











Estuarine tidal dynamics under sea level rise				atory
		Parameter	Value	- D
		Estuary length (Z) [km]	40, 80, 160	ab
ΞĽ, Ľ,	Y	Estuary depth (h) [m]	5, 10	Ľ
		Estuary width (B) [m]	1000	- E
Z [km] Z [km]	<i>Z</i> [km]	Estuary width convergence length (L <sub>c</sub> ) [km]	80, 160	esearc
-4		Tidal period (T) [hour]	12.42	Ř
Upstream boundary Model domain	Ocean boundary	Tidal range at the mouth (TR) [m]	0.5, 1, 4	ater
Ri Mean sea level	SLR TR	Restriction width (RW) [%]	0-80	3
	h	Manning's coefficient (n) [s/m <sup>1/3</sup> ]	0.015, 0.03, 0.09	
	*	River inflow/Tidal prism (RI/TP) [%]	0, 1, 5, 10	
		Bed slope (θ) [°]	0, 0.002, 0.004, 0.007	
		Sea level rise (SLR) [m]	0, 1, 2	
Number of runs: ~2000				UNSW











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SLR decreases friction





