

## Review questions

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At the end of the online form you can include additional comments you have for the authors. Your answers will be included in the decision letter to the authors and may be visible to the other reviewer(s).

There is also space to include comments for the editor only. These comments will not be seen by the authors.

At the end of the form, you can upload any documents as part of your review (e.g. an edited manuscript file). Lastly, you will be asked to make a recommendation by selecting an option from a drop-down box. These options are explained at the end of the form.

If you haven't done so already, we recommend reading the [reviewer instructions](#) and [publishing criteria](#) to learn about the journal's remit and assessment criteria. You can also read our [guide for conducting a thorough review](#) on the GEUS Bulletin website.

### 1) Style and contents

Is the style (particularly the abstract and introduction) suitable for a wide geoscience readership? (E.g. Is subject specific terminology kept to a minimum or adequately defined where used?)

So far as you can tell, is the manuscript generally understandable? (E.g. clear and precise writing, with few spelling errors or grammatical mistakes. Can the paper be shortened without compromising its contents?)

### 2) Title

Is the title informative and concise? If not, can you suggest a better title? (We encourage authors to use a declarative title that not only describes the topic but also informs on the main conclusion or take-home message of the study.)

### 3) Main text

Is a necessary minimum of reference to previous work given? Have any key citations been omitted?

Are the methods appropriate and clearly described? (Note: In articles marked as 'short', authors are encouraged to provide detailed methods in a supplementary file if they do not have space in the main text. Standard methods should be accompanied by an appropriate citation.)

Are the conclusions clearly formulated and substantiated by the data presented?

Are any data/analyses missing that would otherwise support the conclusions and overall line of argument in the manuscript?

### 4) Display items (figures and tables)

Are the figures and tables of good quality? Do they require revisions? Please provide details.

(You might consider whether the figures and tables are cited appropriately within the main text, and whether some part of the text would benefit from an additional figure or table.

Note: Articles marked as 'short' are limited to 3000 words and typically 4 mid-sized display items (figures and tables). A mid-sized figure is c. 1/2 page and equates to around 400 words.)

### 5) Comments to the Author(s):

(These comments will be included in the decision letter to the author(s).)

### 6) Comments to the Editor:

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### 6) Would you be willing to review a revision of this manuscript?

Yes

No

### 7) Review openness

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Thank you for completing these review questions. Below, you can indicate whether are willing to review a revised version of this manuscript, upload any documents as part of your review (e.g. an edited manuscript file) and choose a recommendation to the editor from the drop-down box.

The recommendation options are as follows:

Accept submission: The manuscript can be published immediately, and no further revisions are required. This option is rarely applicable to manuscripts in the first round of reviews, and usually only applicable when reviewing a manuscript for the second time.

Revisions Required: The manuscript is publishable in principle but requires minor revision. E.g. to text or figures. The manuscript is unlikely to require another round of reviews.

Resubmit for review: The manuscript is publishable in principle but requires substantial revision. E.g. where the manuscript is flawed, perhaps severely flawed, but fixable. It may require rephrasing throughout, substantial reorganisation, additional figures/tables, a more detailed methodology or new analyses. The manuscript may or may not require another round of reviews.

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See comments: Only choose this option if you feel unable to make a recommendation using the other options. This should rarely be applicable.