NOTATION

A, A'	Scale parameter in equilibrium beach profile expression, see Eq. (10)
B	Berm height
D	Sediment particle diameter
$\mathcal{D}$	Wave energy dissipation rate per unit volume
$\mathcal{D}_*$	Equilibrium wave energy dissipation rate per unit volume
F	Fall velocity parameter, also "function of"
g	Gravitational constant
H_b	Breaking wave height
H_o	Deep water wave height
h	Water depth
h_b	Breaking depth
h_1, h_2	Depth dimensions to features of perched beach, see Figure 32
h_{b_2}	Breaking depth under storm surge conditions
h_{w_1}	Water depth at toe of seawall under normal conditions
K, K_*	Rate constants for offshore sediment transport
K'	Longshore sediment transport proportionality factor
k_D	Constant defined by Eq. (17)
L_o	Deep water wave length
L_1, L_2	Positions of contours L_1 and L_2
m	Shape parameter in equilibrium beach profile, see Eq. (7)
$P_{\ell s}$	Longshore component of wave energy flux at breaking
p	Barometric pressure
Q_s	Offshore sediment transport rate per unit width
R	Beach recession
R_{max}	Radius to maximum winds in a hurricane
S	Water level increase, such as storm tide
T	Wave or storm tide period
t	Time
V_F	Translational speed of a hurricane system
W	Equilibrium distance between two beach profile contours, also barrier island width, see Figure 35
W_2	Breaking zone width under storm surge conditions