

## ***Interactive comment on “Particle Swarm Optimization for Surface complexation with the PHREEQC geochemical model” by Ramadan Abdelaziz et al.***

**A. Edet**

aniekanedet25@yahoo.com

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General comments The MS explains the interface of hydroPSO optimization and PEST with the PHREEQC geochemical model.

This subject will have value within the scientific community.

Specific and technical comments Other comments on the MS is on track changes and attached as a separate file. Please note the highlighted sections and compare to the original MS.

Recommendation MS should be published subject to the attached comments on track

C1

changes.

Aniekan Edet

Scientific significance: Good (2) Scientific quality: Good (2) Scientific reproducibility: Good (2) Presentation quality: Fair (3)

Please also note the supplement to this comment:

<https://www.geosci-model-dev-discuss.net/gmd-2017-38/gmd-2017-38-SC2-supplement.pdf>

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Interactive comment on Geosci. Model Dev. Discuss., <https://doi.org/10.5194/gmd-2017-38>, 2017.