

Interactive comment on “Vegetation dynamics and soil water balance in a water-limited Mediterraneanecosystem on Sardinia, Italy” by N. Montaldo et al.

N. Montaldo et al.

Received and published: 28 July 2008

Comment: This paper represents an innovative contribution in modeling land surface processes with the inclusion of vegetation dynamics. Although the current status of vegetation growth models is characterized by a large extent of empiricism, the model proposed maintains a simple scheme with a relatively limited number of parameters. The proposed approach has been validated only in two sites with micrometeorological data; field measurements of LAI are not described in detail. However, the entire approach appears particularly suitable for setting up a data-assimilation scheme. Response: we thank the reviewer. The manuscript was revised in several places. For instance, the following text has been added: "In each campaign approximately 8 measurements of LAI were performed for each PFT around the field. Average LAI values

Full Screen / Esc

Printer-friendly Version

Interactive Discussion

Discussion Paper



of each campaign are reported in Figure 3"

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 5, 219, 2008.

HESSD

5, S787–S788, 2008

Interactive
Comment

Full Screen / Esc

Printer-friendly Version

Interactive Discussion

Discussion Paper

S788

