Hajnalka Breuer

Publications list – January 2014

- Cumulated impact factor: 7.1
- Articles in refereed journals (in Hungarian): 15 (6)
- Teaching materials: 2
- Conference paper (in Hungarian): 9 (7)
- Conference abstracts (in Hungarian): 22 (7)
- Poster presentations on international conferences: 13
- Other papers: 7
- Oral presentations on international conferences, scientific institutes: 4
- Oral presentations on national (Hungarian) conferences: 4

Articles in refereed journals


Ács, F., Horváth, Á., Breuer, H., Rubel, F., 2010: Sensitivity of local convective precipitation to parameterization of the field capacity and wilting point soil moisture contents. *Időjárás*, 114 (1-2), 39–55. (IF=0,189)


Ács, F., Horváth Á., Breuer, H., 2008: The role of soil on weather. *Agrokémia és Talajtan*, 57(2), 225–238. (in Hungarian)


**University textbooks**


**Conference papers**


Conference abstracts


Breuer, H., Ács, F., Horváth, Á., Németh, P., Rajkai, K., 2013: Validation of WRF simulated PBL height and soil moisture in dry summer conditions. 13th Annual Meeting of the European Meteorological Society (EMS)/ 11th European Conference on Applications in Meteorology


Other papers

Ács, F., Breuer, H., 2012: The role of soil in meteorology and climatology. Légkör, 57(4:2), 144-146. (in Hungarian)


Ács F., Breuer, H., Szelepcsényi Z., Kozma I., 2010: Comparison of the Köppen’s and Holdridge’s Climate Classifications using a Global Scale Climate Dataset. Légkör, 55(3), 102-107. (in Hungarian)

Ács, F., Szelepcsényi, Z., Breuer, H., 2010: Comparison of the Köppen’s and Thornthwaite’s Climate Classifications using a Global Scale Climate Dataset. Légkör, 55(3), 93-102. (in Hungarian)


Breuer, H., 2009: The strength of the relationship between vegetation and atmosphere. Légkör. 54(3), 8–11. (in Hungarian)


Dissertations, research reports

Breuer, H., 2008: Validation of MM5 modelled precipitation values with rain-gauge measurements in Hungary with respect to soil hydraulic parameterisation. Detailed summary of the work taken place during AÖU PhD Scholarship at the Veterinämedizinische Universität, Wien, Austria. 40 pp.


Breuer, H., 2007: Climatological modelling of evapotranspiration and soil water content in Hungary. 28th Hungarian Scientific Student Conference, Szeged, April 4-6, 28 pp, (in Hungarian)


Oral presentations on national and international conferences

Breuer, H., Ács, F., Gyöngyösi, A.Z., Rajkai, K., 2013: Behavior of planetary boundary layer height in long lasting anticyclonic weather period, 10th Int. Conf. on Agrophysics 5-7 June, 2013. Lublin, Poland.


**Posters on international conferences**


Szász, G., Ács, F., Breuer, H., Szalai, Sz., 2005: Climate of Debrecen from the point of view of Thornthwaite. 5th ALPS-ADRIA Scientific Workshop, 6–11. March 2006., Opatija, Croatia. (poszter)