

Response to the comments of the editor

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Dear Wolfgang Kurtz,

thank you very much for the helpful comments. In the following we address the comments to the manuscript 'URANOS v1.0 - the Ultra Rapid Adaptable Neutron-Only Simulation for Environmental Research' submitted to GMD. The editor's comments on the manuscript are in the regular font, our answers italic and the latexdiff of the submitted paper indented in quotation.

Editor

Dear authors,

thank you very much for submitting your revised manuscript to GMD. In my point of view, the comments of reviewer #2 were adequately addressed by your response and revisions. So from the content part, your paper is now ready for publication.

One remaining issue is the data availability. As already mentioned in the last iteration round, not only the model code but also the data/ examples used and presented in the manuscript must be made available via a public long-term archive (e.g. via Zenodo). Please consult the GMD code and data policy page (https://www.geoscientific-model-development.net/policies/code_and_data_policy.html) for detailed instructions about the requirements and make your data/ samples accessible accordingly.

If you have any further questions, do not hesitate to contact me directly.

Best regards,
Wolfgang Kurtz

We might misunderstood the use of the code and data availability statement. Source code, examples, cross sections, model-dependent parameters and data for the exemplary plot are in the same repository. We have moved the code and data availability statements into one.

Code and data availability. The URANOS source code is made available at the Github repository <https://github.com/mkoehli/uranos/tree/URANOS>. URANOS v1.0 has been released under DOI: 10.5281/zenodo.6578668. This DOI represents all versions, and will always resolve to the latest one.

Libraries and data used in this publication have been released in the above mentioned Github repository and are available from the Zenodo archive DOI: 10.5281/zenodo.6578668.

The current model of URANOS is also available from the project website <https://www.phys.uni-heidelberg.de/Forschung/ANP/Cascade/URANOS/>.

URANOS v1.0 is linked against ROOT 6.22.08, QT 5.15 and QCustomPlot 2.1.0.

Thank you very much for the review of our manuscript.