Interactive comment on “Reflectance properties of selected arctic-boreal land cover types: field measurements and their application in remote sensing” by J. I. Peltoniemi et al.

Anonymous Referee #3

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The paper presents results of extensive field measurement campaigns carried out in various locations at northern latitudes. The data are of interest to a wide community, and thus worth to be published. However, the paper is poorly written and the presentation of results is inadequate. The overall recommendation is to rewrite the paper and a total re-consideration on how to present the results of the paper. Now the results are presented in Figures 4 and 5 in a manner that appears to be quite useless to a reader (and also with a very poor graphical quality). The authors should consider what useful results they could really derive from the data, maybe they should also present some tabulated values relevant to some key satellite instruments? It is odd that data from Australia is mentioned in Table 1.
The discussion part of the paper is also quite odd including unrealistic speculations. How do the authors really end-up to some of their conclusions based on their data set and related analysis (e.g. the overstatement on the need of revising the remote sensing development chain)?

Recommendation: Resubmit a new totally revised (rewritten) paper.

Interactive comment on Biogeosciences Discuss., 5, 1069, 2008.