	Sand	Loam	Silt clay
S_{max}	1.000	1.000	1.000
S _{min}	0.090	0.298	0.488
α (kPa ⁻¹)	0.380	0.246	0.258
m	0.596	0.316	0.318
n	2.474	1.461	1.466

Table 1. Parameters of the soil-water characteristic curves for sand, loam, and silty clay soil types.

Table 2. Soil physical and mechanical properties (the same values were used for the sand, silt, and clay soil types).

$\rho_s (g/cm^3)$	2.65	Soil particle density	
$\rho_d (g/cm^3)$	1.45	Dry density	
ϕ (degree)	30.0	Internal friction angle	

Table 3. Scaled parameters of the soil-water characteristic curves for different overburden heights.

	D = 5 m	D = 10 m	<i>D</i> = 20 m
S _{max}		1.000	
S _{min}		0.298	
α (kPa ⁻¹)	0.492	0.246	0.123
т		0.316	
n		1.461	

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