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Global Journal of Agriculture, Forestry, and Food Systems

A QUARTERLY PEER-REVIEWED
INTERNATIONAL RESEARCH JOURNAL



SUSTAINABLE
AGRICULTURE



RESPONSIBLE
FORESTRY



RESILIENT
FOOD SYSTEMS



STRONGER COMMUNITIES
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Global Journal of Agriculture, Forestry, and Food Systems (GLOAFFS)

About the Journal

The **Global Journal of Agriculture, Forestry, and Food Systems (GLOAFFS)** is a **quarterly, peer-reviewed, international print and online research journal** dedicated to the advancement of knowledge in **agriculture, fisheries, forestry, agribusiness, food systems, and sustainability sciences**. It is published by **ETCOR Educational Research Center Research Consultancy Services**, located in **Sta. Ana, Pampanga, Philippines**.

GLOAFFS serves as a global platform for **agricultural scientists, foresters, fisheries experts, agribusiness researchers, food systems analysts, policymakers, and interdisciplinary scholars** to disseminate high-quality empirical, experimental, policy-oriented, and practice-based research that supports sustainable food production, natural resource management, and rural development.

The journal is committed to maintaining **rigorous scientific standards, ethical research practices, and global visibility** through **international indexing, Crossref DOI registration, and print and electronic ISSN accreditation**.

Aims and Scope

Aims

GLOAFFS aims to:

1. Promote high-quality research in agriculture, forestry, fisheries, and food systems
2. Advance sustainable and climate-resilient agricultural and forestry practices
3. Encourage interdisciplinary research linking natural resources, food systems, and agribusiness
4. Provide a venue for global, comparative, and applied agri-food research
5. Support evidence-based policies for food security, sustainability, and rural development

Scope

The journal welcomes original research articles, systematic reviews, meta-analyses, policy studies, and applied research papers in, but not limited to, the following areas:

- Crop science and sustainable agriculture
- Animal science and livestock production
- Fisheries, aquaculture, and aquatic resources
- Forestry, agroforestry, and forest management
- Agribusiness, agricultural economics, and value chains
- Food systems, food security, and nutrition



- Climate-smart agriculture and natural resource management
- Soil science, land use, and environmental conservation
- Agricultural technology and innovation
- Interdisciplinary agriculture and food sustainability research

Publication Frequency and Format

- **Frequency:** Quarterly (4 issues per year)
- **Formats:** Print and Online
- **Review Type:** Double-blind peer review
- **Identifiers:**
 - Print ISSN
 - Electronic ISSN
 - Crossref DOI assigned to all published articles

Submission Guidelines

Author Guidelines / Instructions to Authors

Manuscripts are received with the understanding that they contain **original scholarly work** that has **not been previously published** nor is under consideration for publication elsewhere.

Authors must submit manuscripts through <https://tinyurl.com/GLOAFFS>

For manuscripts with **two or more authors**, the **corresponding author** must submit the manuscript on behalf of all co-authors.

For inquiries, authors may contact:

- **ETCOR Mobile:** 0939-202-9035
- **Email:** embracingthecultureofresearch@gmail.com

Funding Disclosure

All authors must disclose **all funding sources or financial support**, if any, related to the research.

With regard to research submitted for possible publication, authors must ensure that they follow **the journal format**, including the template, header, footer, font size and font style. Author/s must download and follow the sample manuscript found via this link: <https://tinyurl.com/TemplatesGLOAFFS> Kindly reduce the manuscript to **10-12 pages only, including the References**. Kindly choose only the most salient parts of the paper.

Additionally, kindly comply with the following:

1. **Academic Significance, Contribution to Discipline or Community, Technical Novelty**



The paper should demonstrate importance to the academic community or to research in general. It must offer a material contribution to its discipline and present novel or unique ideas that may be useful to the community. Clearly show the research gap, why there was a need to investigate the present study, and how it is different from previous works.

2. English Usage (or Filipino, as may be applicable)

The manuscript must adhere to the rules of grammar and language usage, whether in English or Filipino.

- Use **past tense** consistently since the study is already completed.
- Avoid first-person point of view (“I,” “we”); instead, maintain a **third-person scientific tone**.
- Avoid contractions; spell out complete words to retain formality.
- Provide **English translations** for words, terms, or items not understandable to international readers.

3. Abstract

The abstract should follow the journal’s prescribed format and accurately reflect the study’s major components. Ensure that it correctly presents the **aim, methodology, key findings or results, and conclusion** in a concise and logical manner.

4. Introduction / Background of the Study

The introduction must:

- Present a clear rationale or background from the **global to Philippine/local contexts**.
- Show the **trends and issues** related to the study, supported with recent and relevant citations (2021–2026 preferred).
- Identify and explain the **research gap/s**, highlighting why the present study is necessary and how it differs from prior works.

5. Statement of the Problem, Research Objectives and Research Questions

The Statement of the Problem, Research Objectives and Research Questions must be clearly, explicitly, and logically stated.

- The **statement of the problem** is a detailed explanation of the issue, gap, or challenge that the study seeks to address. It frames the context and justifies why the study is necessary, usually written in declarative form as a narrative or paragraph. Its purpose is to highlight the significance, scope, and urgency of the study, providing a broad and contextual background of the issue at hand. For example, a study may state: *“Despite government programs, many senior citizens in rural areas experience delays in receiving social pensions, raising concerns about accessibility and efficiency.”*
- The **research objectives** represent the specific aims or intentions of the study, focusing on what the researcher seeks to accomplish. These are written in infinitive form such as “To determine...” or “To examine...,” ensuring that the targets are clear, measurable, and achievable. Unlike the broad statement of the problem, objectives are narrower and centered on actionable outcomes. For instance, a general objective could be *“To assess the implementation of the Social Pension Program in Balbalan, Kalinga.”* This may be broken down into specific objectives,



such as: (1) To determine the accessibility of the program, (2) To examine its impact on beneficiaries, and (3) To identify challenges faced in its implementation.

- The **research questions** are the interrogative form of the objectives, expressed as direct questions the study seeks to answer. They are usually written in formats such as “What is...?” or “How does...?” and serve the purpose of guiding data collection and analysis by pointing to specific inquiries. Research questions are even more specific than objectives, as they operationalize the study’s goals into answerable items. Using the same example, the research questions could include: *RQ1: How accessible is the Social Pension Program to senior citizens in Balbalan? RQ2: What impact does the program have on the beneficiaries’ quality of life? RQ3: What challenges hinder the effective implementation of the program?*

6. Review of Related Literature and Studies

This section must include sufficient, relevant, and **up-to-date references** to support the rationale and conduct of the research.

- Avoid outdated sources (1–2 decades old) for dynamic or evolving concepts.
- Do not use sources with “no date (n.d.).”
- Ensure citations are aligned with the arguments and logically linked to the study.
- There must be a clear synthesis at the end of the RRLS that captures key insights, connects the reviewed works, and justifies the need for the present study.

7. Theoretical and/or Conceptual Framework

An appropriate theoretical and/or conceptual framework must be presented to anchor the study.

8. Research Methodology (Research Design, Population and Sampling, Instrument, Data Collection, Treatment of Data, Ethics in Research)

The methodology section should be well-structured, detailed, and properly organized. Each subsection should only contain content appropriate to it:

- **Research Design:** Describe what design was used, how it was applied, and why it was the most suited.
- **Population and Sampling and Other Source/s of Data:** Provide the exact number of participants/respondents, how and why they were selected. If you used other source/s of data (documents, policies, other contents), describe each document, how each was accessed, and why each is needed in the study.
- **Instrument/s:** State whether the instrument was adopted or researcher-made. Describe its validation process, including the qualifications of validators.
- **Data Collection:** Focus on *how, when, and where* the data was collected. Do not include ethics approval here.
- **Treatment of Data:** Clearly describe the methods of data analysis or statistical treatment. For qualitative analysis, avoid generic discussions (e.g., what thematic analysis is according to authors). Instead, show how the method was applied in your study.
- **Ethical Considerations:** Include ethical approval, informed consent, and permissions here, not in other subsections.

Important Reminders:



- Avoid “chop-suey” writing (mixing unrelated topics).
- If the study used a **mixed-method approach**, discuss both parts separately (quantitative and qualitative)—design, participants, instruments, data collection, treatment of data, ethical considerations—and explain how the two sets of data were integrated.
- Use plural (“researchers”) consistently if the paper has co-authors.

9. Results and Discussion

- Present results clearly, logically, and aligned with the research questions.
- Support findings with **relevant and recent literature**.
- Integrate discussion immediately after each result to enhance coherence.

10. Conclusions and Recommendations

- Conclusions must be logically drawn from the study’s findings.
- Recommendations should be **specific, actionable, and relevant** to the results. Avoid generic statements.

11. References (APA 7th Edition)

References must strictly adhere to APA 7th edition. Authors must review their entire manuscript carefully:

- Ensure proper formatting (e.g., italicizing journal names, use of “&” vs. “and,” correct application of *et al.*, punctuation, spacing, quotation marks).
- All in-text citations must appear in the References list and vice versa. **No mismatches allowed.**
- Avoid old references; prioritize recent ones.
- If a citation was included but missing in the References, update it properly (do not erase it without explanation). Similarly, remove unused entries from the References list.
- The paper will not be published if even one citation/reference entry is non-compliant.

APA 7th requires:

- All sources listed in the References Section must match 100% with the actual sources used in the entire manuscript, and all sources cited in the entire manuscript are reflected in the list of sources in the References section.
- Author/s should provide a link to every research article or literature/document, where we can find the journal or document, or best, where we can find the specific research article/document. Must provide the DOI for it, or URL if the journal is not yet DOI accredited, or link to the document.
- Arranged alphabetically regardless of classifications (Do not categorize or classify if books, or journals, or other documents. Just arrange alphabetically all sources)
- Used hanging indent.
- Author(s) last name, initials.
- Year of publication in parentheses.
- Title of article in sentence case (only first word, proper nouns, and first word after a colon capitalized).



- Journal titles in italics and title case.
- Volume numbers italicized; issue numbers in parentheses (not italicized).
- Page ranges given without extra words.
- DOI formatted as URL (<https://doi.org/...>).
- Retrieval statements are used sparingly (only when content is likely to change).
- For secondary sources, only the work actually consulted (the secondary source) is included in the References list; the original source cited indirectly (e.g., “as cited in”) must not be listed unless it was directly read by the author.

12. Acronyms and Abbreviations

Always define acronyms upon first mention in the manuscript. Do not assume that readers will automatically know them.

Authors are also required to submit a **duly signed Authorship and Contribution Declaration Form**, which can be accessed via <https://tinyurl.com/TemplatesGLOAFFS>

Review Process

Upon receipt, authors receive an **acknowledgment email**.

Manuscripts not following the journal template will be returned.
Compliant manuscripts undergo:

1. Initial screening by the **Associate Editor**
2. **Plagiarism check**
3. **Double-blind peer review** by two subject-expert reviewers

Review decisions may be:

- Publish unaltered
- Accept after minor revisions
- Accept after major revisions
- Reject

In cases of split reviewer decisions, a **third reviewer** will be assigned. Authors are given **two weeks** for revisions. Final decisions are made by the **Editor-in-Chief**.

Publication Policies and Ethics

Changes to Authorship

Authors retain copyright under a licensed agreement and may archive:

- Pre-print
- Post-print
- Publisher's PDF



Conflict of Interest

All authors must disclose any actual or potential conflicts of interest.

Article Retraction

Retractions may occur due to ethical violations such as plagiarism, duplicate submission, or data fabrication.

Retraction fee: PHP 6,000 (USD 120)

Article Withdrawal

Withdrawal after completion of review and editorial processing incurs a fee of:
PHP 6,000 (USD 120)

Article Removal

Articles may be removed only under **legal or safety circumstances**.

Additional Information

- **Call for Research Articles:** Rolling basis
- **Application for Peer Reviewers and Language Editors:** Open
- **Publication Charges and Discounts:** Available for ETCOR Research Consultants and External Reviewers
- **Indexing and Archiving:** International databases and institutional repositories
- **Editorial Board:** International and multidisciplinary



Editor's Note

Volume 1, Issue 2 (April–June 2026)

Global Journal of Agriculture, Forestry, and Food Systems (GLOAFFS)

It is with great pleasure that we present **Volume 1, Issue 2 (April–June 2026)** of the *Global Journal of Agriculture, Forestry, and Food Systems (GLOAFFS)*. Following the successful launch of our maiden issue, this second issue reaffirms the journal's commitment to publishing high-quality, peer-reviewed research that advances sustainable agriculture, forestry, fisheries, agribusiness, and resilient food systems across diverse global contexts.

Agriculture and food systems continue to face unprecedented challenges brought about by climate variability, environmental degradation, biodiversity loss, changing consumer demands, and the growing need to ensure food security for an expanding global population. These realities call for innovative, evidence-based, and interdisciplinary solutions that strengthen productivity while preserving natural resources for future generations. Through the studies featured in this issue, GLOAFFS contributes to this global conversation by providing scientific knowledge that supports sustainable development and informed decision-making.

This issue presents scholarly works that examine practical and emerging concerns in crop production, livestock management, agricultural inputs, and sustainable farming systems. The published articles demonstrate how scientific inquiry can improve agricultural productivity, optimize resource utilization, enhance food production systems, and strengthen the resilience of farming communities. Collectively, these contributions reinforce the vital role of research in addressing real-world challenges faced by the agriculture and food sectors.

One of the defining strengths of GLOAFFS is its interdisciplinary perspective. Sustainable food systems cannot be achieved through a single discipline alone; rather, they require meaningful collaboration among agricultural scientists, foresters, fisheries specialists, economists, environmental researchers, policymakers, extension practitioners, and community stakeholders. By bringing together diverse scholarly perspectives, the journal promotes integrated approaches that connect scientific innovation with practical application and policy development.

The Editorial Board remains steadfast in upholding rigorous academic and ethical standards throughout the publication process. Every manuscript published in this issue underwent a comprehensive double-blind peer-review process designed to ensure scientific validity, methodological rigor, originality, and relevance to the journal's aims and scope. Our commitment to publication ethics, research integrity, and continuous quality improvement remains central to every issue we produce.



We are deeply grateful to our authors for entrusting GLOAFFS with their valuable research, to our dedicated reviewers for generously sharing their expertise, and to our editorial and production teams for their professionalism and commitment to excellence. Their collective efforts continue to strengthen the journal as a credible international venue for agricultural and food systems scholarship.

As GLOAFFS continues to expand its international reach, we remain committed to fostering global collaboration among researchers working toward sustainable agriculture, responsible natural resource management, climate-smart production systems, and resilient food systems. We welcome future submissions that contribute innovative ideas, empirical evidence, and practical solutions capable of creating meaningful impact across communities, industries, and nations.

On behalf of the Editorial Board, we sincerely thank our readers, authors, reviewers, and institutional partners for their continued confidence and support. We hope that the research presented in this issue will inspire further scientific inquiry, encourage interdisciplinary collaboration, and contribute to the development of more sustainable, productive, and resilient agricultural, forestry, fisheries, and food systems worldwide.

Dr. Aida T. Salingay

Editor-in-Chief

Global Journal of Agriculture, Forestry, and Food Systems (GLOAFFS)

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Posing, R. A., Soriano, A. C. T., Villar, N. M. R., & Pabiona, M. G. (2026). Milk production performance of dairy cattle in selected backyard dairy farms in Bukidnon, Philippines. *Global Journal of Agriculture, Forestry, and Food Systems (GLOAFFS)*, 1(2), 17-30. <https://doi.org/10.63498/gloaffs3>

Corpuz, P. O. (2026). Growth and yield of sweet corn (*Zea mays* L. *saccharata*) applied with organic and inorganic fertilizers supplemented with locally-made biostimulant. *Global Journal of Agriculture, Forestry, and Food Systems (GLOAFFS)*, 1(2), 31-43. <https://doi.org/10.63498/gloaffs4>