

***Interactive comment on “Technical Note:  
Evaluating a simple parameterization of radiative  
shortwave forcing from surface albedo change” by  
R. M. Bright and M. M. Kvalevåg***

**R. M. Bright and M. M. Kvalevåg**

ryan.m.bright@ntnu.no

Received and published: 14 October 2013

We thank the reviewers for their helpful and constructive comments. We do agree that a site-by-site analysis of the results would be more informative, thus we elect to add two new tables showing the percent deviation in monthly  $R_s$  and  $R_F$  between the two models across months together with the correlation coefficient at each site. We also agree that a comparison of both Simple and DISORT  $R_s$  estimates to in-situ observations would ensure some confidence in model accuracy, and fortunately we were able to identify flux-tower sites within two of our case regions for benchmarking. These results will be included in two new figures, and new text will be adapted accordingly.

C7991

---

Interactive comment on Atmos. Chem. Phys. Discuss., 13, 18951, 2013.