



Correction: Webb et al. In Situ Determination of Dry and Wet Snow Permittivity: Improving Equations for Low Frequency Radar Applications. *Remote Sens.* 2021, 13, 4617

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Error in Figure

In the original article [1], there was a mistake in Figure 4 as published. **The annotation of Equation (5) was incorrect.** The corrected Figure 4 appears below.







Correction

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Text Correction

There was an error in the original article. There was a typographical error in Equation (5) where a constant was not included.

A correction has been made to Section **3. Results**, **3.2.** *Wet Snow Observations*, **paragraph 1**:

The snow pit observations at the Sandia Mountains and Cameron Pass sites resulted in 92 observations with LWC present and isothermal conditions (necessary for appropriate application of Equation (3)). The values of ρ_s ranged from 147–498 kg m⁻³, observations of θ_w ranged from approximately 0.01 to 0.16, and *k* measurements from 1.15 to 2.83. A regression analysis of *k* as a function of ρ_s and θ_w resulted in a r² value of 0.37 with a RMSE of 0.22 and a standard deviation of 0.21. In terms of deviations from θ_w , this regression results in an RMSE of 0.030 and a standard deviation of 0.032 (Figure 4b). This regression equation for *k* as a function of ρ_s and θ_w is

$$k = \left[1.0 + 0.0014(\rho_s - 1000\theta_w) + 2 \times 10^{-7}(\rho_s - 1000\theta_w)^2\right] + \left(0.01\theta_w + 0.4\theta_w^2\right)k_w, \quad (5)$$

where k_w is the relative permittivity of liquid water at 0 °C (~87.9) and the bracketed portion of the equation is the background effect of dry snow permittivity, described using Equation (4).

The authors apologize for any inconvenience caused and state that the scientific conclusions are unaffected. The original article has been updated.

Reference

1. Webb, R.W.; Marziliano, A.; McGrath, D.; Bonnell, R.; Meehan, T.G.; Vuyovich, C.; Marshall, H.-P. In Situ Determination of Dry and Wet Snow Permittivity: Improving Equations for Low Frequency Radar Applications. *Remote Sens.* **2021**, *13*, 4617. [CrossRef]