Erratum: Fractal radar scattering from soil
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In the discussion of the wave equation in Sec. II C a variable was missing in Eq. (2.10) and the right-hand side boundary condition was inadvertently omitted. The corresponding text should read as follows:

The agreement between the mass fractal dimension of the high-permittivity points in the soil, and of the positive amplitudes on the georadargram, has also been verified by numerically solving the wave equation [36]

$$\frac{\partial^2}{\partial z^2} E(x,z) + q^2 [\sin^2 \theta_0 + \varepsilon(x,z) - 1] E(x,z) = 0, \tag{2.10}$$

subject to the left- and right-boundary conditions

$$E_z'(x,0) + i\gamma_0 E(x,0) = 2i\gamma_0 e_0, \tag{2.11}$$

$$E_z'(x,L) - i\gamma E(x,L) = 0 \tag{2.12}$$

$[q = \omega/c$ is wave number in vacuum; θ_0 is the angle of incidence; $\varepsilon(x,z)$ is complex dielectric permittivity; $E(x,z)$ is the EM field inside the medium; $e_0(x)$ and $e_r(x)$ are the reflected and transmitted waves, $i = \sqrt{-1}$, $\gamma_0 = \kappa \sin \theta_0$, $\gamma = \kappa \sqrt{\sin^2 \theta_0 + \varepsilon(x,L) - 1}$]. Equations (2.10)–(2.12) were approximated by a symmetric difference equation and solved by the sweep method.

We thank Dr. Ruben Khachaturov, for pointing out these omissions.

We also want to add a missing reference to the companion paper, K. Oleschko, G. Korvin, A.S. Balankin, R.V. Khachaturov, L. Flores, B. Figueroa, J. Urrutia, and F. Brambila, Phys. Rev. Lett. **89**, 188501 (2002).