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Corrigendum to
"The Brazilian Earth System Model ocean–atmosphere (BESM-OA) version 2.5: evaluation of its CMIP5 historical simulation" published in Geosci. Model Dev., 12, 1613–1642, 2019

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In Fig. 2 and its corresponding text in the published article, it is stated that the atmospheric component model of BESM-OA2.5 does not have any representation of aerosols. However, after further scrutinizing the model code input parameters and a new simulation done with explicit no-aerosol effects, it has been confirmed that the numerical simulations reported in the article did consider aerosol optical properties. The continental and oceanic aerosols have a column optical depth of 0.22 and 0.14, respectively, evenly distributed in the lower 2 km layer of the atmosphere. Therefore, this model does parameterize the direct radiative effects of aerosol optical depth over land and ocean, simulating the surface air temperature warming in agreement with other CMIP5 models in which the radiative aspects of aerosol are considered.

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