# Article Title

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## Abstract

A good abstract should be concise, typically around 200 words, and provide a clear summary of the research. If you already submitting an abstract to the conference you should include that abstract here.

## Introduction

Please use this template in order to write your article, the content included below is intended to be a rough guide to the content and and how to present structural elements such as cross-references, figures, tables, citations, etc.

The document you submit will be converted to a web-based article, so don't worry too much about styling or layout of your final submission, and the layout of sections and this template is not meant to be followed.

The Editors have provided some additional guidelines below to help you when preparing your submission.

## Writing Guidance

* Add tables and equations as you would normally do using standard Word features.

[additional writing guidance from Editors]

### Cross references

Please reference all your tables, figures, programs within your text using a consistent format for example Figure 1, Table 4, Program 2 and ensure the caption included alongside the figure, table, or code also starts with the same string. See Figure 1 in the results section for an example.

### Citations and References

Citation of references in the text should follow this format: ‘Smith and Johnson (2012) observed… in the Gulf of Mexico (Rodriguez et al. 2019)’. For works authored by three or more individuals, only the first author's name followed by ‘et al.’ should be cited.

Other resources such as reports, datasets, software should not appear in the reference list unless they have a DOI or equivalent persistent identifier.

References should be at the end of the article, including complete details and ideally including a DOI. If you don’t have a DOI please include all details such as all authors' surnames and initials, publication year, article title, full journal name, volume number, and page range. If you are using a well known reference manager to generate the refernce list you may paste the output directly, otherwise the list should be sorted alphabetically.

## Code

Including code snippents in Word can be challenging but we would prefer to not to have code included as images. Instead, just include the text as shown in Program 1 below, reduce the font size appropriately and set the font to Courier if you like.

[code]

def calculate\_porosity(rho\_bulk, rho\_matrix, rho\_fluid):

porosity = (rho\_matrix - rho\_bulk) / (rho\_matrix - rho\_fluid)

return porosity

# Example values in g/cm³

phi = calculate\_porosity(2.35, 2.65, 1.00)

print(f"Porosity: {phi:.2f}")

[/code]

Program 1 - Python function to calculate porosity from bulk, matrix, and fluid densities using the density log method. This is a basic geophysical interpretation step for reservoir characterization.

## Results

Include figures and tables as you need. Just remember to include captions and to include either Figure 1 or Table 1 at the start of your caption for each. Again, don't worry too much about overall layout.

Diagram of a diagram of a tidal formation

AI-generated content may be incorrect.

**Figure 1**: Conceptual illustration of subsurface fluid migration driven by tidal forces. The diagram shows porous sediment overlying shale, with fluid pathways influenced by tidal strain and a seismic reflector present in the stratigraphy (Garcia and Lee, 2020).

## Conclusions

Include your conclusions.

## References

Please ensure to include a DOI for each reference whenever you can.

If you have a .bib file from your reference manager include that alongside your manuscript when you send it to us.

Brown, A. and Harris, L.M. [2014]. Insights into sediment dynamics from offshore Australia. Marine Geology, 357, 12–23. https://doi.org/10.1016/j.margeo.2014.08.003.

Clark, P.J. and Whitfield, S.C. [2010]. Quantitative modeling of coastal erosion processes. Coastal Engineering Journal, 52(2), 87–102. https://doi.org/10.1142/S0578563410002127.

Garcia, D. and Lee, K. [2020]. Evaluating the impact of tidal forces on subsurface fluid migration. American Geophysical Union Fall Meeting, Abstract OS45C-2135.

Rodriguez, E., Nguyen, H.T., Kimura, J., and Gupta, A. [2019]. Subsurface characterization and fluid flow assessment in the Gulf of Mexico's deep-water reservoirs. In: Harris, R. and Mitchell, T. (Eds.) Advances in Offshore Geology: Proceedings of the 9th International Conference. Geological Society Special Publications, 511, 101–116. https://doi.org/10.1144/SP511-2019-29.