research data page.

Data linking
If you have made your research data available in a data repository, you can link your article directly to the dataset. Elsevier collaborates with a number of repositories to link articles on ScienceDirect with relevant repositories, giving readers access to underlying data that gives them a better understanding of the research described.

There are different ways to link your datasets to your article. When available, you can directly link your dataset to your article by providing the relevant information in the submission system. For more information, visit the database linking page.

For supported data repositories a repository banner will automatically appear next to your published article on ScienceDirect.

In addition, you can link to relevant data or entities through identifiers within the text of your manuscript, using the following format: Database: xxxx (e.g., TAIR: AT1G01020; CCDC: 734053; PDB: 1XFN).

Mendeley Data
This journal supports Mendeley Data, enabling you to deposit any research data (including raw and processed data, video, code, software, algorithms, protocols, and methods) associated with your manuscript in a free-to-use, open access repository. During the submission process, after uploading your manuscript, you will have the opportunity to upload your relevant datasets directly to Mendeley Data. The datasets will be listed and directly accessible to readers next to your published article online.
For more information, visit the Mendeley Data for journals page.

Data in Brief
You have the option of converting any or all parts of your supplementary or additional raw data into one or multiple data articles, a new kind of article that houses and describes your data. Data articles ensure that your data is actively reviewed, curated, formatted, indexed, given a DOI and publicly available to all upon publication. You are encouraged to submit your article for Data in Brief as an additional item directly alongside the revised version of your manuscript. If your research article is accepted, your data article will automatically be transferred over to Data in Brief where it will be editorially reviewed and published in the open access data journal, Data in Brief. Please note an open access fee of 600 USD is payable for publication in Data in Brief. Full details can be found on the Data in Brief website. Please use this template to write your Data in Brief.

Data statement
To foster transparency, we encourage you to state the availability of your data in your submission. This may be a requirement of your funding body or institution. If your data is unavailable to access or unsuitable to post, you will have the opportunity to indicate why during the submission process, for example by stating that the research data is confidential. The statement will appear with your published article on ScienceDirect. For more information, visit the Data Statement page.

AFTER ACCEPTANCE

Online proof correction
To ensure a fast publication process of the article, we kindly ask authors to provide us with their proof corrections within two days. Corresponding authors will receive an e-mail with a link to our online proofing system, allowing annotation and correction of proofs online. The environment is similar to MS Word: in addition to editing text, you can also comment on figures/tables and answer questions from the Copy Editor. Web-based proofing provides a faster and less error-prone process by allowing you to directly type your corrections, eliminating the potential introduction of errors. If preferred, you can still choose to annotate and upload your edits on the PDF version. All instructions for proofing will be given in the e-mail we send to authors, including alternative methods to the online version and PDF.
We will do everything possible to get your article published quickly and accurately. Please use this proof only for checking the typesetting, editing, completeness and correctness of the text, tables and figures. Significant changes to the article as accepted for publication will only be considered at this stage with permission from the Editor. It is important to ensure that all corrections are sent back to us in one communication. Please check carefully before replying, as inclusion of any subsequent corrections cannot be guaranteed. Proofreading is solely your responsibility.

Offprints
The corresponding author will, at no cost, receive a customized Share Link providing 50 days free access to the final published version of the article on ScienceDirect. The Share Link can be used for sharing the article via any communication channel, including email and social media. For an extra charge, paper offprints can be ordered via the offprint order form which is sent once the article is accepted for publication. Both corresponding and co-authors may order offprints at any time via Elsevier's Author Services. Corresponding authors who have published their article gold open access do not receive a Share Link as their final published version of the article is available open access on ScienceDirect and can be shared through the article DOI link.

AUTHOR INQUIRIES
Visit the Elsevier Support Center to find the answers you need. Here you will find everything from Frequently Asked Questions to ways to get in touch.
You can also check the status of your submitted article or find out when your accepted article will be published.

© Copyright 2018 Elsevier | https://www.elsevier.com