

Parameter symbol	Definition	Unit	Range	Reference	Value
v_s	Settling velocity	m s^{-1}	10^{-6} – 10^{-4} *	Brunner (2016)	4×10^{-6}
τ_e	Particle erosion threshold	N m^{-2}	0.1–5	Winterwerp et al. (2012)	2.5
τ_m	Mass erosion threshold	N m^{-2}	$> \tau_e$	Partheniades (1965), Brunner (2016)	3.5
M_{pe}	Particle erosion rate	$\text{kg m}^{-1} \text{d}^{-1}$	0.8–43.2	Winterwerp et al. (2012)	30
M_{me}	Mass erosion rate	$\text{kg m}^{-1} \text{d}^{-1}$	$> M_{pe}$	Partheniades (1965), Brunner (2016)	40
κ	Erodibility coefficient	$\text{m}^3 \text{N}^{-1} \text{d}^{-1}$	0.0001–0.32	Clark and Wynn (2007), Hanson and Simon (2001)	0.0018
τ_{bc}	Critical bank shear stress	N m^{-2}	0–21.91	Clark and Wynn (2007)	5
ρ	Density of bank material	kg m^{-3}	2190–2700	Clark and Wynn (2007)	2650