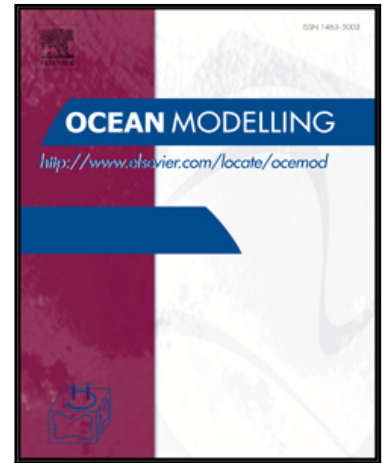


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Optimisation of an idealised primitive equation ocean model using stochastic parameterization

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Highlights

- A sub-grid eddy parameterization is applied to a primitive equation ocean model
- The low resolution turbulent model is optimised towards a high resolution equivalent
- The climatological mean, variance and climate sensitivity is much more accurate
- Stochastic forcing at the surface induces long timescale correlation at depth

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