

Articles related to the press release “Sun’s impact on climate change quantified for first time” (27.03.2017) on the project Future and past solar influence on the terrestrial climate

T. Sukhodolov et al: Modeling of the middle atmosphere response to 27-day solar irradiance variability. Journal of Atmospheric and Solar-Terrestrial Physics (2017)
[doi:10.1016/j.jastp.2016.12.004](https://doi.org/10.1016/j.jastp.2016.12.004) ([pdf](#))

A. Malik et al.: Decadal to multi-decadal scale variability of Indian summer monsoon rainfall in the coupled ocean-atmosphere-chemistry climate model SOCOL-MPIOM. Climate Dynamics (2017) doi:10.1007/s00382-017-3529-9 ([open access](#))

S. Brönnimann et al.: Multidecadal variations of the effects of the Quasi-Biennial Oscillation on the climate system Atmos. Chem. Phys. (2016) doi:10.5194/acp-16-15529-2016 ([open access](#))

W. T. Ball et al: An upper-branch Brewer–Dobson circulation index for attribution of stratospheric variability and improved ozone and temperature trend analysis Atmos. Chem. Phys. (2016) doi:10.5194/acp-16-15485-2016 ([open access](#))

P. Arsenovic et al.: The influence of Middle Range Energy Electrons on atmospheric chemistry and regional climate, Journal of Atmospheric and Solar-Terrestrial Physics (2016) doi:10.1016/j.jastp.2016.04.008 ([open access](#))

Stefan Muthers et al.: Response of the AMOC to reduced solar radiation – the modulating role of atmospheric chemistry. Earth Syst. Dynam. (2016) doi:10.5194/esd-7-877-2016 ([open access](#))

W. T. Ball et al.: High solar cycle spectral variations inconsistent with stratospheric ozone observations. Nature Geoscience (2016) [doi:10.1038/ngeo2640](https://doi.org/10.1038/ngeo2640). [Arxiv preprint](#)

S. Brönnimann et al.: Southward shift of the northern tropical belt from 1945 to 1980. Nature Geoscience (2015). [doi:10.1038/ngeo2568](https://doi.org/10.1038/ngeo2568)