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Discussions

Interactive comment on "Monthly-averaged maps of surface BRDF parameters in ten spectral bands for land and water masses" by Philippe Blanc et al.

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This looks like it will be a handy source of gap-filled climatological BRDF parameters for albedo calculations.

While reading this manuscript, I noticed that Equations 1 and 2 are swapped. Equation 1 is the calculation for white-sky albedo (pws), and Equation 2 is that for black-sky albedo (pbs). See e.g. Lucht et al (2000) at http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=841980 for the original source of these equations.

White-sky albedo has no geometric dependence (so the theta_s can also be dropped from the left-hand side of that equation), while black-sky albedo does.