

Parameter	Symbol	Unit
Water depth	h	m
Water density	ρ	kg m^{-3}
Kinematic viscosity	ν	$\text{m}^2 \text{s}^{-1}$
Median grain diameter of bed	D_{50}	m
Wave orbital velocity amplitude	U_w	m s^{-1}
Wave period	P_x	s
Current direction	ϕ_c	
Wave direction	ϕ_w	
Sediment density	ρ_d	kg m^{-3}
Significant wave height	H_s	m
Depth-averaged current speed	\bar{U}	m s^{-1}
Angle between wave and current direction	ϕ_d	degrees
Acceleration due to gravity	g	m s^{-2}