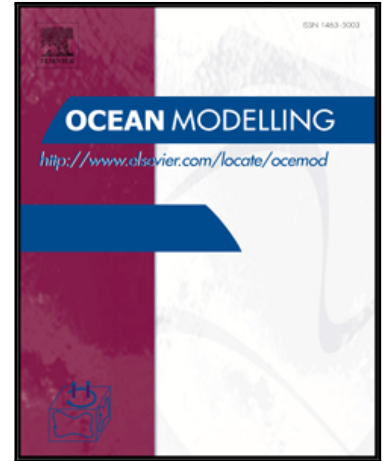


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A numerical scheme for coastal morphodynamic modelling on unstructured grids

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Highlights

- Additional diffusion method appears inappropriate for morphodynamic modelling
- Our method provides improved accuracy and convergence
- Realistic development of coastal bed features is obtained with our method
- Subsequent additional computation time is negligible for fully-coupled simulations

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