Cover Letter

Manuscript title – Word template for Computers & Geosciences

Author 1, Author 2, Author 3

Dear Editors-in-Chief,

please find the enclosed manuscript "..." which we are submitting for exclusive consideration for publication in Computers & Geosciences. We confirm that the submission follows all the requirements and includes all the items of the submission checklist.

The manuscript presents…

We provide the source codes in a public repository with details listed in the section "Code availability".

Thanks for your consideration.

Sincerely,

Authors names

Corresponding author affiliation and e-mail

Delete before submission:

Please confirm that your submission follows all the requirements of the guidelines, including the submission checklist:

* Cover letter
* Highlights
* Authorship statement
* The manuscript must be single column and double spaced
* Reference must be in the author-date format
* Code availability section

\* The manuscripts that do meet the requirement guidelines will be desk-rejected.

Highlights

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Author 1, Author 2, Author 3

• Highlight 1

• Highlight 2

• Highlight 3

• Highlight 4

• Highlight 5

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bAuthor 2 affiliation

cAuthor 3 affiliation

ARTICLE INFO

Keywords:

Keyword 1

Keyword 2

Keyword 3

Keyword 4

Authorship contribution statement

Author 1: Author 1 contribution. Author 2: Author 2 contribution. Author 3: Author 3 contribution.

ABSTRACT

Abstract text here,

1. Introduction

Examples of citations:

Gómez-Hernández and Srivastava (1990); Pebesma (2004); Hansen et al. (2018)

Examples of citations in parentheses:

(Gómez-Hernández and Srivastava, 1990; Pebesma, 2004; Hansen et al., 2018)

1. Methodology

This section includes an example of equation.

|  |  |
| --- | --- |
|  | (1) |

* 1. Subsection

This section includes an example of equation.

|  |  |
| --- | --- |
|  | (2) |

1. Algorithm and implementation

Example of algorithm:

**Algorithm 1** Algorithm example

Input: ...

1. Step1

2. Step2;

3. Step3;

for i = 1,..., m do

4. Step 4;

for j = 2,..., n do

5. Step 5;

6. Step 6;

end for

end for

Output: ...

1. Results

This section includes an example of figure (Figure 1), from de Figueiredo et al. (2021 ).

Diagram

Description automatically generated

Figure 1: Caption here. Image from de Figueiredo et al. (2021).

* 1. Subsection

This section includes an example of table (Table 1).

|  |  |  |  |
| --- | --- | --- | --- |
|  | a | b | c |
| a | 0.1 | 0.1 | 0.1 |
| b | 0.1 | 0.1 | 0.1 |
| c | 0.1 | 0.1 | 0.1 |

1. Conclusions

Conclusions here...

1. Acknowledgments

The authors would like to acknowledge ...

Code availability section

Name of the code/library

Contact: e-mail and phone number

Hardware requirements: ...

Program language: ...

Software required: ...

Program size: ...

The source codes are available for downloading at the link: <https://github.com/>...

References

de Figueiredo, L.P., Schmitz, T., Lunelli, R., Roisenberg,M., de Freitas, D.S., Grana, D., 2021. Direct multivariate simulation-a stepwise conditional transformation for multivariate geostatistical simulation. Computers & Geosciences 147, 104659.

Gómez-Hernández, J.J., Srivastava, R.M., 1990. Isim3d: An ansi-c three-dimensionalmultiple indicator conditional simulation program. Computers & Geosciences 16, 395–440.

Hansen, T.M., Mosegaard, K., Cordua, K.S., 2018. Multiple point statistical simulation using uncertain (soft) conditional data. Computers & Geosciences 114, 1–10.

Pebesma, E.J., 2004. Multivariable geostatistics in s: the gstat package. Computers & Geosciences 30, 683–691.

List of Figures

1. Figure 1: Caption here. Image from de Figueiredo et al. (2021)