DESCRIPTION

Motivation for *Global Food Security* arose from concern about the difficulty for scientists and policy makers to keep up with the expanding volume of information published about the challenge of ensuring food systems are meeting human food and nutritional requirements while protecting the environment, securing livelihoods, mitigating against climate change, and ensuring equity.

Global Food Security aims to publish papers that contribute to better understanding of economic, social, biophysical, technological, and institutional drivers of current and future global food security, nutrition and food systems. It aims to stimulate debate that is rooted in strong science, has strong interdisciplinary connections, and recognizes trade-offs that often occur as a result of reconciling competing objectives and outcomes that may differ depending on spatial and temporal scale.

While integration across academic disciplines is encouraged, papers on components of Global Food Security will also be considered if they address important constraints and have a broad inference space. The goal is to publish concise and timely reviews and synthesis articles about research on following elements of food security and food systems:

- Food availability (sufficient quantity and quality)
- Food access (economic and physical access, functioning markets and food environments)
- Food safety, nutrition and sanitation
- Stability, environment and climate change (resilience and ecosystem services)

The type of articles the Journal publishes is:

- Strategic views of experts from a wide range of disciplinary perspectives on prospects for ensuring food security and nutrition, based on the best available science, in a clear and readable form for a wide audience, bridging the gap between biological, social and environmental sciences.
- Reviews, opinions and debates that synthesize, extend and critique research approaches and findings from the rapidly growing body of original publications on global food security, nutrition and food systems.

Distinguishing features of *Global Food Security* content are:

- issues that contain several papers that address specific, timely topics of importance to food security, nutrition and food systems;
- authors who are recognized authorities in their field;
- a focus on food security, nutrition and food systems challenges in an interdisciplinary manner and at national to global scales; and
- a focus on challenging current paradigms, seeking to provide out-of-the-box thinking on global issues.
Given this focus, *Global Food Security* is considered an invaluable source of information for researchers, lecturers, teachers, students, professionals, policy makers and the international media.

**Types of Articles**

**Review papers** (The majority of the papers published in this journal)
- Addresses an issue related to agriculture, nutrition, or the environment of relevance to global food security, nutrition and/or food systems as defined on the journal web site.
- Preferably multidisciplinary and relatively non-technical so it is does not require deep disciplinary knowledge to understand, but we strongly recommend that authors consider standardized, systematic approaches such as ROSES or PRISMA.
- Not country specific although exceptions may be made for very large countries on issues that impact global food security and nutrition, or for a review of a country experience that is highly relevant to other countries.
- 5500 word limit.
- Please choose Article Type "Review" in EVISE when submitting your article.

**Original research**
- Addresses an issue related to agriculture, nutrition, or the environment of relevance to food security, nutrition and/or food systems as currently defined on the journal web site.
- Preferably multidisciplinary and relatively non-technical so it is does not require deep disciplinary knowledge to understand (e.g., avoids complex econometrics or crop models).
- Results that can be summarized in a few simple tables or figures. More detailed results may be included in supplementary materials.
- Not country specific but covers multiple countries, a region, or the world. Papers on a large country that explores links to global food security may be considered.
- 5500 word limit.
- Please choose Article Type FLA "Invited Research Article" in EVISE when submitting your article.

**Perspectives**
- Addresses an emerging topic or debate on global food security, nutrition and/or food systems.
- Various types:
  † Builds on a major body of work in which the author has been involved, such as an international panel report, conference, or a major study;
  † Questions conventional wisdom through an evidence-based approach; and
  † Outlines gaps in our knowledge and needed research.
- Authored by a well-known authority on the subject.
- Light and timely review, often by the Editors.
- 2500 word limit.
- Please choose Article Type SSU "Perspective Article" in EVISE when submitting your article.

**Special issues**
- Requires a proposal with a one-page rationale for the issue, the names and bios of the guest editors, and the authors, titles and abstracts of proposed papers.
- Well-recognized guest editors with a good publication record.
- Topic of importance to global food security, nutrition and/or food systems with global or regional coverage.
- Papers may be reviews or original research as defined above.
- Maximum of 12 published papers per issue.
- 5500 word limit per paper plus an overview of about 2500 words. If you have an idea for a review or a Special Issue please submit a short proposal describing the issues to be covered and the substance behind the analysis to the Editor-in-Chief, Jessica Fanzo at jfanzo1@jhu.edu.

**AUDIENCE**

Academics and practitioners involved in work related to food security, in particular agricultural and food scientists, agricultural and development economists, nutritionists, political scientists, sociologists, and public policy analysts.
IMPACT FACTOR

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PURPOSE AND AIMS
Motivation for *Global Food Security* arose from concern about the difficulty for scientists and policy makers to keep up with the expanding volume of information published about the challenge of ensuring food systems are meeting human food and nutritional requirements while protecting the environment, securing livelihoods, mitigating against climate change, and ensuring equity.

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TYPES OF ARTICLES

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(The majority of the papers published in this journal)Addresses an issue related to agriculture, nutrition, or the environment of relevance to global food security, nutrition and/or food systems as defined on the journal web site. Preferably multidisciplinary and relatively non-technical so it is does not require deep disciplinary knowledge to understand, but we strongly recommend that authors consider standardized, systematic approaches such as ROSES or PRISMA. Not country specific although exceptions may be made for very large countries on issues that impact global food security and nutrition, or for a review of a country experience that is highly relevant to other countries. 5500 word limit. Please choose Article Type "Review" in EVISE when submitting your article.

Original research
Addresses an issue related to agriculture, nutrition, or the environment of relevance to food security, nutrition and/or food systems as currently defined on the journal web site. Preferably multidisciplinary and relatively non-technical so it is does not require deep disciplinary knowledge to understand (e.g., avoids complex econometrics or crop models). Results that can be summarized in a few simple tables or figures. More detailed results may be included in supplementary materials. Not country specific.
but covers multiple countries, a region, or the world. Papers on a large country that explores links to global food security may be considered. 5500 word limit. Please choose Article Type FLA "Invited Research Article" in EVISE when submitting your article.

**Perspectives**

Addresses an emerging topic or debate on global food security, nutrition and/or food systems. Various types: Builds on a major body of work in which the author has been involved, such as an international panel report, conference, or a major study; Questions conventional wisdom through an evidence-based approach; and Outlines gaps in our knowledge and needed research. Authored by a well-known authority on the subject. Light and timely review, often by the Editors. 2500 word limit. Please choose Article Type SSU "Perspective Article" in EVISE when submitting your article.

**Special issues**

Requires a proposal with a one-page rationale for the issue, the names and bios of the guest editors, and the authors, titles and abstracts of proposed papers. Well-recognized guest editors with a good publication record. Topic of importance to global food security, nutrition and/or food systems with global or regional coverage. Papers may be reviews or original research as defined above. Maximum of 12 published papers per issue. 5500 word limit per paper plus an overview of about 2500 words.

If after reviewing these criteria you are interested in submitting an article to the journal, please send an abstract to the Editor-in-Chief: Jessica Fanzo, jfanzo1@jhu.edu.

**BEFORE YOU BEGIN**

**Ethics in publishing**

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

**Declaration of interest**

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**SUBMISSION**

Submissions to *Global Food Security* are by invitation only. If you have an idea for a review that you would like to write please submit this to the Editor-in-Chief, Jessica Fanzo at jfanzo1@jhu.edu.

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

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.
Preparation

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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 two independent expert reviewers to assess the scientific quality of the paper. The Editor is responsible for the final decision regarding acceptance or rejection of articles. The Editor’s decision is final. More information on types of peer review.

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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, bold face, italics, subscripts, superscripts etc. can be used. Do not embed "graphically designed" equations or tables but prepare these using the word processor's facility. When preparing tables, if you are using a table grid, use only one grid for each individual column and not a grid for each row. If no grid is used, use tabs, not spaces, to align columns. Do not import the figures into the text file but, instead, indicate their approximate locations directly in the electronic text just like the location of tables. See also the section on Electronic illustrations.

To avoid unnecessary errors, you are strongly advised to use the "spell-check" and "grammar-check" functions of your word processor.

Manuscripts should be prepared with numbered lines, with wide margins and double spacing throughout, i.e. also for abstracts and references. Every page of the manuscript must be numbered, including the title page, references, tables, etc. Avoid excessive use of italics to emphasize part of the text.

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The general length limit of the text is 5500 words or less for reviews and original research papers (excluding references, any appendices, tables and figure captions). Perspective papers should be 2500 words or less. Papers longer than this will be returned to the author with a request to reduce the text to the required length and resubmit. The total number of references is suggested not to exceed 50.

Article structure

Title

Titles should be short and enticing (no more than ten words). (See also below: Essential title page information)

Organisation

The Introduction should be aimed at a non-specialist audience. Please indicate the timeliness and rationale for your article (i.e. why the subject is important; why now). Use concise logical Subheadings and provide clear links between sections. Please end with a brief summary of your article, a strong take-home message and include a clear indication of future work.

Text Box

Ideal for providing explanations of basic concepts or theories, giving detailed mechanisms or discussing case studies. Text Boxes can occasionally contain small figures and tables. Length, 400 words maximum per Text Box (refs. to be listed in main reference list only). No more than 4 Text Boxes per article.

Subdivision - numbered sections

Divide your article into clearly defined and numbered sections. The abstract is not included in section numbering, so the Introduction is section 1. Subsections should also be numbered (for instance 2.1 (then 2.1.1, 2.1.2, 2.2, etc.) Do not use more than three levels of numbering. Use the section numbering also for internal cross-referencing, if necessary. Any subsection should be given a brief heading. Each heading should appear on its own separate line.
Abstract
All reviews should be prefaced by an abstract of 100-120 words. The abstract is important: it should contain sufficient information for the reader to be able to appreciate the relevance of the full article when read alone. It should include background information and specific examples of recent advances, rather than promises that a particular subject 'will be discussed' - the scope of the review should instead appear at the end of the introduction. References should not be included. Abbreviations should be avoided as far as possible.

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

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Define abbreviations that are not standard in this field in the text at first use. Ensure consistency of abbreviations throughout the article.

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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].

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For chemical nomenclature, the conventions of the *International Union of Pure and Applied Chemistry* and the official recommendations of the *IUPAC-IUB Combined Commission on Biochemical Nomenclature* should be followed.

**Math formulae**

Present simple formulae in the line of normal text where possible. In principle, variables are to be presented in italics.

Subscripts and superscripts should be clear.

Greek letters and other non-Roman or handwritten symbols should be explained in the margin where they are first used. Take special care to show clearly the difference between zero (0) and the letter O, and between one (1) and the letter l.

Give the meaning of all symbols immediately after the equation in which they are first used. For simple fractions use the solidus (/) instead of a horizontal line.

Equations should be numbered serially at the right-hand side in parentheses. In general only equations explicitly referred to in the text need be numbered.

The use of fractional powers instead of root signs is recommended. Also powers of e are often more conveniently denoted by exp.

Levels of statistical significance which can be mentioned without further explanation are: * $P < 0.05$, ** $P < 0.01$ and *** $P < 0.001$.

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