

## Template for Article Submission in JRSSEM

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### **Keywords:**

Keywords 1;  
Keywords 2;  
Keywords 3;

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### **Abstract**

Abstracts should provide a clear and pertinent overview of the manuscript, enabling readers to understand the scope and contribution of the study. The abstract must contain 150–250 words and be written in a logical and precise manner, without subheadings. Authors are strongly encouraged to follow this structure: first, present the research issue or topic, emphasizing its importance and the gap addressed; second, state the aim of the study or the formulated hypothesis; third, briefly describe the research methods applied; fourth, summarize the main results or findings; and finally, highlight the key points from the discussion that lead to the major conclusions or interpretations. The abstract must objectively represent the article, avoid claims not supported by the main text, and not exaggerate the conclusions. Formatting requirements: single-spaced, font size 9, using Cambria. Keywords should immediately follow the abstract. Authors are required to provide 3–5 specific keywords, derived from the article’s scope and translated into concrete research variables or thematic focuses (see the example). Avoid abbreviations, general words, or plural terms (such as “and”, “of”). Each keyword should be separated by a semicolon (“;”). The title, abstract, and author information must all appear on the first page of the manuscript.

**Background:** ...

**Objective:** ...

**Methods:** ...

**Results:** ...

**Conclusion:** ...

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## **INTRODUCTION**

The introduction should be written in good and grammatically checked English (can be US or UK English but not the combination of both). Please use Segoe UI of 11 pt font size (Mayer 1975). The author must provide an adequate background, avoiding a detailed literature survey or a summary of the results (Mayer 1975a, 1975b, 1980). In the last paragraph, an author must state the objectives of the work clearly. References must be cited in e.g. (Anderson et al. 1990, Salehizadeh et al. 2004) in which applying the reference manager is recommended.

## **RESEARCH METHOD**

The methodology could comprise materials; research procedures; instrument and data analysis; modeling. Each part of the methodology could be written in a different subsection, using a different level.

An Equation may either appear in-text or as a separate item, in such a case it should be indicated by a number in parentheses on the right column margin. Such equations are referred to in-text as Eq. (1), and so on.

$$\nabla \cdot \vec{V} = 0 \quad (1)$$

$$\frac{\partial(\rho u)}{\partial t} + \nabla \cdot (\rho u \vec{V}) - \nabla \cdot (\mu \nabla u) = - \frac{\partial p}{\partial x} \quad (2)$$

$$\frac{\partial(\rho v)}{\partial t} + \nabla \cdot (\rho v \vec{V}) - \nabla \cdot (\mu \nabla v) = - \frac{\partial p}{\partial y} \quad (3)$$

$$\rho c_p \frac{\partial T}{\partial t} + \rho c_p \nabla \cdot (\vec{V} T) - \nabla \cdot (k \nabla T) = 0 \quad (4)$$

**Sub Section (LEVEL 2)**

Materials used in the research can be written as a separated subsection. Please provide details of manufacture and purity of materials e.g. Fe(NO<sub>3</sub>)<sub>3</sub>·9H<sub>2</sub>O (99% purity Merck, Germany) was employed as iron oxide precursor.

**Sub Section (LEVEL 3)**

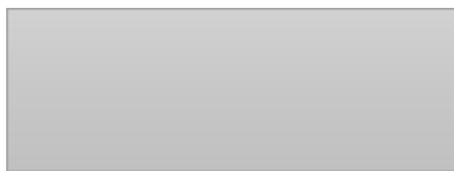
If an additional subsection is needed, a subsection with level 3 could also be introduced.

**RESULTS AND DISCUSSION**

Results and discussion contain findings of research and their discussion. All findings must be supported by sufficient data. This part must answer the hypothesis of the research stated in the Introduction.

Providing a high resolution of the figure is important to ensure the good quality of the manuscript. The figure and table must be supported by a caption. Refer to and/or cite figures and tables in-text by their full, spelled-out forms. For example:

Figure 1 shows... *but ...in* figures 1 and 3. (See Figure 2 or Table 1) ...as outlined in Tables 3 and 4. Tables and figures should make the text easier to understand.



**Fig. 1:** Example of Figure

The figure and table must be supported by caption. Refer to and/or cite figures and tables in-text by their full, spelled-out forms, as listed above.

Illustrative materials that appear in the Appendix are numbered independently of those that appear in-text. For example Eq. (A-1), Table A-1, and Figure A-1...

**Table 1.** Example of Table

Example 1	Example 2	Example 3
A	B	C
D	E	F

## CONCLUSION

This section should emphasize the major interpretations and conclusions of the paper as well as their significance. The conclusion must correspond to the objective of the research.

## ACKNOWLEDGEMENTS

If any, an acknowledgment may be made here. This section displays the author's appreciation to sponsors, fund donors, resource persons, or parties who have an important role in conducting research.

## STATEMENT OF CONTRIBUTION BY THE AUTHOR

If applicable, the Author's Contribution Statement.

## REFERENCE

Reference is listed and numbered in alphabetical order. References must be up to date. It is recommended for example total reference is a minimum of 15 and up to date references (10 years old) is 10.

Specifically, be guided by the following example:

1. Brunner, C. R. (1996). *Medical waste disposal*, Incinerator Consultants Incorporated, Reston, Virginia, U. S. A. [Books]
2. Chester, A. W., and Chu, Y. F (1982). U. S. Pat. 4 350 835. [Patents]
3. Ergun, S. (1952). "Fluid flow through packed columns," *Chem. Eng. Prog.*, 48, 89-94. [Journal article]
4. Goodman, P W. (1984). *Abstracts of papers*, International Chemical Congress of Pacific Basin Societies, Honolulu, HI; American Chemical Society, Washington, D.C.; Abstract 05F14. [Abstracts]
5. Range, W. (1981). *Progress in physical organic chemistry*. vol. 13, Taft, R. W., ed., John Wiley & Sons, New York. 915-984. [Edited books]
6. Villa, R. R. (1999, March 4-5). "Corrosion induced by CO<sub>2</sub>- and H<sub>2</sub>S-saturated steam condensates in the Upper Mahiao Pipeline, Leyte, Philippines." 20<sup>th</sup> Annual PNOC—EDC Geothermal Conference, New World Hotel, Makati City, Philippines. [reference papers]