Erratum to: Estimation of actual evapotranspiration for a drip-irrigated Merlot vineyard using a three-source model

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The authors would like to make following corrections in the Eqs. 3, 4, and 5. The values of PM^c , PM^s , PM^{bs} are computed by the following equations:

$$PM^c = \frac{\Delta A + \left[\frac{\rho C_p D - \Delta r_a^c A_s}{r_a^a + r_a^c} \right]}{\Delta + \gamma \left[\frac{1 + r_s^c}{r_a^a + r_a^c} \right]} \quad \text{Wrong equation}$$

$$PM^c = \frac{\Delta A + \left[\frac{\rho C_p D - \Delta r_a^c A_s}{r_a^a + r_a^c} \right]}{\Delta + \gamma \left[1 + \frac{r_s^c}{r_a^a + r_a^c} \right]} \quad \text{Correct equation} \quad (3)$$

$$PM^s = \frac{\Delta A + \left[\frac{\rho C_p D - \Delta r_s^s A_c}{r_a^a + r_s^s} \right]}{\Delta + \gamma \left[\frac{1 + r_s^s}{r_a^a + r_s^s} \right]} \quad \text{Wrong equation}$$

$$PM^s = \frac{\Delta A + \left[\frac{\rho C_p D - \Delta r_s^s A_c}{r_a^a + r_s^s} \right]}{\Delta + \gamma \left[1 + \frac{r_s^s}{r_a^a + r_s^s} \right]} \quad \text{Correct equation} \quad (4)$$

$$PM^{bs} = \frac{\Delta A + \left[\frac{\rho C_p D}{r_a^a + r_a^{bs}} \right]}{\Delta + \gamma \left[\frac{1 + r_s^{bs}}{r_a^a + r_a^{bs}} \right]} \quad \text{Wrong equation}$$

$$PM^{bs} = \frac{\Delta A_{bs} + \left[\frac{\rho C_p D}{r_a^a + r_a^{bs}} \right]}{\Delta + \gamma \left[1 + \frac{r_s^{bs}}{r_a^a + r_a^{bs}} \right]} \quad \text{Correct equation} \quad (5)$$

where A is the total energy available above the vineyard ($W m^{-2}$), A_s is the available energy of soil under vine canopy ($W m^{-2}$), A_c is the available energy of vine canopy ($W m^{-2}$), A_{bs} is the available energy of bare soil ($W m^{-2}$) ($A_{bs} = R_n - G_{bs}$), Δ is the slope of the vapor pressure versus temperature curve ($kPa \text{ } ^\circ C^{-1}$), C_p is the specific heat capacity of the air at constant pressure ($1,013 J kg^{-1} \text{ } ^\circ C^{-1}$), ρ is the air density ($kg m^{-3}$), γ is the psychrometric constant ($kPa \text{ } ^\circ C^{-1}$), D is the water vapor deficit of the air at the reference height (z_r) (kPa), r_a^c is the aerodynamic resistance of the vine from the leaf surface to mean surface flow height (z_m) ($s m^{-1}$), r_a^a is the aerodynamic resistance between z_m and z_r ($s m^{-1}$), r_a^{bs} is the aerodynamic resistance between the bare soil surface between rows and z_m ($s m^{-1}$), r_s^s is the aerodynamic resistance between the soil under vine canopy and z_m ($s m^{-1}$), r_s^c is the canopy resistance ($s m^{-1}$), r_s^s is the soil surface resistance under vine canopy ($s m^{-1}$), and r_s^{bs} is the soil surface resistance between rows ($s m^{-1}$).

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