DESCRIPTION

*Rangelands* is a full-color publication of the Society for Range Management and is published six times per year in February, April, June, August, October, and December. Each peer-reviewed issue of Rangelands features articles on the state of rangeland science (quantitative and qualitative), art, management, technology, policy, economics, education (formal and informal), society and culture; along with book reviews, highlights from the relevant scientific literature, and society news. Additionally, readers may find youth, rancher, and international forums. The journal provides readers relevant information founded in the current rangeland science and management knowledge base in a user-friendly, non-technical format. Rangelands is intended for a wide-range of individuals including educators, students, rangeland owners and managers, researchers, and policy leaders.

If you are a member of the Society for Range Management, please read here for more information about how to access the journals.

AUDIENCE

Educators, students, rangeland owners and managers, researchers, and policy leaders

EDITORIAL BOARD

*Editor-in-Chief*

Jason W. Karl, University of Idaho, Moscow, Idaho, USA

*Steering Committee*

J. Brown, New Mexico State University, La Cruces, New Mexico, USA
M. Brunson, Utah State University, Logan, USA
D. Engle, Oklahoma State University, Stillwater, Oklahoma, USA
M. George, University of California, Davis, Davis, California, USA
C. Glidewell, Oklahoma State University, Ardmore, Oklahoma, USA
A. Hild, University of Wyoming, Laramie, Wyoming, USA
J. Johanson, United States Department of Agriculture (USDA), Monroe, Utah, USA
J. Tanaka, University of Wyoming, Laramie, Wyoming, USA
J. Thorpe, JT Land & Cattle, Newkirk, New Mexico, USA
GUIDE FOR AUTHORS

INTRODUCTION

Audience
The audience for Rangelands is broader than most scientific research journals—from ranchers and range conservation practitioners to policy makers to students to academic and government researchers. Submissions for publication should be less technical in nature and germane to the broad field of range science and management. We strive to have our articles be more accessible and more contextualized than one would find in a more traditional journal that publishes straight-up scientific research. We encourage authors to use the active voice, no jargon, visual representations of their work and not get too technical with the methods, measurements, formulas, etc.—we’re more interested in the “so what?”. However, articles should still be supported by evidence and the knowledge base of our field—they should be factual and logical and opinions and experiences contextualized as such. Previous issues have included: Scientific, technical, and management articles Historical articles Youth forums International forums Technology forums Policy forums Essays Viewpoints Success stories Letters to the Editor/Responses

Types of article
Rangelands provides a forum for the presentation and discussion of facts, ideas, and philosophies pertaining to the state of rangeland science (quantitative and qualitative), art, management, technology, policy, economics, education (formal and informal), society, and culture. Research Articles report findings from qualitative and quantitative research in variety of rangeland disciplines. Technical Notes are short papers reporting new techniques and technologies, including those that are conceptual and qualitative. Research Notes are short papers reporting research results of immediate interest. Notes are intended to foster communication on emerging research topics and concepts. Columns are regularly published pieces by select authors on a variety of topics. Forums are conceptual in nature and provide an informative summary of contemporary topics or alternative views of contentious issues. These can focus on a variety of topics including management, policy, education, society, and culture. Letter to the Editors provide an opportunity for readers to comment on any topic of interest or concern to the SRM community. The Editor reserves the right to reject any letter unsuitable for publication or to edit the text to conform to style and available space. SRM Activities may be published to inform the membership of past or upcoming activities of the society. These may include synopses of previous symposia or workshops at the SRM Annual Meeting or other events or articles highlighting the natural and human history or rangeland research of the site of an upcoming SRM Annual Meeting. Viewpoints may outline innovative theories, discuss old ideas that deserve to be revisited in light of new information, or provide interesting commentaries on a “hot topic.” Historical Articles provide a retrospective look at rangeland science, management, policy, education, and culture.

Contact details for submission
Questions or concerns regarding Rangelands submissions should be sent to:

Eva Levi, Ph.D.
Managing Editor, Rangelands
evamarie@email.arizona.edu

Jason Karl, Ph.D.
Editor-in-Chief, Rangelands
Associate Professor & Heady Endowed Chair of Rangeland Ecology
Department of Forestry, Rangeland, and Fire Sciences
University of Idaho
Moscow, ID
208-885-0255
jkarl@uidaho.edu

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](#).

*Studies in humans and animals*
If the work involves the use of human subjects, the author should ensure that the work described has been carried out in accordance with [The Code of Ethics of the World Medical Association (Declaration of Helsinki)](#) for experiments involving humans. The manuscript should be in line with the [Recommendations for the Conduct, Reporting, Editing and Publication of Scholarly Work in Medical Journals](#) and aim for the inclusion of representative human populations (sex, age and ethnicity) as per those recommendations. The terms sex and gender should be used correctly.

Authors should include a statement in the manuscript that informed consent was obtained for experimentation with human subjects. The privacy rights of human subjects must always be observed.

All animal experiments should comply with the [ARRIVE guidelines](#) and should be carried out in accordance with the [U.K. Animals (Scientific Procedures) Act, 1986](#) and associated guidelines, [EU Directive 2010/63/EU for animal experiments](#), or the National Institutes of Health guide for the care and use of Laboratory animals (NIH Publications No. 8023, revised 1978) and the authors should clearly indicate in the manuscript that such guidelines have been followed. The sex of animals must be indicated, and where appropriate, the influence (or association) of sex on the results of the study.

*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').

**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)**
Lets 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, lets 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.

**Access options and author charges**

**IMPORTANT INFORMATION!!**

This journal offers authors a choice in publishing their research:

**Subscription**
Articles are made accessible to subscribers as well as developing countries through our access programs ([http://www.elsevier.com/access](http://www.elsevier.com/access)) Page charges - The Society depends on the payment of page charges to offset the cost of publication. Payment of $100.00/printed page (excluding relevant taxes where applicable) is required for members and non-members. Members receive a discount of $20.00/printed page (excluding relevant taxes where applicable) for the first three pages. No open access publication fee applies.

**Open access**
Articles are freely available to both subscribers and the wider public via the ScienceDirect platform with permitted reuse. An open access publication fee is payable by authors or their research funder. Charges to make articles open access are $1350.00 (excluding relevant taxes where applicable) for members and $1500.00 (excluding relevant taxes where applicable) non-members. Authors who opt for open access do not pay regular page charges.
All articles published open access will be immediately and permanently free for everyone to read and download. Permitted reuse is defined by your choice of one of the following Creative Commons user licenses:

**Creative Commons Attribution-NonCommercial-NoDerivs (CC BY-NC-ND):** for non-commercial purposes, lets 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.

Elsevier has established agreements with funding bodies, [http://www.elsevier.com/fundingbodies](http://www.elsevier.com/fundingbodies). This ensures authors can comply with funding body open access requirements, including specific user licenses, such as CC BY. Some authors may also be reimbursed for associated publication fees. If you need to comply with your funding body policy, you can apply for the CC BY license after your manuscript is accepted for publication.

To provide open access, this journal has a publication fee which needs to be met by the authors or their research funders for each article published open access. Your publication choice will have no effect on the peer review process or acceptance of submitted articles.

The gold open access publication fee for this journal is **USD 1500**, excluding taxes. Learn more about Elsevier's pricing policy: [https://www.elsevier.com/openaccesspricing](https://www.elsevier.com/openaccesspricing).

**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.

Articles in *Rangelands* are peer reviewed for both technical content and writing style. While this is a different level of review than used for publication of new scientific research, it is still a comprehensive review to ensure the quality of the information presented in *Rangelands*. The review is conducted by the Editor-in-Chief, an Associate Editor (often a member of the *Rangelands* Editorial Board), and at least two anonymous reviewers who have expertise in the topic area and similar knowledge and experience to the authors.

**Submit your article**

Please submit your article via [https://www.evise.com/profile/#/rala/login](https://www.evise.com/profile/#/rala/login).

**PREPARATION**

**Writing style**

Manuscripts for *Rangelands* should be written accurately, clearly, and concisely. Articles can convey technical information, but should be written in a non-technical style. The writing style for *Rangelands* articles is not the writing style used in scientific journals like *Rangeland Ecology & Management (REM)*. Submission of a manuscript to *Rangelands* in REM format could result in rejection or request for major revision of the manuscript, at the editor's discretion.

The language of *Rangelands* should be clear and accessible throughout, especially when tackling the more complex aspects of a subject. Below are some guidelines for writing articles for *Rangelands*: Use the active instead of the passive voice, and shorter sentences rather than longer ones. Ask yourself if your piece will be interesting and clearly understandable to readers from other specialties. Pick commonly used words rather than complex technical terms. Write concisely, avoiding filler (e.g., "The fact that" and "In order to"). Briefly and clearly explain technical concepts and terms as soon as they arise. Break the text up into paragraphs of no more than a few hundred words, and add short, imaginative subsection headings whenever the subject changes, or simply to avoid overlong blocks of text. Give the scientific name (genus and species, in parentheses and italics) of a species the first time it is used, in addition to its common name, which should then be used throughout the text. Spell
out all acronyms unfamiliar to the general reader (including those not in the USA) at first mention, putting the acronym in parentheses and using it from then on. Include specific details such as names, places, and numbers when appropriate and permissible.

**On The Ground**

Each article is introduced by an "On the Ground" summary that presents bullets highlighting the "so what" of the article and key words for the article. "On the Ground" is not an abstract, but a quick summary of how the information presented in the article is useful for folks "on the ground"—land managers, agency personnel, practitioners, etc. Please include the On the Ground bullets as a separate page at the end of your manuscript.

**To start**

For many people, writing concisely in a non-technical format is not easy. One of the most important items to remember is "who is going to read the article?" Most readers of *Rangelands* read it at their leisure and want to be able to assimilate the information of an article in a single reading.

Here are some methods to start the writing process and keep articles interesting and easy to understand: Look for unique ways to structure your article rather than the standard scientific paper approach. Start by thinking about how you would tell the story/information if you were telling it to a friend. Use "hooks" to keep people engaged in what you want them to take away. You may want to mix scenes describing aspects of your story and the people in them with facts. Ask yourself the following questions: What is my story about? The one thing I want my reader to know/feel/do is... (fill in the blank) ... What message are you trying to present to your target audience? Once you've answered that question, you've got your “purpose” for the story. This is the most important information you should focus on conveying to the reader. Once you have written your article, re-read your last paragraph and consider it for your first (often it is in this paragraph where authors who are used to ending with a conclusion get to the point). Read your article out-loud, if you stumble on something, go back and re-work it.

**Use of word processing software**

It is important that the file be saved in the native format of the word processor used. The text should be in single-column format. Keep the layout of the text as simple as possible. Most formatting codes will be removed and replaced on processing the article. In particular, do not use the word processor's options to justify text or to hyphenate words. However, do use bold face, italics, subscripts, superscripts etc. When preparing tables, if you are using a table grid, use only one grid for each individual table and not a grid for each row. If no grid is used, use tabs, not spaces, to align columns. The electronic text should be prepared in a way very similar to that of conventional manuscripts (see also the Guide to Publishing with Elsevier). Note that source files of figures, tables and text graphics will be required whether or not you embed your figures in the text. 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**

*Rangelands* manuscripts should be 2000–4000 words long and contain no more than 15–20 citations. Manuscripts should be in English and use American spelling (e.g., behavior, recognize, gray, color). Authors should attempt to minimize jargon; *Rangelands* is intended for a wide range of individuals including educators at all levels, students, rangeland owners and managers, researchers, and policy leaders. Writing style must be crisp, concise, and accessible, and should avoid or explain all terminology that might be unfamiliar to a multidisciplinary readership. Articles will be peer reviewed and should be supported by evidence and the body of knowledge of the field. Opinions and experiences not supported by previously published research or evidence presented must be clearly contextualized as opinions or experiences.

**Subdivision - unnumbered sections**

Divide your article into clearly defined sections. Each subsection is given a brief heading. Each heading should appear on its own separate line. Subsections should be used as much as possible when cross-referencing text: refer to the subsection by heading as opposed to simply 'the text'.

**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 lowercase 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.

**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.

**Footnotes**

Footnotes should be used sparingly. Number them consecutively throughout the article. Many word processors can build footnotes into the text, and this feature may be used. Otherwise, please indicate the position of footnotes in the text and list the footnotes themselves separately at the end of the article. Do not include footnotes in the Reference list.

**Artwork**

**General points**

- Make sure you use uniform lettering and sizing of your original artwork.
- Embed the used fonts if the application provides that option.
- Aim to use the following fonts in your illustrations: Arial, Courier, Times New Roman, Symbol, or use fonts that look similar.
- Number the illustrations according to their sequence in the text.
- Use a logical naming convention for your artwork files.
- Provide captions to illustrations separately.
- Size the illustrations close to the desired dimensions of the printed version.
Submit each illustration as a separate file. A detailed guide on electronic artwork is available on our website:
http://www.elsevier.com/artworkinstructions

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

Formats
If your electronic artwork is created in a Microsoft Office application (Word, PowerPoint, Excel) then please supply 'as is' in the native document format. Regardless of the application used other than Microsoft Office, 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, half-tones, and line/halftone combinations given below):

- EPS (or PDF): Vector drawings, embed all used fonts.
- TIFF (or JPEG): Color or grayscale photographs (half-tones), keep to a minimum of 300 dpi.
- TIFF (or JPEG): Bitmapped (pure black & white pixels) line drawings, keep to a minimum of 1000 dpi.
- TIFF (or JPEG): Combinations bitmapped line/half-tone (color or grayscale), keep to a minimum of 500 dpi.

Please do not:
- Supply files that are optimized for screen use (e.g., GIF, BMP, PICT, WPG); these typically have a low number of pixels and limited set of colors;
- Supply files that are too low in resolution;
- Submit graphics that are disproportionately large for the content. The Editor has the authority to reject a visual that does not have a professional appearance and/or will not be suitable when published.

Photographs
Authors who have photographs of rangelands that are particularly attractive or interesting may suggest these be used on the cover of the issue of Rangelands in which the paper will appear. Submit possible cover images to the Editor. Figures and cover images should be CMYK and at the highest possible quality (300 dpi at 8½ × 11 in. print size, 2550 × 3300 pixels). Authors may be contacted for better files if those submitted are unacceptable.

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. Color illustrations are free of charge to the authors in Rangelands. For further information on the preparation of electronic artwork, please see http://www.elsevier.com/artworkinstructions.

Illustration services
Elsevier's WebShop offers Illustration Services to authors preparing to submit a manuscript but concerned about the quality of the images accompanying their article. Elsevier's expert illustrators can produce scientific, technical and medical-style images, as well as a full range of charts, tables and graphs. Image 'polishing' is also available, where our illustrators take your image(s) and improve them to a professional standard. Please visit the website to find out more.

Figure captions
Ensure that each illustration has a caption. Supply captions separately, not attached to the figure. 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 style
References in Rangelands articles should be identified by superscript number in the text in order of appearance and then a list of citations for these references included at the end of the text in order of appearance. If citing a URL, please include the date on which you accessed that URL. Below are some example formats for citing various types of literature:

**Journal article:**

**Book:**

**Chapter in an edited book:**

**Website:**

**Video**
Elsevier accepts video material and animation sequences to support and enhance your scientific research. Authors who have video or animation files that they wish to submit with their article are strongly encouraged to include links to these within the body of the article. This can be done in the same way as a figure or table by referring to the video or animation content and noting in the body text where it should be placed. All submitted files should be properly labeled so that they directly relate to the video file's content. In order to ensure that your video or animation material is directly usable, please provide the file in one of our recommended file formats with a preferred maximum size of 150 MB per file, 1 GB in total. Video and animation files supplied will be published online in the electronic version of your article in Elsevier Web products, including ScienceDirect. Please supply 'stills' with your files: you can choose any frame from the video or animation or make a separate image. These will be used instead of standard icons and will personalize the link to your video data. For more detailed instructions please visit our video instruction pages. Note: since video and animation cannot be embedded in the print version of the journal, please provide text for both the electronic and the print version for the portions of the article that refer to this content.
**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.

**MethodsX**

You have the option of converting relevant protocols and methods into one or multiple MethodsX articles, a new kind of article that describes the details of customized research methods. Many researchers spend a significant amount of time on developing methods to fit their specific needs or setting, but often without getting credit for this part of their work. MethodsX, an open access journal, now publishes this information in order to make it searchable, peer reviewed, citable and reproducible. Authors are encouraged to submit their MethodsX article as an additional item directly alongside the revised version of their manuscript. If your research article is accepted, your methods article will automatically be transferred over to MethodsX where it will be editorially reviewed. Please note an open access fee is payable for publication in MethodsX. Full details can be found on the MethodsX website. Please use this template to prepare your MethodsX article.
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

Proofs
One set of page proofs (as PDF files) will be sent by e-mail to the corresponding author (if we do not have an e-mail address then paper proofs will be sent by post) or, a link will be provided in the e-mail so that authors can download the files themselves. Elsevier now provides authors with PDF proofs which can be annotated; for this you will need to download the free Adobe Reader, version 9 (or higher). Instructions on how to annotate PDF files will accompany the proofs (also given online). The exact system requirements are given at the Adobe site.
If you do not wish to use the PDF annotations function, you may list the corrections (including replies to the Query Form) and return them to Elsevier in an e-mail. Please list your corrections quoting line number. If, for any reason, this is not possible, then mark the corrections and any other comments (including replies to the Query Form) on a printout of your proof and scan the pages and return via e-mail. 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. We will do everything possible to get your article published quickly and accurately. 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