

## ***Interactive comment on “Some fundamentals of handheld snow surface thermography” by C. Shea and B. Jamieson***

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The article Hori et al. In-situ measured spectral directional emissivity of snow and ice in the 8–14  $\mu\text{m}$  atmospheric window. Remote Sens Environ (2006) vol. 100 (4) pp. 486–502 [http://www.ingentaconnect.com/content/external-references?article=0034-4257\(100L486%5Baid=8453581%5D](http://www.ingentaconnect.com/content/external-references?article=0034-4257(100L486%5Baid=8453581%5D)

shows that snow temperature measurements are strongly influenced by the optical diameter of snow. This should be considered in the discussion and conclusion

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Interactive comment on The Cryosphere Discuss., 4, 1467, 2010.