

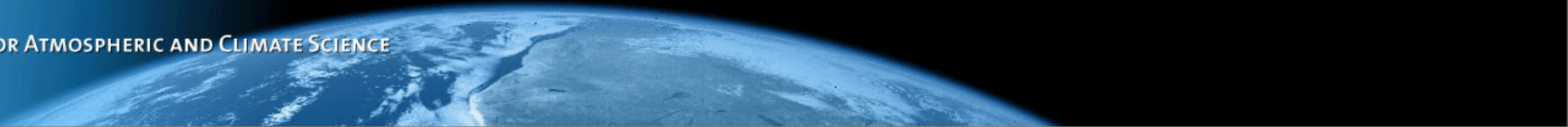
# Validation and further development of a new runoff scheme for the TERRA land surface model

Daniel Regenass

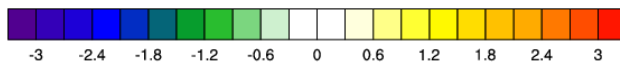
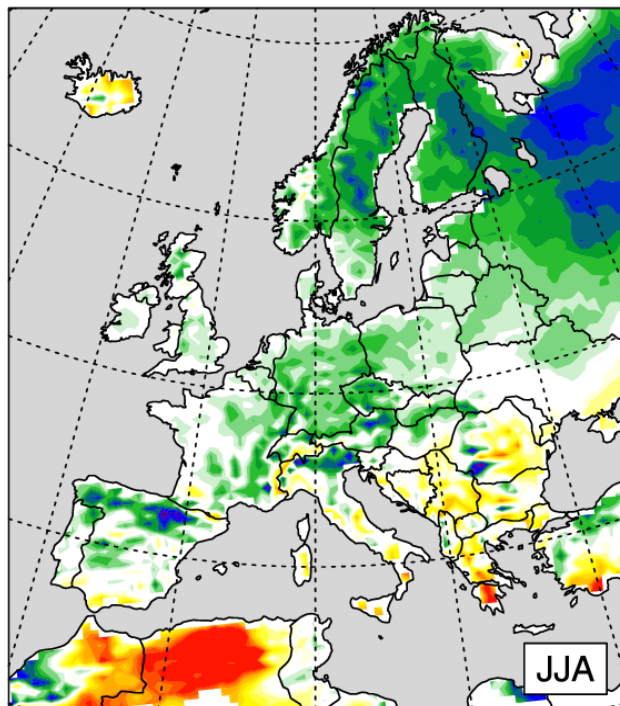
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Dr. Oliver Fuhrer

Prof. Dr. Christoph Schär



## T2m bias 1981-1985 (old scheme)



New scheme:  
Impermeable lower  
boundary condition

$$Q = K_g L_n^{-1} S$$

Schlemmer et al. 2017 (in  
preparation)

## T2m bias difference

