
INSTRUCTIONS FOR AUTHORS

The *Journal of Marine and Coastal Sciences* is an annual scientific journal published by the Master's Program in Marine and Coastal Sciences (School of Biological Sciences, Universidad Nacional, Costa Rica), including:

- Scientific articles (original and unpublished)
- Scientific notes (short communications) and
- Literature reviews

The Editorial Committee requires authors to follow these instructions:

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Language:	English or Spanish, abstract in both languages.
Fonts:	Headings of sections: Times New Roman 14 pts. Text: Times New Roman 12 pts. Titles of figures and tables, name of authors and keywords: Times New Roman 11 pts.
Text:	Abstract and <i>resumen</i> : Times New Roman 10 pts. Double-spaced; indent paragraphs 5 spaces, except for <i>resumen</i> and abstract.
Maximum length:	<i>Scientific articles</i> : 25 pages maximum including figures and tables. Longer articles will only be accepted upon justification submitted to the Editorial Committee. <i>Scientific notes</i> : 6 pages maximum. <i>Reviews</i> : 25 pages maximum.
Margins:	Top: 3 cm Bottom: 2.5 cm Left: 3 cm Right: 2.5 cm

Abbreviations shall be used according to the International Unit System (m, km, g, mg, %, PSU, °C). Use period for decimals instead of comma.



Do not include footnotes or appendices. Additional material may be included only if indispensable.

B. General structure for a scientific paper

- It can be considered works with data of more than 5 years of antiquity, **EXCEPT VERY JUSTIFIED CASES**
- *Title of the article*: Centered, bold, both in English and in Spanish, capital letters, 14 pts. Leave a single space between the title and the authors.
- *Author(s)*: Times New Roman 11pts. Write first and last names in italics, justify text and indicate institutional affiliation (use superscript numbers), place of work or physical address, e-mail and **ORCID identifier**. Include affiliation of all authors; mark corresponding author with an asterisk. Leave a single space between the author(s) and the abstract.
- Titles of sections must be aligned to the left, in capital letters and in bold (**INTRODUCTION, MATERIALS AND METHODS, RESULTS, DISCUSSION, CONCLUSION, ACKNOWLEDGEMENTS AND BIBLIOGRAPHY**). Use a single space before the text. Do not leave spaces between paragraphs of the same section.
- *Abstract*: Each article will be preceded by the abstracts in English and Spanish, each one not exceeding 250 words.
- *Keywords*: Each abstract will be followed by keywords (five words max.) representing the article content.
- *Introduction*: The purpose of the article and the research problem reasoning shall be explained here. Specific information on the background of the study and the state of the art shall be included as well.
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- *Results*: Results will be presented in a text format. Data may be included in tables and figures (when required). Tables and figures shall be consecutively numbered and identified with titles according to the content (in English and Spanish); do not use bold; use accent marks over small as well as capital letters in Spanish. All data sources shall be cited and included in the text. Do not include information or illustrations unrelated to the text.

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- *Conclusions:* All conclusions shall be based on the data presented and discussed. Conclusions shall strictly agree with the purpose of the article. If the article is a synthesis of findings, proposals may be included in this section, at the author's discretion.
- *Acknowledgements:* This section must reflect an authentic appreciation to the research collaborators.
- *Bibliography:* Bibliographic references shall follow the guidelines of the American Psychological Association (APA), available at the Journal's Website (www.una.ac.cr/revmar).

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Non-periodical publications: Non-periodical publications are those published separately: books, reports, booklets, some monographies, manuals and audiovisual media. Follow this format:

Author, A. A. (Year of publication). *Title of the work*. Country. Publishing house.

Book

Clesceri, L. S., Greenberg, A. E. & Trussell, R. R. (1989). *Standard methods for the examination of water and wastewater* (17th ed.). EE:UU.: American Public Health Association, American Water Works Association, Water Pollution Control Federation.

Chapter of a book

O'Neil, J. M. & Egan, J. (1992). Men's and women's gender role journeys; Metaphor for healing, transition, and transformation. In E. R. Wainrib (Ed.), *Gender issues across the life cycle* (pp. 107-123). EE:UU.: Springer.

Conference proceedings

González, R., Calvo, A., Benavides, G. & Casullo, M. (1998, November). *Evaluación de la conducta social de Aratus pisonii*. Paper presented in the Congreso Latinoamericano de Carcinología, Salamanca, Spain.

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Dewey, R. A. (2002). La torsión en los gastrópodos: una revisión. <http://www.gpa.orljournalsljacobson.html>

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Jacobson, J. W., Mulick, J. A. & Schwartz, A. A. (1995). A history of facilitated communication: Science, pseudoscience, and antiscience: Science working

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group on facilitated communication. *American Psychologist*, 50, 750-765.
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Schneiderman, R. A. (1997). Librarians can make sense of the Net. *San Antonio Business Journal*, 11(3). <http://www.ebsco.com>

Thesis

Wilfley, D. E. (1989). *Interpersonal analysis of bulimia: Normal-weight and obese*. (Unpublished doctoral thesis). University of Missouri, Columbia.

Unpublished communications: Unpublished communications will not be included in the references; they will only be mentioned in the text. Include the name of the person who provides the information, media and date. Ej.: "La coloración de *A. similis* varía con los periodos de lluvia" (C. Fonseca, personal communication, June 29, 2000).

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Apply the same criteria used for the scientific article regarding Title of the article, author(s), abstract and *resumen* and keywords, except for the number of words in the abstract (70 words max).

- Titles of sections must be on the left margin (**INTRODUCTION, MATERIALS AND METHODS, RESULTS, DISCUSSION, ACKNOWLEDGEMENTS AND BIBLIOGRAPHY**). The titles of sections shall be in capital letters and in bold. Leave a space to start the text. Do not leave spaces between paragraphs of the same section.
- *Introduction*: Explain, clearly and concisely, the problem to be resolved and the objective with a theoretical base. The text should be continuous, not leaving spaces between paragraphs.
- *Tables and figures*: Same format as the scientific articles.
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This type of article includes literature reviews of a specific field of study related to the theme of the Journal. Authors may review the most relevant exponents, their main ideas and contributions, as well as conduct analyses and make comments based on sustained objective statements.

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E. Manuscript stages

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3. Arbitration

Peer Review Process

Editorial Review

The Journal has an Editorial Board and a body of national and international reviewers, both internal and external to the School of Biological Sciences. When an article is received from a specific author, it is sent to an Editor, who decides initially if the topic is relevant to the journal and if the article meets the minimum requirements (that it is novel, current and complies with the format) to be reviewed, for this it has a period of one week.

After this process is continued with:

Peer review

After the editor's review, the editor decides to send an invitation along with the abstract to a minimum of three reviewers, after the acceptance of the abstract, the article is sent in its entirety and an evaluation form in which they can indicate their opinion on it (Format for evaluators). For this they will have a period of three weeks in which their verdict complies with one of the following notifications:

"Approved without modifications" (Accept submission as is).
"Approved but must be corrected" (Publishable with modifications; in its current form it cannot be published; the publisher must coordinate with the author the necessary changes).
"Forward for review" (Manuscript requires major changes. The editor must forward the corrected manuscript to the reviewers for a new round of review).
"Not Approved" (Reject submission, as is).

These individuals are selected for their experience, professionalism, and specialty in the subjects they are sent to review. They are people who have developed research in the area and who have credibility in the ethical handling of information. It is important to emphasize that once the reviewer receives the article to evaluate, if he or she considers that there are causes to abstain from reviewing it (family ties, conflicts of interest, he or she knew the article before), he or she will inform the editor.

Anonymous double-blind peer review

The reviewers will not know the data of the person to whom the article belongs, nor vice versa, this process called double-blind is carried out in order to increase objectivity in the evaluation.

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Once the first verdict has been received, the author has a period of two weeks to return the article with the corrections, after which a period of two weeks will be granted to inform the final acceptance or rejection for publication. The Editorial Committee will be responsible for deciding whether or not the article is accepted for publication. In case of discrepancies between the Editorial Committee and the reviewers, the Editorial Committee of the Journal will make the decision.

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From Vol. 8 No. 2 year 2016 will include abstract and keywords of each article accepted in the Portuguese language.

The criteria on which it will be decided if the article is accepted or not, are:

1. The subject matter is according to the magazine.
2. The manuscript makes a valuable contribution to knowledge.
3. It generates useful information to give solution to a problem.
4. It has not previously been published in another journal.
5. It is an original work or meta-analysis.
6. The methodology and design of the study are solid and in accordance with the problem in question.
7. The results are presented objectively.
8. Conclusions are well founded.
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Title of article: in Spanish and English. Centered, in bold, in capital letters, Times New Roman 14, double space.

EVALUACIÓN DE LAS CONCENTRACIONES DE *ESCHERICHIA COLI* EN *CRASSOSTREA GIGAS*...

EVALUATION OF *ESCHERICHIA COLI* CONCENTRATIONS IN *CRASSOSTREA GIGAS* ...

Leave single space between the title and the authors.

Luis A. Vega Corrales^{1*} y *Carolina Marín Vindó*

Author(s): full name in italics, Times New Roman 11, double space, justified.

¹Estación de Biología Marina Juan Bertoglia Richards, Universidad Nacional, Costa Rica

Indicate all of the authors' institutional affiliation, place of work or physical address. Use numbered

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Titles of section (*Abstract, Introduction, Materials and Methods, Results, Discussion, Acknowledgments, Bibliography*): left margin, in bold, in capital letters, Times New Roman 14.

RESUMEN

Costa Rica no cuenta con referencias sobre la calidad sanitaria de las zonas de cultivo de *Crassostrea gigas* y esto puede representar un riesgo para la salud pública...

Palabras claves: Contaminación marina, maricultura, *Escherichia coli*, *Crassostrea gigas*, Costa Rica.

Keywords subtitle: in bold, Times New Roman 11. Minimum and maximum 5 keywords, as required by databases.

Abstract: in Spanish and English. Times New Roman 10, justified, single space. Maximum length: 250 words.

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ABSTRACT

Costa Rica does not have references on health quality of harvesting zones of *Crassostrea gigas*, which can pose a potential public health risk...

Keywords: Marine pollution, mariculture, *Escherichia coli*, *Crassostrea gigas*, Costa Rica.

Leave a space between section titles and the text.

INTRODUCCIÓN

Text: Times New Roman 12, double space, justified. Both lowercase and capital letters must have accents if in Spanish. Each paragraph must have a 5 character indentation. There should be no spaces between paragraphs within the same section.

Los ecosistemas marinos son vulnerables a la contaminación antropogénica. Según Halpern *et al.* (2008), no existen zonas marino costeras que no estén impactadas por la influencia humana...

Citation for one author.

...Estudios recientes han demostrado que las concentraciones de *E. coli* en las zonas de cultivo de moluscos bivalvos dependen, entre muchos otros factores, de las condiciones climatológicas y estacionales del área (Peterson, 1960; CITES, 2011; Campos *et al.* 2013b; Derolez *et al.* 2013; Lee & Silk, 2013; Mignani *et al.*

Citation for two author publications.

Citation for different publications of the same author and year.

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Se evaluó la contaminación por *E. coli* en las zonas de cultivo de ostras de Punta Cuchillo (9°49' 48" N y 84°52' 48" O) y de Punta Morales (10°4' 84" N y 84°58' 37" O), ubicadas en el Golfo de Nicoya, Costa Rica (Fig. 1).

Tables and figures must be delivered separately.

Para la fase presuntiva se inoculó cada serie de cinco tubos de Lauryl Tryptose Broth (BD®) con 10, 1 y 0.1 mL de la muestra de agua... Para las muestras de ostras se

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homogeneizaron 25 g de carne y líquido intravalvar en 225 mL de Buffered Peptone Water (BD®). A partir de esta mezcla se prepararon las diluciones 1:100 y 1:1 000. De cada dilución se inocularon 5 tubos de Lauryl Tryptose Broth.

BIBLIOGRAFÍA

Campos, C. J. A., Acornley, R., Morgan, O. C. & Kershaw, S. (2013a). Trends in the levels of *Escherichia coli* in commercially harvested bivalve shellfish from coastal waters of Wales, 1999-2008. *Mar. Pollut. Bull.*, 67(1-2), 223-231.

Use "&".

Use letters to differentiate publications by the same author and year.

Campos, C. J. A., Kershaw, S. R. & Lee, R. J. (2013b). Environmental influences on faecal indicator organisms in coastal waters and their accumulation in bivalve shellfish. *Estuaries Coasts*, 36(4), 834-853.

Periodicals: journal volume in italics and issue in parentheses. There should be no space between the volume and the issue. Initial and final pages separated with a hyphen.

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Clesceri, L. S., Greenberg, A. E. & Trussell, R. R. (1989). *Standard methods for the examination of water and wastewater* (17th ed.). Washington, EE:UU.: American Public Health Association, American Water Works Association, Water Pollution Control Federation.

Non-periodical publications: Place: Publisher.

Halpern, B. S., Walbridge, S., Selkoe, K. A., Kappel, C. V, Micheli, F., D'Agrosa, C., ... Watson, R. (2008). A global map of human impact on marine ecosystems. *Science*, 319, 948-952.

When there are more than 7 authors, list the first 6 followed by "... " and write the last author.



IMN. Instituto Meteorológico Nacional. (2014). Clima en Costa Rica. Instituto



Organization

Meteorológico Nacional de Costa Rica. Recovered its in 22 january 2014, retrieved from <http://www.imn.ac.cr/educacion/CLIMA DE COSTA RICA.html>

CITES. (2011). *The CITES species. Convention on International Trade in Endangered*

Species of Wild Fauna and Flora. Ginebra, Suiza. Recuperado el 21 de septiembre, 2011,

disponible en www.cites.org/eng/disc/species.php

Website: Retrieved from:
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R Core Team. (2013). R: A language and environment for statistical computing. Viena,

Austria: R Foundation for Statistical Computing. Retrieved from <http://www.R-project.org/>

CUADROS Y FIGURAS

Tables should be numbered consecutively.

Tables and figures must be properly reduced (up to 60%) and their components must be properly sized to allow easy reading; the size of the font and the thickness of the lines should be properly visible and clear when reduced. The font already reduced should not be smaller than 8. The manuscript may include drawings and/or photographs; in the case of photographs, the journal will

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Cuadro 1. Criterios de clasificación de zonas de producción de moluscos bivalvos con base en muestras de agua

Title of table: in Spanish and English. It should be placed at the top of the table, in lower case and not in bold. Times New Roman 11, double space, justified.

Table 1. Shellfish harvesting zones classification criteria based in seawater samples

Avoid vertical lines. Use horizontal lines only when they separate fields of information (headlines, subheadings, lower fields).

Category of classification	Faecal coliforms (MPN 100 mL ⁻¹)		Treatment required
	Geometric mean	90% compliance	
Approved areas	≤ 14	≤ 43	None.
Prohibited areas	No sanitary survey or conditions for approved/restricted areas not met.		Harvesting not permitted.

Reference: Lee *et al.* (2008)

You must indicate the source of the data.



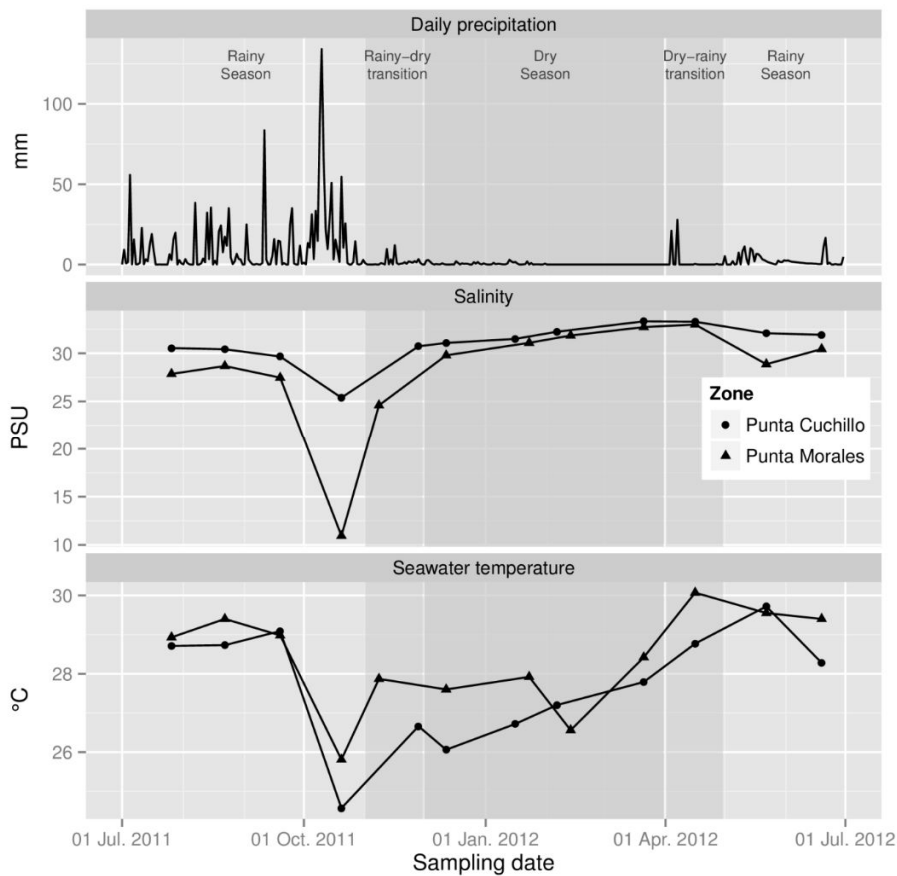


Fig. 3. Precipitación diaria (mm) y salinidad (UPS) y temperatura (°C) mensual registradas de julio de 2011 a junio de 2012 en las zonas de cultivo de *Crassostrea gigas* de Punta Cuchillo y de Punta Morales, Golfo de Nicoya, Costa Rica. Se representan la estación seca, la estación lluviosa y los meses de transición establecidos para la zona de estudio por el Instituto Meteorológico de Costa Rica. Fuente precipitación: Instituto Meteorológico Nacional de Costa Rica

Fig. 3. Daily precipitation (mm) and salinity (PSU) and temperature (°C) registered monthly from July 2011 to June 2012 in the *Crassostrea gigas* harvesting zones of Punta Cuchillo and



Punta Morales, Gulf of Nicoya, Costa Rica. It represented dry season, rainy season and the transition months established for the study zone by the Meteorological Institute of Costa Rica. Precipitation source: Meteorological Institute of Costa Rica

Title of figure: in Spanish and English. It should be placed at the bottom of the figure, in lower case and not in bold. Times New Roman 11, double space, justified.

