

Interactive comment on “Applications of time series analysis in geosciences: an overview of methods and sample applications” by W. Gossel and R. Laehne

Anonymous Referee #1

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This paper gives a summary of time series analysis in the geosciences but neither offers any new knowledge nor offers any applied examples or resources that would be of significant interest to the readership. There are numerous textbooks on time series analysis and geospatial analysis that already provide such information with far more detail and utility than this manuscript. Moreover, contrary to the second sentence in the abstract, wavelet and STFT are not new methods. The period scanning methodology has been published in a regional German journal only accessible to a select German language readership and not explained again in the manuscript. Additionally the presentation (language and figures) is subpar; e.g., many of the axes in the figures

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do not even have a title.

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