

Aceh International Journal of Science and Technology Template

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Abstract – In this template file as an introduction for the format of this journal. All content should follow the suggested Abstract style. Maximum of 300 words, the abstract should consist at least; short background (voluntary), Purpose (mandatory), Design/methodology/approach (mandatory), Main findings (mandatory), Practical implications (if applicable), and Conclusions. The abstract should be constructed in a single paragraph and exclusive of any literature review.

Keywords: Please provide a minimum of m five and up to seven keywords that encapsulate the principal topics of the paper.

Introduction

The introduction should consist of at least the problem(s), state of the arts of the research, the gap between reality and theory or previous findings from other studies, and objective(s). Manuscripts submitted to *Jurnal Riset Teknologi Informasi, Manajemen, dan Multimedia* should neither be published previously nor be under consideration for publication in another journal. The main article types are *Articles*: Original research manuscripts, which should comprise at least 2500 words and no more than 9000 words. The journal considers all original research manuscripts provided that the work reports scientifically sound experiments and provides a substantial amount of new information. Authors should not unnecessarily divide their work into several related manuscripts, although short *Communications* of preliminary but significant results will be considered. The quality and impact of the study will be considered during peer review. *Reviews*: These provide concise and precise updates on the latest progress made in a given area of research and should be at least 6000 words.

Materials and Methods

They should be described with sufficient detail to allow others to replicate and build on published results. New methods and protocols should be described in detail, while well-established methods can be briefly described and appropriately cited. Give the name and version of any software used and make clear whether the computer code used is available. Include any pre-registration codes.

The research procedure should be prepared clearly; step by step of the work is mandatory. All equipment or materials used in the study should be defined, and specifications should be provided. All formulas must put their number. Any formula should put the number. An example of the template for writing the formula is as follows (Formula a, 2012)

$$pdf(x) = \frac{1}{b^a \Gamma(a)} x^{(a-1)} e^{\left(\frac{-x}{b}\right)}, x > 0$$

$$= 0, x \leq 0 \quad (1)$$

Where, x = mean daily rainfall, letters a and b are the form and scale parameters respectively, $\Gamma(a)$ = Gamma function, solved by a factorial function ($\Gamma(a) = (a-1)!$)

Any subheading should be written properly.

Example are as follows. Gridding observational data were adjusted to the grid from the output data of the RCM model. It was needed for easier to make it easier to make bias corrections to each observation grid (Dasanto *et al.*, 2014).

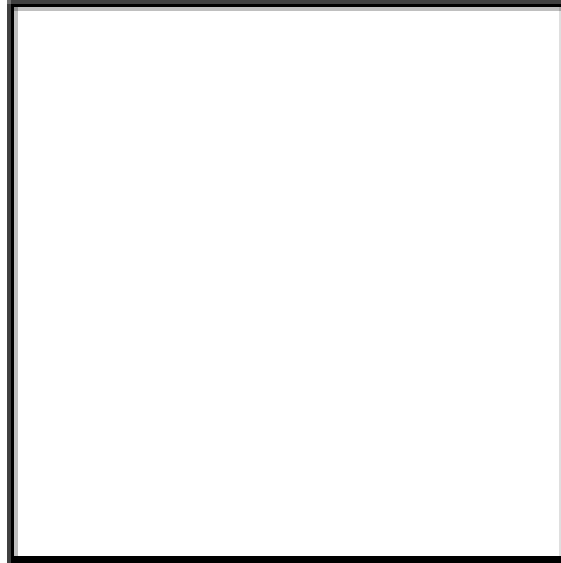


Figure 1. Location of study area

Results

Provide a concise and precise description of the experimental results, their interpretation as well as the experimental conclusions that can be drawn. Each Figure and Table should be supplied within the article itself. All Figures (charts, diagrams, and line drawings) and Images (photographic images) should be of clear quality, in black and white and numbered consecutively with Arabic numerals. Figures created in MS Word, MS PowerPoint, MS Excel, Illustrator, and Freehand should be saved in native formats.

Tables should be typed and included as part of the manuscript. They should not be submitted as graphic elements. Supply succinct and clear captions for all tables, figures, and plates. Ensure that any superscripts or asterisks are shown next to the relevant items and have corresponding explanations displayed as footnotes to the table, figure or plate. An example of figure in the text is shown in Figure

2

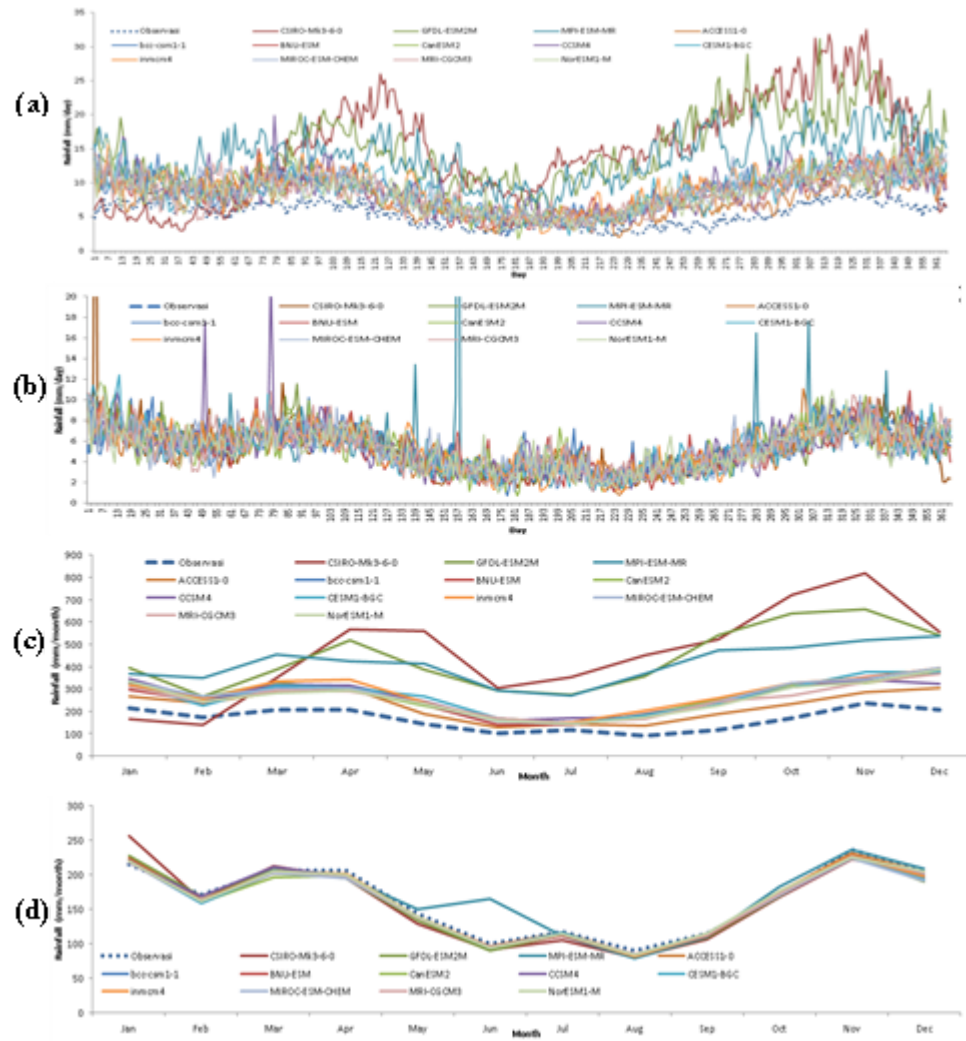


Figure 2. A pattern of observational rainfall and model; (a) uncorrected daily mean, (b) corrected daily mean, (c) uncorrected monthly mean, (d) corrected monthly mean.

An example of table is shown in Table 1.

Table 1. Comparison of Statistical Analysis of the mean rainfall observations and models (Uncorrected and Corrected)

Model	Uncorrected			Corrected		
	R ²	NSE	RMSE	R ²	NSE	RMSE
<i>Mean daily rainfall</i>						
ACCESS1-0	0.89	-0.94	2.45	0.89	0.53	1.20
bcc-csm1-1	0.87	-3.72	3.81	0.87	0.43	1.33
BNU-ESM	0.84	-3.63	3.78	0.85	0.33	1.44
CanESM2	0.85	-3.85	3.87	0.85	0.33	1.44
CCSM4	0.84	-3.99	3.92	0.83	0.13	1.63
CESM1-BGC	0.82	-4.39	4.08	0.86	0.40	1.35
CSIRO-Mk3-6-0	0.46	-44.67	11.87	0.73	-1.50	2.78

Discussion

Authors should discuss the results and how they can be interpreted in the perspective of previous studies and of the working hypotheses (Study, 2020). The findings and their implications should be discussed in the broadest context possible, and the limitations of the work should be highlighted. Future research directions may also be mentioned. This section may be combined with Results. The discussion must be supported by relevant references (Finding, 2022)

Conclusion

This section is not mandatory but can be added to the manuscript if the discussion is unusually long or complex. The conclusion should in line to the objective(s) and in paragraph form, not a list of the number

Acknowledgment

All contributions of the third parties can be acknowledged in this section

References

Reference to other publications must be in Harvard style and can use any tool of reference manager and carefully checked for completeness, accuracy, and consistency. Use any references manager. This is very important in an electronic environment because it enables your readers to exploit the Reference Linking facility on the database and link back to the works you have cited through CrossRef. At the end of the paper, a reference list in alphabetical order should be supplied:

- For books:* Surname, Initials. Year. Title of book, Publisher, Place of publication. e.g. Muchlisin, Z.A. (2010). Introduction to strategic development. IASD Publishing, New York. (For two authored book): Muchlisin, Z.A. and Almizan, M.F. 2014. Introduction to ichthyology. Fajar Harapan, Banda Aceh.
- For book chapters:* Surname, Initials. Year. Chapter title, In: Editor's Surname, Initials (Ed.), Title of book. Publisher, Place of publication, pages. e.g. Sugianto, M.H. 2009. Human resource development in Asia: A practical approach. In: Rizal, S. (Ed.), Enhancing people contribution in organization. Elsevier, New York, pp. 15-20.
- For journals:* Surname, Initials. Year. Title of article. Full Journal Name, Volume (number/issue): pages. e.g. Muchlisin, Z.A., Furqan, M. and Muhammad, A.B. 2005. Conflict resolution in the twenty-first century in Indonesia. Journal of Conflic Resolution, 22(3): 72-80.
- For published conference proceedings:* Surname, Initials. Year. Title of proceeding which may include place and date(s) held. Publisher, Place of publication, Page numbers. e.g. Nahar, A.F., Subhan, M. and Shabri, M. 2009. The role of ICT in tourism industry. In: Information and communication technologies in tourism 2009. Proceedings of the International Conference In Kuala Lumpur, Malaysia, 2009. Springer-Verlag, Singapore, pp. 12-32.
- For unpublished conference proceedings:* Surname, Initials. Year. Title of paper. Paper presented at Name of Conference, date of conference, place of conference, available at: URL if freely available on the internet (accessed date). e.g. Mukhtar, D. 2004. Public library reconstruction process in Aceh after the Tsunami. Paper presented at the 10th Asian Conference on Tsunami Reconstruction (ACTR), 29 May – 1 June, Banda Aceh, Indonesia, available at: <http://dbs.tsunami2004.or.id/proc/mukhtar01.pdf> (accessed 10 February 2009).
- For working papers:* Surname, Initials. Year. Title of article. Working paper [number if available], Institution or organization, Place of organization, date. e.g. Mukhtar, P. 2010. How to shape policy decisions: the case of HPA, working paper, UUM University Business School, University of Utara, Sintok, 21 April.
- For newspaper articles (authored):* Surname, Initials. Year. Article title. Name of Newspaper, online link. Date of accessed. e.g. Smith, A. (2008). Money for old rope. Daily News, www.dailynews.com/waterpollution.tml. Accessed on January 2, 2013.