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Deutschland

By -

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While greater compliance with measurements is hoped for in the next decade, 10 accuracy is achievable now and should be considered a standard.

While a numerical model may be validated through comparisons with analytical results and laboratory data, this does not necessarily imply physical realism for tsunamis of geophysical scales. One example is wave breaking. While a numerical model may realistically approximate the resolution of the Navier-Stokes equations at laboratory scales, it may not do so at large scales. Calculating the evolution of breaking waves involves calculating turbulent shear terms and invoking turbulence closure constraints which are scale-dependent. . . .



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