

## ***Interactive comment on “Recent advances in land surface climate observations on the Tibetan Plateau” by Y. Ma et al.***

**Y. Ma**

ymma@itpcas.ac.cn

Received and published: 16 May 2009

Q: Figure 4 shows the surface albedo variation over the Tibetan Plateau from in-situ measurements. Is the seasonal variation only due to the snow cover effect, or other processes could also affect the albedo values? For example, Wang et al. (2005) showed the dependence of soil albedo on surface soil moisture at shorter timescales in this area.

A: The seasonal variation of surface albedo not only due to the snow cover effect, other processes (e.g.the vegetation status over the Tibetan Plateau) could also affect the albedo value.

---

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 6, 943, 2009.

C704