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Comment

## ***Interactive comment on “Wetland succession in a permafrost collapse: interactions between fire and thermokarst” by I. H. Myers-Smith et al.***

**I. H. Myers-Smith et al.**

Received and published: 20 May 2008

Interactive comment on Wetland succession in a permafrost collapse: interactions between fire and thermokarst by I. H. Myers-Smith et al. M. Evans (Referee) martin.evans@manchester.ac.uk

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Detailed responses to referee M. Evans:

What evidence is there that fire enhances the rate of collapse. If there was physical or morphological evidence of collapse rejuvenation post the 2001 fire it needs to be detailed. At the moment I can't see anything presented here which unequivocally supports this claim.

We observed a 6 m lateral expansion of the collapse, which was measured by com-

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paring the site directly after the fire in 2001 and each year prior in the 2002, 2003 and 2004 field seasons. This expansion is discussed in the first sentence of this paragraph, in figure 2, and also in the site description.

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Interactive comment on Biogeosciences Discuss., 4, 4507, 2007.

**BGD**

4, S2899–S2900, 2008

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