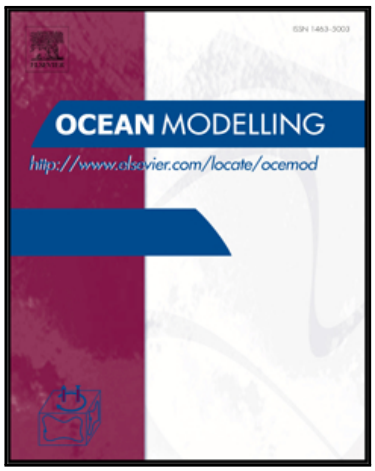

Efficient computation of past global ocean circulation patterns using continuation in paleobathymetry

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Highlights

- A homotopy deformation based continuation in bathymetry is proposed.
- Several major transitions over the last 65 Ma are efficiently modelled.
- The method is demonstrated to be a valid alternative to Newton-Krylov spin-ups.