DESCRIPTION

*Finance Research Letters* invites submissions in all areas of finance, broadly defined. *Finance Research Letters* offers and ensures the rapid publication of important new results in these areas. We aim to provide a rapid response to papers, with all papers undergoing a desk review by one of the Editors in Chief before being sent for review.

Papers are especially welcome that shed insight on the replicability or lack thereof of established results, that look at transnational applicability of previous findings, that challenge existing methodological approaches, or which demonstrate the methodological contingency of findings. Single country replications of well-established results are not generally within the scope of the journal.

Papers for submission should be concise - less than 2500 words; they should be clearly and lucidly written to convey the essence of the findings and novelty; they should contain new, preliminary or experimental results of interest to the broad finance community.

Topics welcomed include, but are not limited to, those below. Authors are welcome to contact any of the Chief Editors to inquire, without prejudice, as to topic suitability.

Papers are invited in the following areas:

- Actuarial studies
- Alternative investments
- Asset Pricing
- Bankruptcy and liquidation
- Banks and other Depository Institutions
- Behavioral and experimental finance
- Bibliometric and Scientometric studies of finance
- Capital budgeting and corporate investment
- Capital markets and accounting
- Capital structure and payout policy
- Commodities
- Contagion, crises and interdependence
- Corporate governance
- Credit and fixed income markets and instruments
- Derivatives
- Emerging markets
Energy Finance and Energy Markets  
Financial Econometrics  
Financial History  
Financial intermediation and money markets  
Financial markets and marketplaces  
Financial Mathematics and Econophysics  
Financial Regulation and Law  
Forecasting  
Frontier market studies  
International Finance  
Market efficiency, event studies  
Mergers, acquisitions and the market for corporate control  
Micro Finance Institutions  
Microstructure  
Non-bank Financial Institutions  
Personal Finance  
Portfolio choice and investing  
Real estate finance and investing  
Risk  
SME, Family and Entrepreneurial Finance

**AUDIENCE**

The natural audience for Finance Research Letters includes academicians and market professionals in the finance, economics, financial engineering, risk management, and insurance fields. Institutions such as banks, financial management corporations, governmental agencies, and university, research, and special libraries are likely subscribers as well.

**IMPACT FACTOR**

2018: 1.709 © Clarivate Analytics Journal Citation Reports 2019

**ABSTRACTING AND INDEXING**

RePEc  
Gale Academic OneFile  
Current Contents - Social & Behavioral Sciences  
Current Abstracts (EBSCO)  
Gale Infotrac Custom  
Social Sciences Citation Index  
Scopus  
Social Sciences Citation Index

**EDITORIAL BOARD**

**Chief Editors:**  
Jonathan A. Batten, CIMB-UUM, School of Economics, Finance and Banking, Universiti Utara Malaysia, 06010 UUM, Sintok, Kedah Dural Uman, Malaysia  
Narjess Boubakri, American University of Sharjah, School of Business Administration, SBA 2140, 26666, Sharjah, United Arab Emirates  
Samuel Vigne, University of Dublin Trinity College - School of Business, College Green, Dublin, Ireland

**Senior Editors**  
D.J. Cumming, Florida Atlantic University, College of Business, Boca Raton, Florida, United States  
A. Eshraghi, Cardiff University, Cardiff, United Kingdom  
S. Goutte, Université Paris 8, Economics Dept., Paris, France  
Q. Ji, Chinese Academy of Sciences, Beijing, China  
T. Klein, Queen's University, Queen’s Management School, Belfast, United Kingdom  
Y. Li, University of Hull, Hull, United Kingdom
D. Zhang, Southwestern University of Finance and Economics, Chengdu, China

**Associate Editors**

**Actuarial Studies**

W. Chan, The Chinese University of Hong Kong, Business School - Cheng Yu Tung Building, Shatin N.T., Hong Kong
P. Csóka, Corvinus University of Budapest, Budapest, Hungary
R. Hudson, University of Hull, Hull, United Kingdom

**Alternative Investments**

D. Baur, University of Western Australia, UWA Business School, Crawley, Western Australia, Australia
A. M. Fuertes, City University, London, United Kingdom
F. Gogolin, Leeds University Business School, Leeds, United Kingdom
R.A.J. Pownall, Maastricht University, Maastricht, Netherlands

**Asset Pricing**

P. Csóka, Corvinus University of Budapest, Budapest, Hungary
G. Jacoby, University of Manitoba, Winnipeg, Manitoba, Canada
D. Lien, University of Texas at San Antonio, San Antonio, Texas, United States
P. Narayan, Deakin University, Burwood, Australia
N. Wagner, University of Passau, Passau, Germany

**Bankruptcy & Liquidation**

E. Lyandres, Boston University, Boston, Massachusetts, United States

**Bank & other depository institutions**

J. Dwyer, Clemson University, Clemson, South Carolina, United States
F. Irresberger, University of Leeds, Leeds, United Kingdom
C. Larkin, Cardiff Metropolitan University, Cardiff, United Kingdom
B. Lotfalie, San Diego State University, San Diego, California, United States
D. Nguyen, King's College London, London, United Kingdom
B. Sila, The University of Edinburgh, Edinburgh, United Kingdom
A. Srivastav, The University of Edinburgh, Edinburgh, United Kingdom
Q. Wang, Cardiff University, Cardiff, United Kingdom
J. Wilson, Andrews University, Berrien Springs, Michigan, United States

**Behavioural & experimental finance**

Y.G. Muradoğlu, Queen Mary University of London, London, United Kingdom
P. Roger, University of Strasbourg, Strasbourg, France
M. Wang, WHU-Otto Beisheim School of Management, Vallendar, Germany

**Bibliomatic and scientometric studies**

B. Simkins, Oklahoma State University Stillwater, Stillwater, Oklahoma, United States

**Capital budgeting and corporate investment**

K. A. Kim, Tongji University, Shanghai, China
R. Oriani, Guido Carli Free International University of Social Studies, Roma, Italy

**Capital structure and payout policy**

M. Peat, The University of Sydney, Sydney, Australia

**Chinese Financial Markets**

J. Chi, Massey University, Palmerston North, New Zealand
W. Hou, The University of Edinburgh, Edinburgh, United Kingdom
Y.S. Huang, Zhejiang University, Hangzhou, China

**Commodities**

J. Miffre, Audencia Business School, Nantes, France
N. Todorova, Griffith University, Nathan, Australia
T. Walther, University of Saint Gallen School of Management Economics Law Social Sciences and International Affairs, St Gallen, Switzerland
C. W. Wegener, Leuphana University of Lüneburg, Luneburg, Germany

**Contagion, crises and interdependence**

D.K. Nguyen, IPAG Business School Paris Campus, Paris, France
Corporate finance
I. Clacher, University of Leeds, Leeds, United Kingdom
P. Helbing, Leeds University Business School, Leeds, United Kingdom
W. Huang, University of Nottingham - Ningbo China, Ningbo, China
P. Jiraporn, Pennsylvania State University, School of Graduate Professional Studies (SGPS), Malvern, Pennsylvania, United States
S. Mansi, Virginia Tech University, Finance, Falls Church, Virginia, United States
V. Verdoliva, University of Naples Parthenope Department of Management Studies and Quantitative Methods, Napoli, Italy

Corporate governance
D. Arner, The University of Hong Kong, Fact. of Law, Pokfulam, Hong Kong
S. Boubaker, South Champagne Business School Accounting and Finance, Troyes, France
M. Brogi, University of Rome La Sapienza, Roma, Italy
S. Dow, Middlebury Institute of International Studies at Monterey, Monterey, California, United States
K. A. Kim, Tongji University, Shanghai, China

Credit and fixed income markets and instruments
G. Jacoby, University of Manitoba, Winnipeg, Manitoba, Canada
S. Mansi, Virginia Tech University, Finance, Falls Church, Virginia, United States
F.S. Skinner, Brunel University, Uxbridge, United Kingdom

Derivatives
D. Lien, University of Texas at San Antonio, San Antonio, Texas, United States

Energy Finance and Energy Markets
M. Cummins, Dublin City University, Dublin, Ireland
W.L. Megginson, University of Oklahoma Division of Finance, Norman, Oklahoma, United States
P. Narayan, Deakin University, Burwood, Australia
B. Simkins, Oklahoma State University Stillwater, Stillwater, Oklahoma, United States

Financial Econometrics
D. Baur, University of Western Australia, UWA Business School, Crawley, Western Australia, Australia
S. Bekiros, European University Institute Department of Economics, Firenze, Italy
A. M. Fuertes, City University, London, United Kingdom
K. Guesmi, IPAG Business School Paris Campus, Paris, France
O. Henry, University of Liverpool, Liverpool, United Kingdom
P. Narayan, Deakin University, Burwood, Australia
S. Porcher, IAE Paris, Université Paris I Panthéon-Sorbonne, Paris, France
B. Sanhaji, Paris 8 University, St Denis, France
A. Swishchuk, University of Calgary, Calgary, Alberta, Canada

Financial history
G. Campbell, Queen’s University Belfast, Belfast, United Kingdom
J.D. Turner, Queen’s University Belfast, Belfast, United Kingdom

Financial Intermediation and Money Markets
S. Kleimeier, Maastricht University, Maastricht, Netherlands

Financial markets and marketplaces
D. Li, University of Hong Kong, Hong Kong, Hong Kong

Financial mathematics and Econophysics
L. Ballotta, Cass Business School, London, United Kingdom

Financial regulation and law
D. Arner, The University of Hong Kong, Fact. of Law, Pokfulam, Hong Kong
S. Johan, Florida Atlantic University, College of Business, Boca Raton, Florida, United States

Forecasting
S. Bekiros, European University Institute Department of Economics, Firenze, Italy
M. Peat, The University of Sydney, Sydney, Australia

Frontier market studies
S. Neaime, American University of Beirut, Beirut, Lebanon

International Finance
J. Brzeszczyński, Northumbria University, Newcastle Upon Tyne, United Kingdom
H. Sander, Fachhochschule Köln, Faculty of Business, Economics and Law, Köln, Germany

Market efficiency, event studies
A.R. Cowan, Iowa State University, Ames, Iowa, United States
V. Fernandez, Universidad Adolfo Ibáñez, Business School, Santiago, Chile

Markets and instruments
F.S. Skinner, Brunel University, Uxbridge, United Kingdom

Mergers, acquisitions and the market for corporate control
M. Dong, York University, Toronto, Ontario, Canada
L. Renneboog, Tilburg University, Tilburg, Netherlands

Microstructure
M. Goldstein, Babson College, Babson Park, Massachusetts, United States

Non-bank financial institutions
D. Schweizer, Concordia University, Montreal, Quebec, Canada

Personal finance
M. Dowling, Rennes School of Business France, Rennes, France
D. Li, University of Hong Kong, Hong Kong, Hong Kong

Portfolio choice and investing
J. Miffre, Audencia Business School, Nantes, France
R.A.J. Pownall, Maastricht University, Maastricht, Netherlands

Real estate and investing
R.K. Lyons, University of California Berkeley, Berkeley, California, United States
S. Stevenson, University of Reading, Reading, United Kingdom

Risk
P. McConnell, Macquarie University, Sydney, Australia

SME, Family and Entrepreneurial Finance
A. Schwienbacher, Lille Catholic University, Lille, France
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.

Submission fee
There is a submission fee of USD $120.00. Submissions will only be considered after payment of the submission fee via SubmissionStart. Submission fee is non-refundable and a paper may be rejected by the Editor without being sent for review, should a paper be inconsistent with the Aims and Scope of the Journal as set out on the Journal website, or not adhere to the style requirements as outlined in the Guide for Authors. The submission fees are used to support journal related activities.

Review Process
Submitted papers are first considered by one of the three Editors-in-Chief and then allocated to a Handling Editor, which may be the Editor or an Associate Editor who is a specialist on that topic. Papers that are not desk rejected are then typically sent out to two referees. If one or more of these turns down the invitation to provide a review, other referees will subsequently be appointed. Normally, at least two authoritative reviews are needed before the Handling Editor can make a decision (or recommendation to the Editor, if the Handling Editor is an Associate Editor) as to whether to accept, reject, or ask for a revision of the submitted paper. However, in some cases only one review will be obtained. In other cases, should the Editor in charge of a manuscript not be in agreement with the outcome of the reviews (or parts of them), s/he may retain the right to send the paper for a final round of review to clear any doubts on the quality of the paper and its results, methodology, and approach. In all cases, it is up to the Editor in charge of that manuscript to make a final decision.

Appeals
Appeals against a Chief Editor's decision can be made for a fee of $240 USD via Submission Start. Any such appeal should take the form of a document describing the errors that you perceive in the review process and an explanation of how their resolution could change the editor's decision. This document, your paper and all its reviews and related decisions will then be sent to one independent referee whose decision will be final and cannot be appealed against.

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**
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.

**Preprints**
Please note that preprints can be shared anywhere at any time, in line with Elsevier's sharing policy. Sharing your preprints e.g. on a preprint server will not count as prior publication (see 'Multiple, redundant or concurrent publication' for more information).

**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').

**Changes to authorship**
Authors are expected to consider carefully the list and order of authors before submitting their manuscript and provide the definitive list of authors at the time of the original submission. Any addition, deletion or rearrangement of author names in the authorship list should be made only before the manuscript has been accepted and only if approved by the journal Editor. To request such a change, the Editor must receive the following from the corresponding author: (a) the reason for the change in author list and (b) written confirmation (e-mail, 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. Only in exceptional circumstances will the Editor consider the addition, deletion or rearrangement of authors after the manuscript has been accepted. While the Editor considers the request, publication of the manuscript will be suspended. If the manuscript has already been published in an online issue, any requests approved by the Editor will result in a corrigendum.
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.

Funding body agreements and policies
Elsevier has established a number of agreements with funding bodies which allow authors to comply with their funder's open access policies. Some funding bodies will reimburse the author for the gold open access publication fee. Details of existing agreements are available online.

Open access
This journal offers authors a choice in publishing their research:

Subscription
• Articles are made available to subscribers as well as developing countries and patient groups through our universal access programs.
• No open access publication fee payable by authors.
• The Author is entitled to post the accepted manuscript in their institution's repository and make this public after an embargo period (known as green Open Access). The published journal article cannot be shared publicly, for example on ResearchGate or Academia.edu, to ensure the sustainability of peer-reviewed research in journal publications. The embargo period for this journal can be found below.

Gold open access
• Articles are freely available to both subscribers and the wider public with permitted reuse.
• A gold open access publication fee is payable by authors or on their behalf, e.g. by their research funder or institution.

Regardless of how you choose to publish your article, the journal will apply the same peer review criteria and acceptance standards.

For gold open access articles, permitted third party (re)use is defined by the following Creative Commons user licenses:
Creative Commons Attribution (CC BY)
Let's others distribute and copy the article, create extracts, abstracts, and other revised versions, adaptations or derivative works of or from an article (such as a translation), include in a collective work (such as an anthology), text or data mine the article, even for commercial purposes, as long as they credit the author(s), do not represent the author as endorsing their adaptation of the article, and do not modify the article in such a way as to damage the author's honor or reputation.

Creative Commons Attribution-NonCommercial-NoDerivs (CC BY-NC-ND)
For non-commercial purposes, let's others distribute and copy the article, and to include in a collective work (such as an anthology), as long as they credit the author(s) and provided they do not alter or modify the article.

The gold open access publication fee for this journal is USD 1250, excluding taxes. Learn more about Elsevier's pricing policy: https://www.elsevier.com/openaccesspricing.

Green open access
Authors can share their research in a variety of different ways and Elsevier has a number of green open access options available. We recommend authors see our open access page for further information. Authors can also self-archive their manuscripts immediately and enable public access from their institution’s repository after an embargo period. This is the version that has been accepted for publication and which typically includes author-incorporated changes suggested during submission, peer review and in editor-author communications. Embargo period: For subscription articles, an appropriate amount of time is needed for journals to deliver value to subscribing customers before an article becomes freely available to the public. This is the embargo period and it begins from the date the article is formally published online in its final and fully citable form. Find out more.

This journal has an embargo period of 24 months.

An adapted embargo period of 12 months will apply for UK researchers who are grant recipient from the Research Council UK, Wellcome Trust, Higher Education Funding Council for England, and who wish to self-archive their accepted author manuscript. For more information, please follow this link.

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 WebShop.

Submission
Our online submission system guides you stepwise through the process of entering your article details and uploading your files. The system converts your article files to a single PDF file used in the peer-review process. Editable files (e.g., Word, LaTeX) are required to typeset your article for final publication. All correspondence, including notification of the Editor's decision and requests for revision, is sent by e-mail.

Manuscripts cannot exceed 2500 words. This includes only the body of the text and excludes references, tables, and art. The total length of your paper including any references, tables, and figures cannot exceed 14 pages.

Submit your article
Please submit your article via http://ees.elsevier.com/frl.

Referees
Please submit the names and institutional e-mail addresses of several potential referees. For more details, visit our Support site. Note that the editor retains the sole right to decide whether or not the suggested reviewers are used.

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.

Please ensure the text of your paper is double-spaced - this is an essential peer review requirement.

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 single 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 one independent expert reviewer 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.

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.

IMPORTANT NOTE: revised papers which have originally been submitted in EES should be resubmitted in EES and not in EVISE; please login to EES using your credentials and you will be able to find the submission in the "Incomplete Submissions Being Revised" folder and please click on "Edit Revision" to complete the revision process. If you require any further assistance, please do not hesitate to contact the Journal Manager, at frl@elsevier.com.

LaTeX
You are recommended to use the Elsevier article class elsarticle.cls to prepare your manuscript and BibTeX to generate your bibliography.

Our LaTeX site has detailed submission instructions, templates and other information.

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.

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.

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. They consist of a short collection of bullet points that convey the core findings of the article and 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). You can view example Highlights on our information site.

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.

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.
Classification codes
Please provide up to 6 standard JEL codes. The available codes may be accessed at JEL.

Abbreviations
Define abbreviations that are not standard in this field in a footnote to be placed on the first page of the article. Such abbreviations that are unavoidable in the abstract must be defined at their first mention there, as well as in the footnote. Ensure consistency of abbreviations throughout the article.

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 JPG): Color or grayscale photographs (halftones): always use a minimum of 300 dpi.
TIFF (or JPG): Bitmapped line drawings: use a minimum of 1000 dpi.
TIFF (or JPG): Combinations bitmapped line/half-tone (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.

References in a special issue
Please ensure that the words 'this issue' are added to any references in the list (and any citations in the text) to other articles in the same Special Issue.

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/finance-research-letters

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:

Reference style
Text: 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 can be listed either first alphabetically, then chronologically, or vice versa.

Examples: 'as demonstrated (Allan, 2000a, 2000b, 1999; Allan and Jones, 1999).... Or, as demonstrated (Jones, 1999; Allan, 2000).... Kramer et al. (2010) 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:
Reference to a journal publication:
Reference to a journal publication with an article number:
Reference to a book:
Reference to a chapter in an edited book:
Reference to a website:

Reference to a dataset:

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.

Supplementary material
Supplementary material such as applications, images and sound clips, can be published with your article to enhance it. Submitted supplementary items are published exactly as they are received (Excel or PowerPoint files will appear as such online). Please submit your material together with the article and supply a concise, descriptive caption for each supplementary file. If you wish to make changes to supplementary material during any stage of the process, please make sure to provide an updated file. Do not annotate any corrections on a previous version. Please switch off the 'Track Changes' option in Microsoft Office files as these will appear in the published version.

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
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 Webshop. 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