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Climate of the Past Discussions

Interactive comment on "Documentary data and the study of the past droughts: an overview of the state of the art worldwide" *by* Rudolf Brázdil et al.

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Dear authors,

I believe you missed some relevant references about studies on past drought, mostly from Europe. A synthesis can be found in: Stahl, K., Tallaksen, L.M. and Hannaford, J. (2018): Ch. 1.2 Recent Trends in Historical Drought, In: Iglesias, A., Assimacopoulos, D. and Van Lanen, H.A.J. (Eds.) (2018): Drought: Science and Policy. Wiley Blackwell, 258 pg. (https://www.wiley.com/en-nl/Drought:+Science+and+Policy-p-9781119017073)

I suggest to read the following: BARD, A., RENARD, B., LANG, M., GIUNTOLI, I., KORCK, J., KOBOLTSCHNIG, G., JANZA, M, D'AMICO, M., AND VOLKEN, D. (2015).

Trends in the hydrologic regime of Alpine rivers. Journal of Hydrology, 529, 1823-1837. Doi: 10.1016/j.jhydrol.2015.07.052 COCH A., AND MEDIERO, L. (2016) Trends in low flows in Spain in the period 1949–2009. Hydrological Sciences Journal, 21: 568-584. 10.1080/02626667.2015.1081202 DAI, A. Increasing Drought Under Global Warming In Observations And Models. Nature Clim. Change 3, 52–58 (2013). FOLLAND, C. K., HANNAFORD, J., BLOOMFIELD, J. P., KENDON, M., SVENSSON, C., MARCHANT, B. P., PRIOR, J., AND WALLACE, E. (2015) Multi-annual droughts in the English lowlands: a review of their characteristics and climate drivers in the winter half-year, Hydrol. Earth Syst. Sci., 19, 2353-2375, doi:10.5194/hess-19-2353-2015. GUDMUNSSON, L., AND SENEVIRATNE, S. I. (2015) European Drought Trends. IAHS, 369, 75-79. HANNAFORD, J., AND MARSH, T. J. (2006) an assessment of trends in UK runoff and low flows using a network of undisturbed catchments, Int. J. Climatol. 26, 1237–1253. DOI: 10.1002/JOC.1303 HANNAFORD, J., BUYS, G., STAHL, K., AND TALLAKSEN, L.M. (2013) The influence of decadal-scale variability on trends in long European streamflow records, Hydrol. Earth Syst. Sci., 17,2717-2733, DOI:10.5194/HESS-17-2717-2013. KINGSTON, D.G., STAGGE, J.H., TALLAKSEN, L.M., AND HANNAH, D.M. (2015) European-scale drought: understanding connections between atmospheric circulation and meteorological drought indices. J. Climate, 28, 505–516. DOI: 10.1175/JCLI-D-14-00001.1 NASR A., AND BRUEN M. (2017). Detection of trends in the 7- day sustained low-flow time series of Irish rivers, Hydrological Sciences Journal, DOI: 10.1080/02626667.2016.1266361 ORLOWSKY, B., AND SENEVIRATNE, S.I. (2013). Elusive Drought: Uncertainty In Observed Trends And Short- And Long-Term Cmip5 Projections, Hydrol. Earth Syst. Sci., 17, 1765–1781. SHEFFIELD, J., WOOD, E.F. AND RODERICK, M.L. (2012). Little Change In Global Drought Over The Past 60 Years. Nature 491, 435–438. SPINONI, J., NAUMANN, G., AND VOGT, J. (2015). Spatial Patterns Of European Droughts Under A Moderate Emission Scenario. Adv. Sci. Res., 12, 179-186. SPINONI, J., NAUMANN, G., AND VOGT, J.V. (2017). Pan-European seasonal trends and recent changes of drought frequency and severity. Global and Planetary Change, 148, 113-130. DOI:

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