Hydrol. Earth Syst. Sci. Discuss., 5, S476–S477, 2008 www.hydrol-earth-syst-sci-discuss.net/5/S476/2008/ © Author(s) 2008. This work is distributed under the Creative Commons Attribute 3.0 License.



HESSD

5, S476–S477, 2008

Interactive Comment

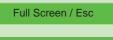
Interactive comment on "Ecohydrologic controls on vegetation density and evapotranspiration partitioning across the climatic gradients of the central United States" by J. P. Kochendorfer and J. A. Ramírez

S. Manfreda (Editor)

manfreda@unibas.it

Received and published: 6 June 2008

The paper entitled "*Ecohydrologic controls on vegetation density and evapotranspiration partitioning across the climatic gradients of the central United States*" by J. P. Kochendorfer and J. A. Ramírez applies the Statistical-Dynamical Ecohydrology Model (SDEM) over thirty years in a large region of US with significant climatic and vegetation gradients. This paper should be considered the natural continuation of the work entitled "*Modeling the monthly mean soil water balance with a statistical-dynamical ecohydrology model as coupled to a two-component canopy model*" presented in this special



Printer-friendly Version

Interactive Discussion

Discussion Paper



issue by the same authors.

Both referees have made a constructive review of the manuscript finding this paper interesting and suitable for publication after **Major Revisions**. I would like to remark to comments made by the referee 2 regarding the calibration approach that requires probably to be reconsidered especially for the evapotranspiration parameters.

HESSD

5, S476–S477, 2008

Interactive Comment

Full Screen / Esc

Printer-friendly Version

Interactive Discussion

Discussion Paper



Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 5, 649, 2008.