

***Interactive comment on “An improved NO₂ retrieval for the GOME-2 satellite instrument” by
A. Richter et al.***

Anonymous Referee #1

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Concerning empirical sand/soil correction: It would be interesting to look at some kind of NDVI (derived from the GOME2 spectra). This could help to decide on the speculation whether this ratio is rather a "missing vegetation" spectrum than a "sand/soil" spectrum.

Interactive comment on Atmos. Meas. Tech. Discuss., 4, 213, 2011.