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CORRIGENDUM

Corrigendum to: Soil hydraulic properties estimation from one-dimensional infiltration experiments using characteristic time concept

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This article was originally published with incorrectly labeled columns for soil hydraulic parameters in Table 2. The table has been corrected as shown here. In addition, labeling (a, b, and c) has been added to Figure 1 since publication.

TABLE 2 Average soil hydraulic parameters for the van Genuchten (1980) model for 12 USDA textural classes (Carsel & Parrish, 1988) and the sorptivity (*S*) value obtained from the horizontal infiltration simulation

Textural class	θ_r	θ_s	α	n	m	θ_i	K_s	S	β
	——$cm^3\ cm^{-3}$——		cm^{-1}			$cm^3\ cm^{-3}$	$cm\ h^{-1}$	$cm\ h^{-1/2}$	
Clay	0.068	0.380	0.008	1.09	0.083	0.271	0.20	1.02	1.92
Clay loam	0.095	0.410	0.019	1.31	0.237	0.150	0.26	1.46	1.58
Loam	0.078	0.430	0.036	1.56	0.359	0.088	1.04	2.20	1.27
Loamy sand	0.057	0.410	0.124	2.28	0.561	0.057	14.6	6.22	0.80
Sand	0.045	0.430	0.145	2.68	0.627	0.045	29.7	9.23	0.60
Sandy clay	0.100	0.380	0.027	1.23	0.187	0.170	0.12	0.79	1.70
Sandy clay loam	0.100	0.390	0.059	1.48	0.324	0.111	1.31	1.61	1.36
Sandy loam	0.065	0.410	0.075	1.89	0.471	0.066	4.42	3.84	0.99
Silt	0.034	0.460	0.016	1.37	0.270	0.090	0.25	1.35	1.50
Silt loam	0.067	0.450	0.020	1.41	0.291	0.104	0.45	1.66	1.44
Silt clay	0.070	0.360	0.005	1.09	0.083	0.266	0.02	0.35	1.92
Silty clay loam	0.089	0.430	0.010	1.23	0.187	0.197	0.07	0.53	1.70

Note. θ_i, θ_s, and θ_r are initial, saturated, and residual water contents, respectively; α, n, and m are parameters of van Genuchten's (1980) model; K_s is saturated hydraulic conductivity, S is soil sorptivity, and β is an infiltration constant defined by Haverkamp et al. (1994).

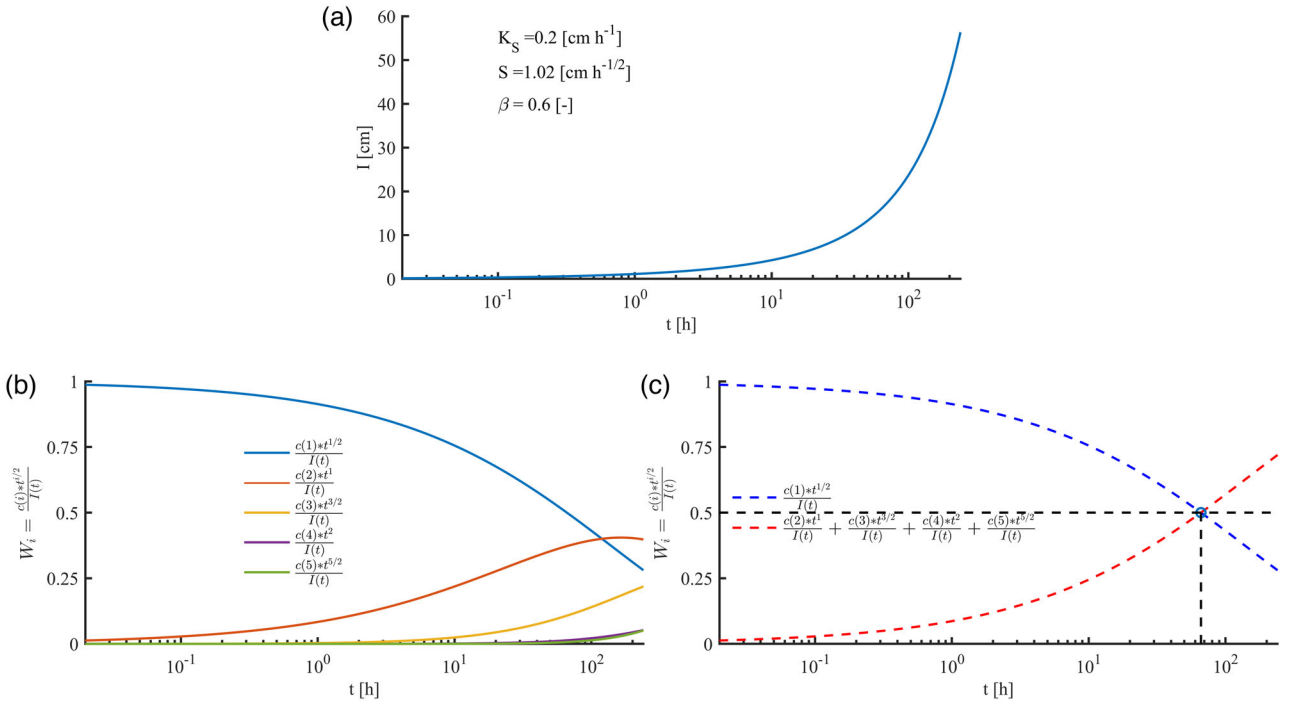

FIGURE 1 The (a) simulated infiltration curve for known values of soil sorptivity (*S*) and saturated hydraulic conductivity (*K*s), (b) temporal variations of the contributions (*W*) of different terms of the five-term equation to the infiltration process, and (c) temporal variations of the first term contribution vs. the contribution of remaining terms. The β is an integral infiltration constant, *t* is time, *I* is cumulative infiltration data, *W* is the contribution of the sorptivity and gravity components to the infiltration process, and *c*(1) to *c*(5) are constants used in approximate expansions of the Haverkamp et al. (1994) formulation