

Dear Sylwester Arabas,

Thank you for your review and comments.

Our answers are in **green** below.

Dear Authors,

Thank you for addressing reviewers' comments and for providing the revised manuscript.

I'm accepting the paper pending the following technical corrections:

- replace all raster images with vector graphics → **all images are now in .svg format**
- use monospace font (instead of quotes) for all programming keywords (outloc, window, compress_size, nt32, float32, time = 0, uo, sobariclnhPa: 13, etc) → **done**
- use italics for all project names (ncZarr, Zarr-python, fsspec, s3fs, zran, etc) → **done**
- fix typos in surname "Duran" - should be "Durant" → **done**
- all "et al," phrases should be spelled "et al.," → **done**
- L84: Misplaced extra " → **done**
- L126: replace "Ext3, Ext4" with "ext3, ext4" → **done**
- L225: Missed space in "context.In" → **done**
- L338: move NOAA within the sentence to clarify what does it refer to → **done**
- Figures 9, 10 and 11: limit the number of significant digits to 2-3 for time measurements (6 is way too many) → **done**
- Table 3: limit the number of significant digits to 2 for time measurements (4 seems too many) → **done**
- L501: MiB units are used, while elsewhere in the paper it is kB and MB - was it intentional? → **no it is a mistake fix**
- L557: Misplaced extra " → **done**
- L598: replace "kerchuk" with "kerchunk" → **done**
- L620: "lighttpd" instead of "Lighttpd" and clarify in the text where is it cited → **done**
- L639: in the "Zenodo [code]" reference entry, replace the URL with DOI → **done**
- L642: in the "Posix certification" reference entry, fix capitalization to POSIX and clarify in the text where this entry is referenced → **done**