Exposed Heartland of the Mid-Atlantic Ridge

First-Blush Render

This is an initial modelling of a segment of the Mid-Atlantic Ridge based on a bathymetric data set from the GEBCO 2023 grid. (https://download.gebco.net/),
Please note the following caveats in this model:

- The elevation has been exaggerated in order to emphasize the topography.
- The coloration is a false color gradient to again augment the visual perception of the topography (see slide 5). It is not an attempt to recreate the true coloration of the landscape.
- The bathymetric data employed did not include the topographical information for the Azores Islands above sea level. These areas have been sculpted by hand and do not closely represent the actual topography.
- This model depicts the present bathymetry only and does not reflect any potential isostatic deformation from other periods.
- The sea-level was set according to what appeared to be a paleo-coastline on the west coast. Whether this was a true, previous shoreline and a valid reference for a previous sea level is speculative.
- What appear to be “lakes” in the renders are merely where the topography drops below sea level (when set at it is in this model).

-Michael Amesbury

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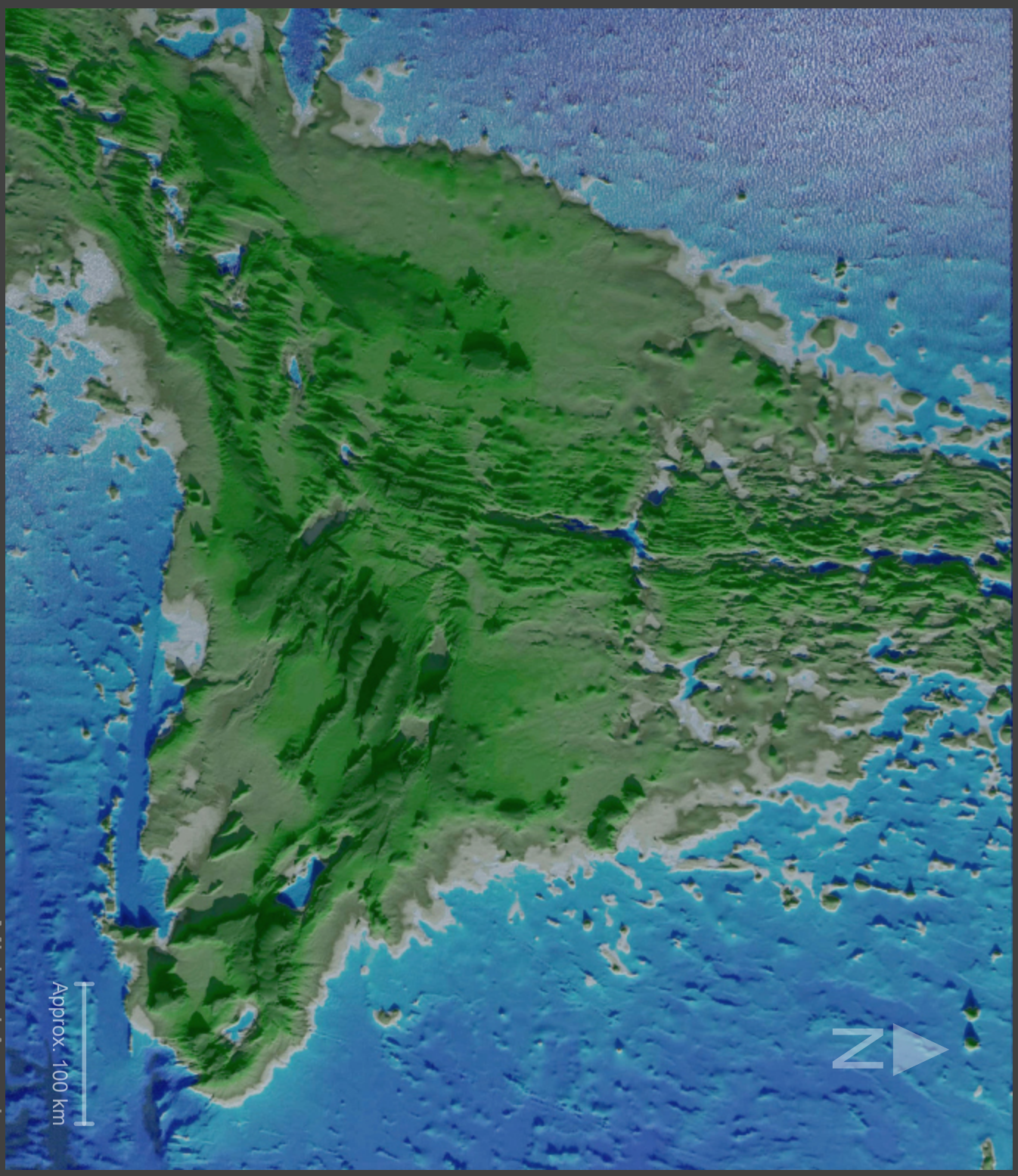

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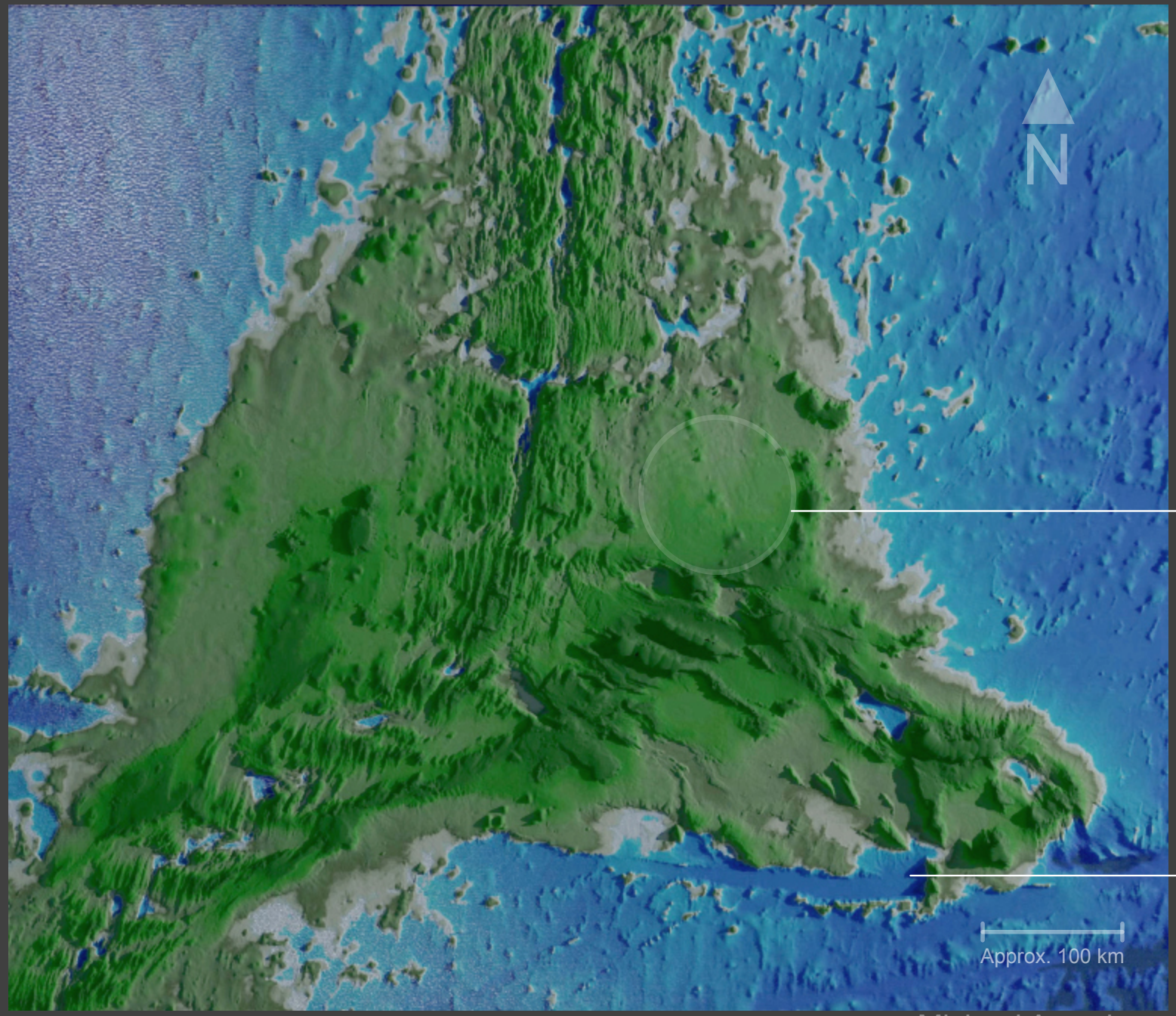

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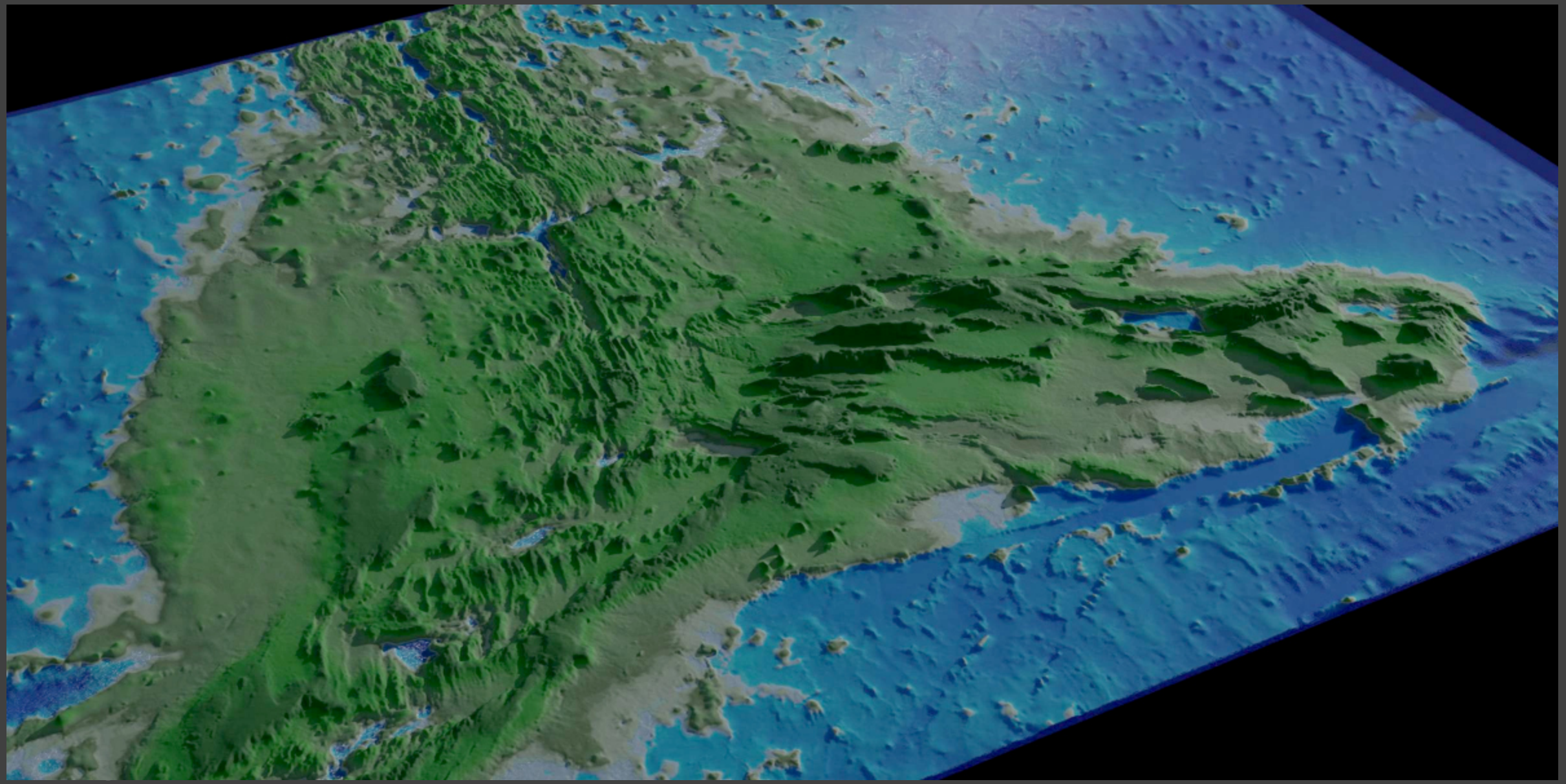

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