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Laboratory investigation on internal solitary waves interacting with a uniform slope

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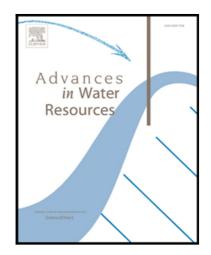
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Highlights

- Empirical relations between ISW and initial experimental setting parameters
- The ISW shoaling process affects the consequent breaking mechanism
- Breaking ISW features nonlinearly related with the increase of pycnocline thickness



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