

What is X Beach?

School of Geosciences



Reivinketal. 2009

GitHub noodelink

solve short wave variations on the wave group scale (short wave envelope) and the long waves

model the propagation of individual waves



non-hydrostatic

surfbear hydrostatic

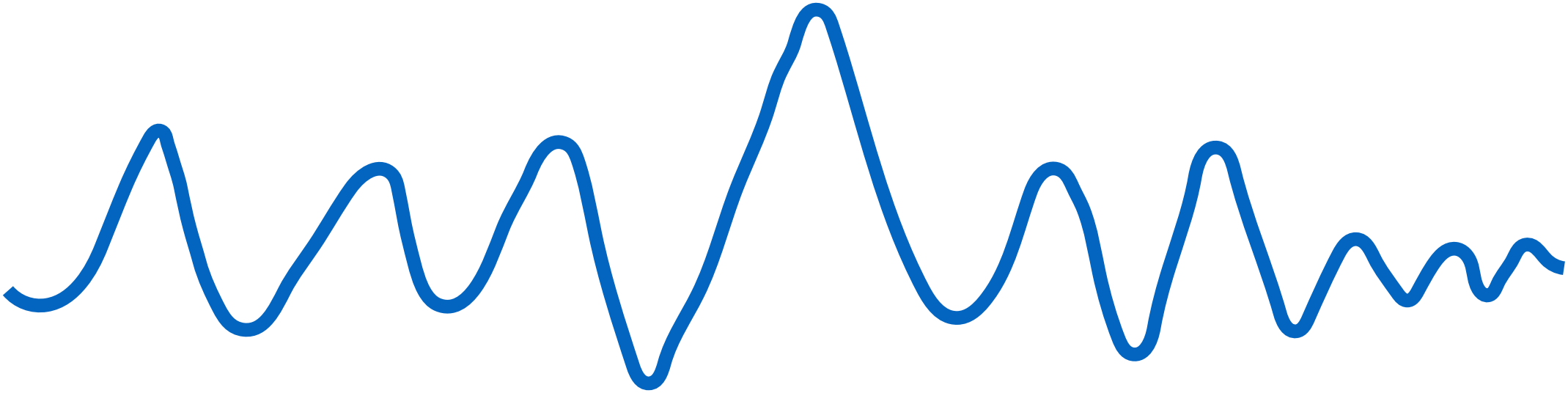


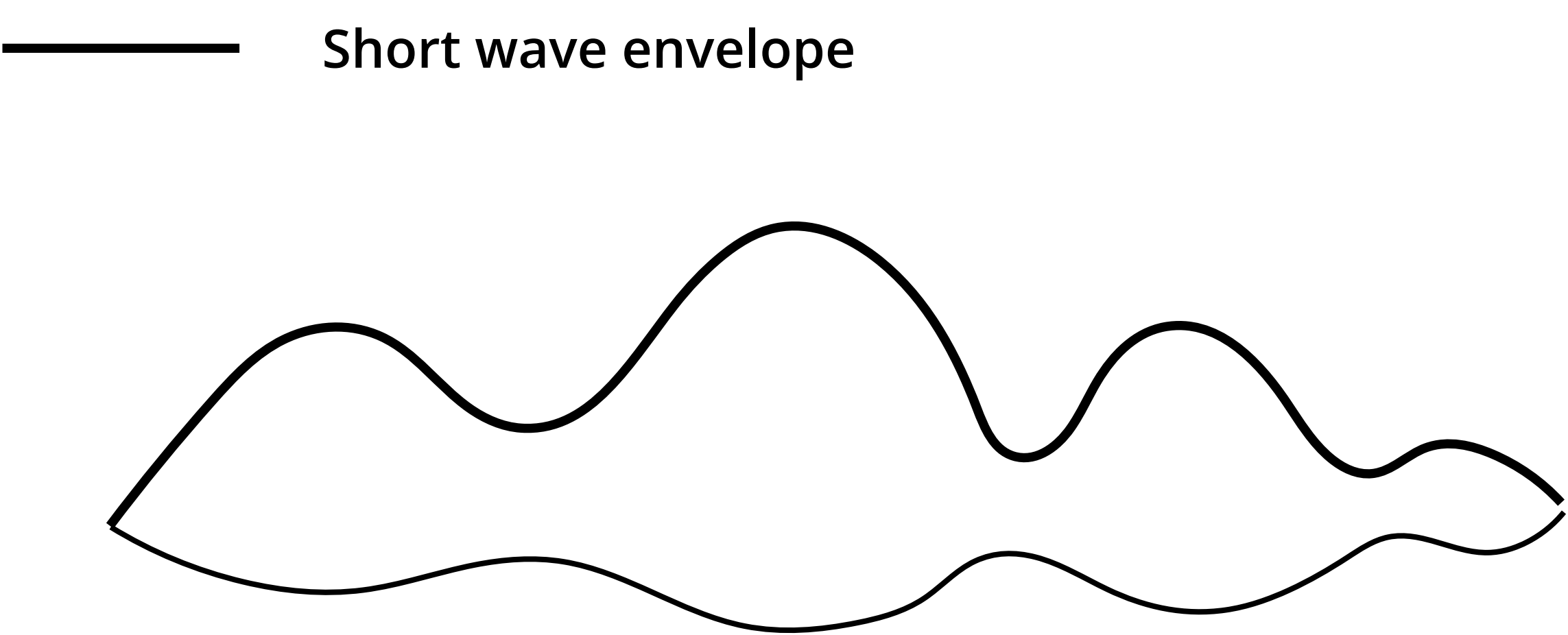










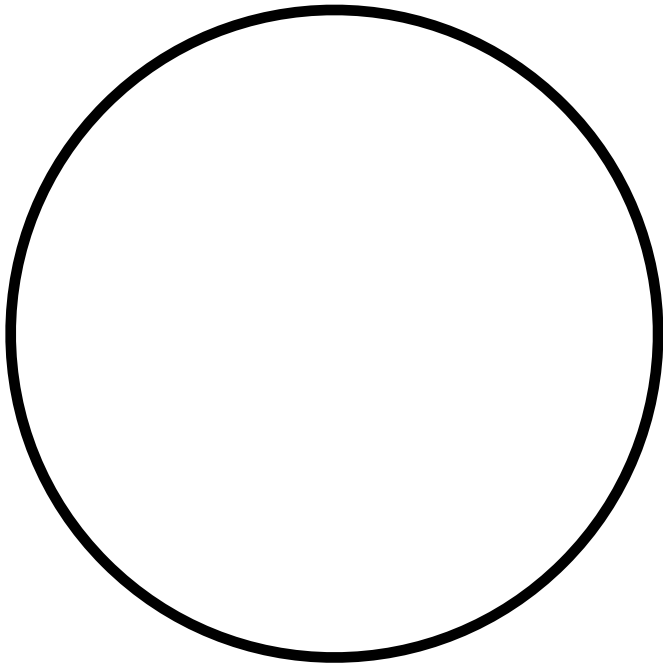


Manvater!

show waves

Long waves

wavebreaking

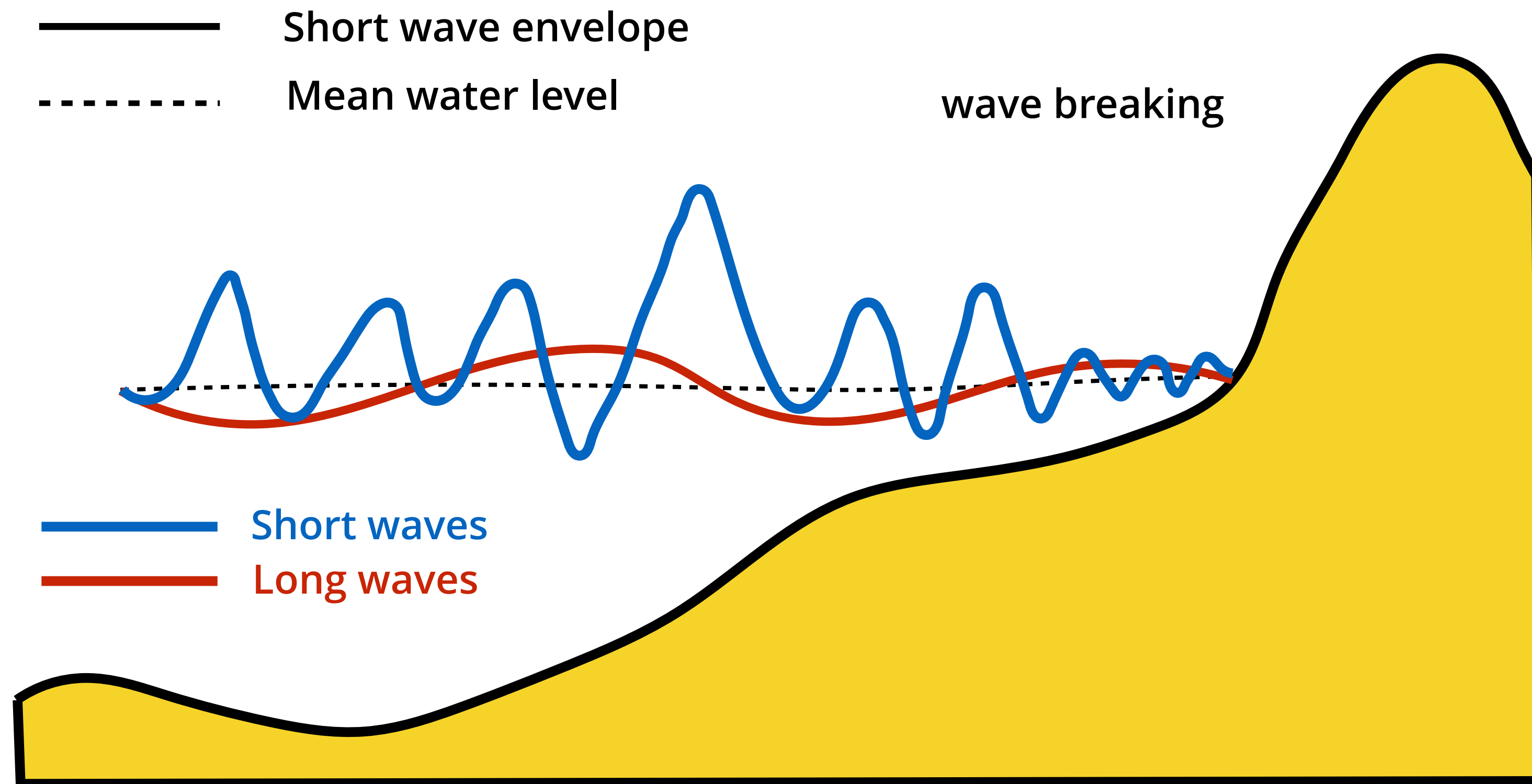


~~Short wave envelope~~



Github model link

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Roelvink et al. 2009

surfbeat hydrostatic

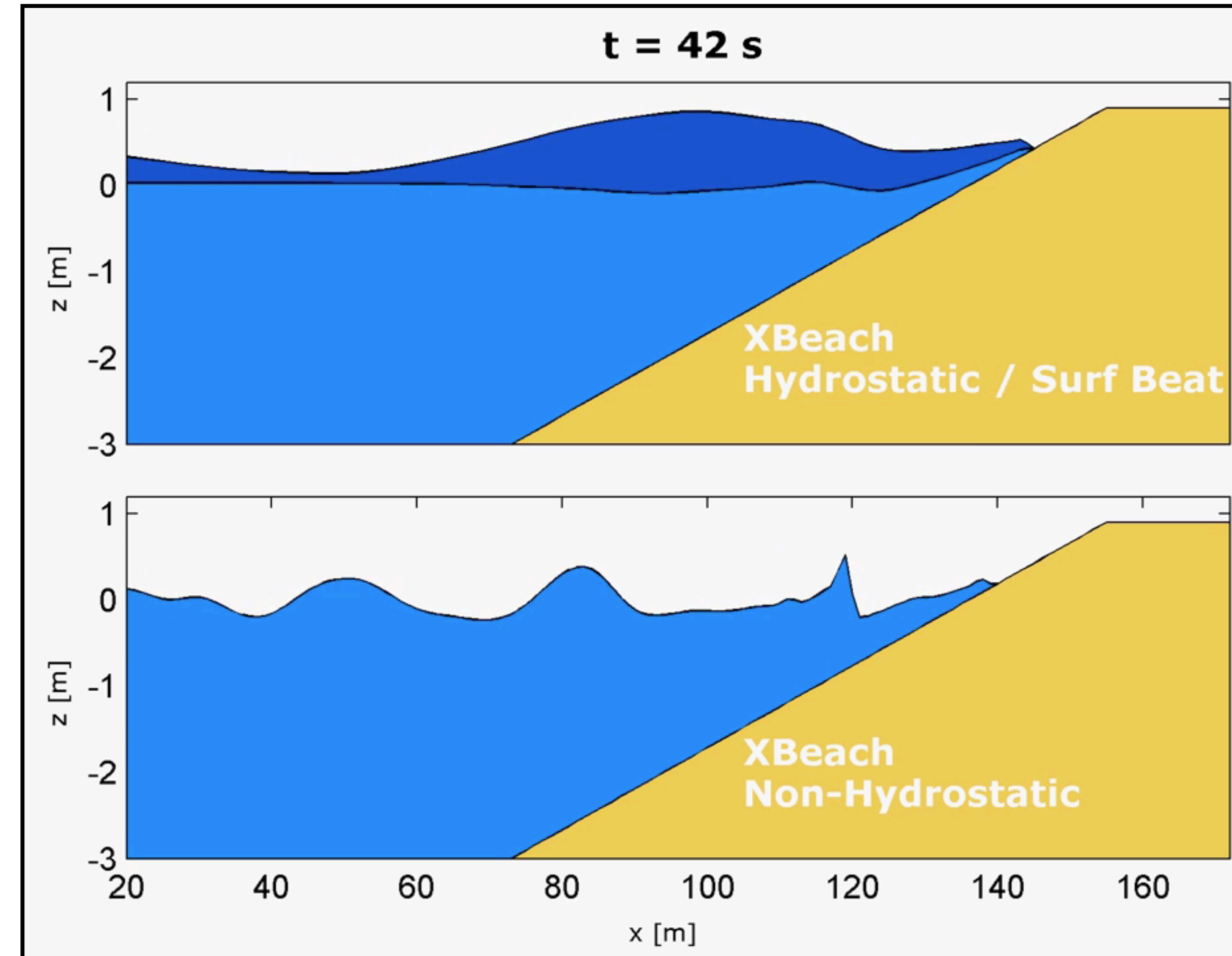
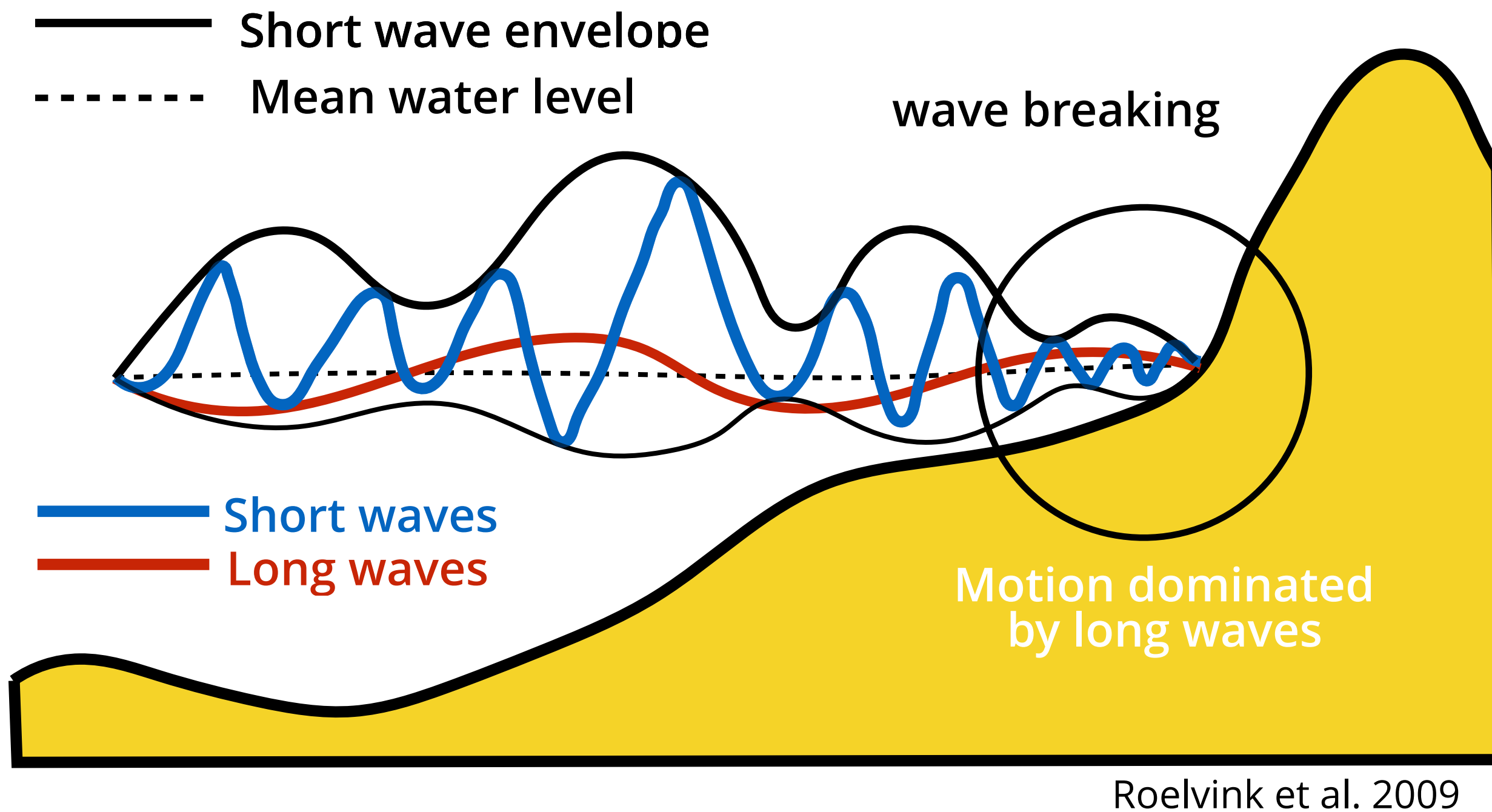
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