Enabling the use of unstructured meshes for the Large Eddy Simulation of stable atmospheric boundary layers

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The authors wish to sincerely thank the Chief editor and the associate editor for their final comments. We have addressed these comments below and in the revised version of the article.

Associate editor

***Comment**: I am pleased to suggest your manuscript to be published in the WES journal. Just a small technical comment on k as wave number (e.g. in Fig. 8): it should be the letter k and not κ. κ is normally use for other variables or for the von Karman constant.*

The wave number has been designated by the letter k instead of κ on Fig. 8.

Chief editor

***Comment**: Congratulations on your paper which is accepted with technical corrections. Reading the abstract and the conclusion I don't see any considerations about computational resources. Is that outside the scope of the paper or could you sneak in a sentence about that?*

Indeed, computational resources is not discussed in the paper, mainly due to a lack of element of comparison with other studies. However, the authors agree with the comment. The following sentence has been added in the conclusion of the paper: "Concerning the computational performance, an overcost of 14% is measured for the $U3$ mesh case compared to the $S3$ one. This noticeable increase remains evaluated on a simple bi-periodic 3D box configuration. For more realistic applications with complex topography, the comparison is not relevant since a body-fitted structured mesh approach cannot be used."