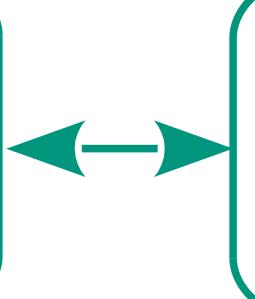
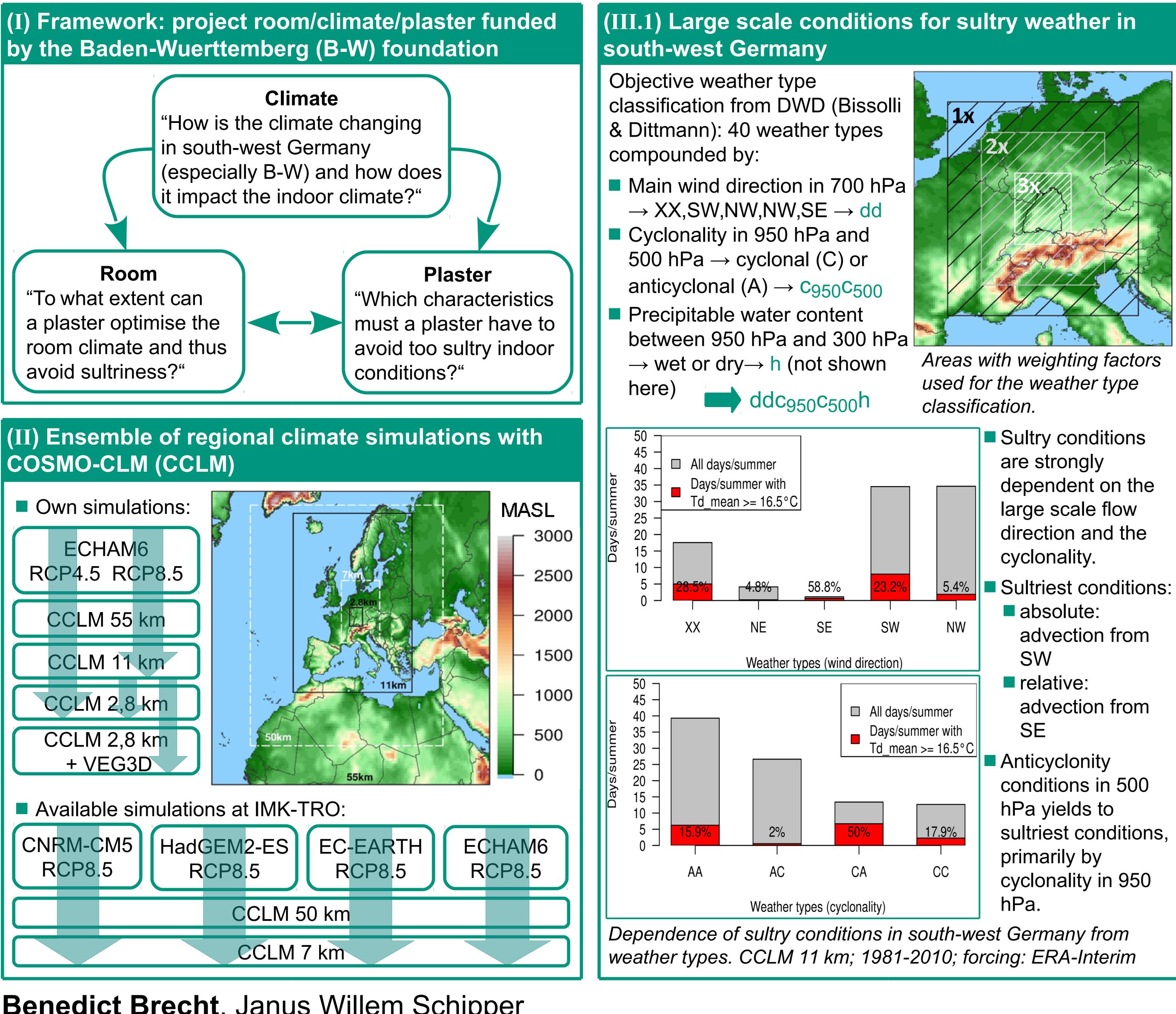


Analysis of sultriness-triggering parameters using high resolution regional climate simulations

"How is the climate changing

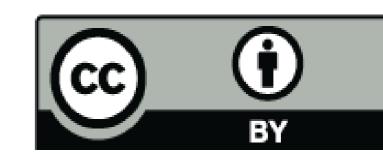


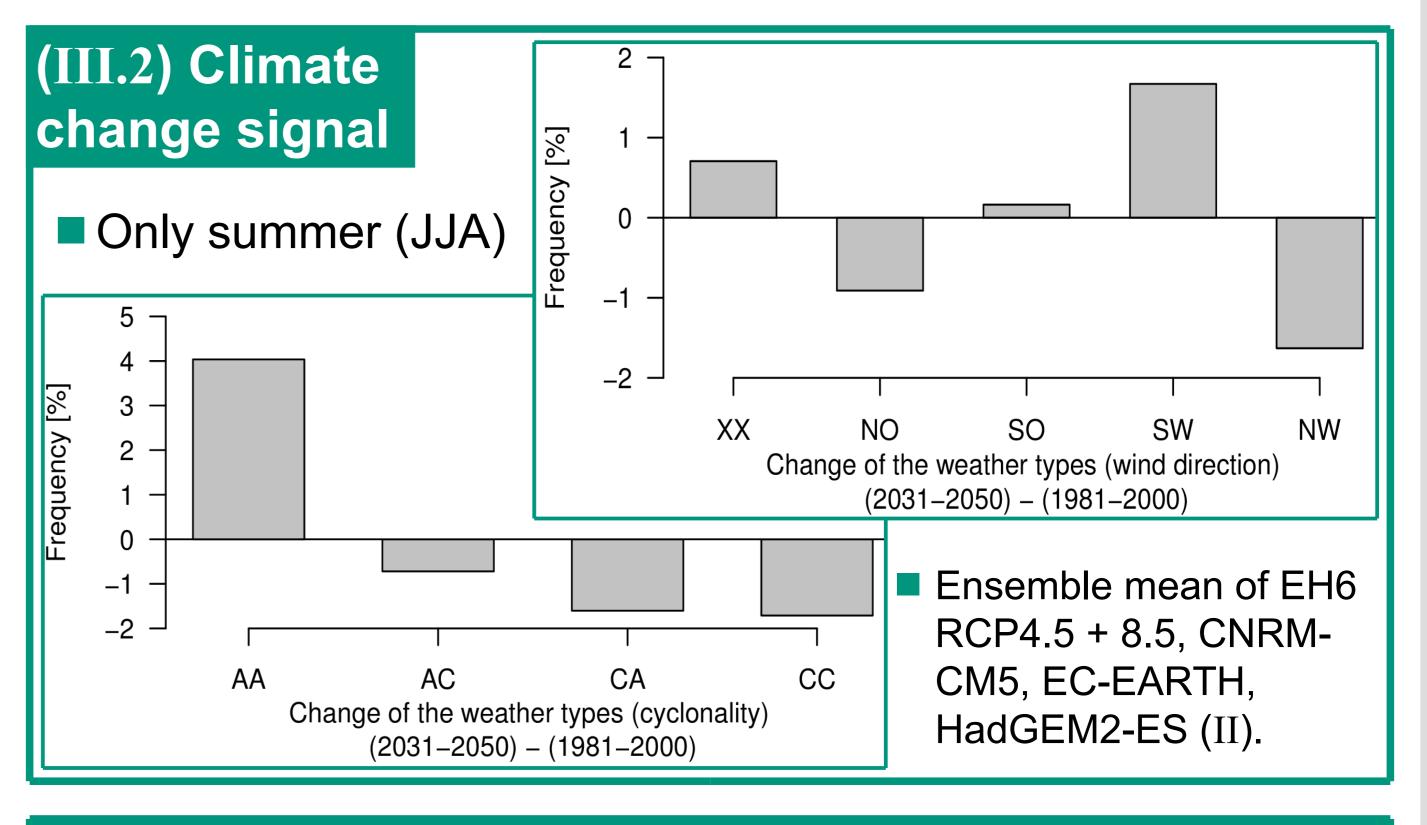


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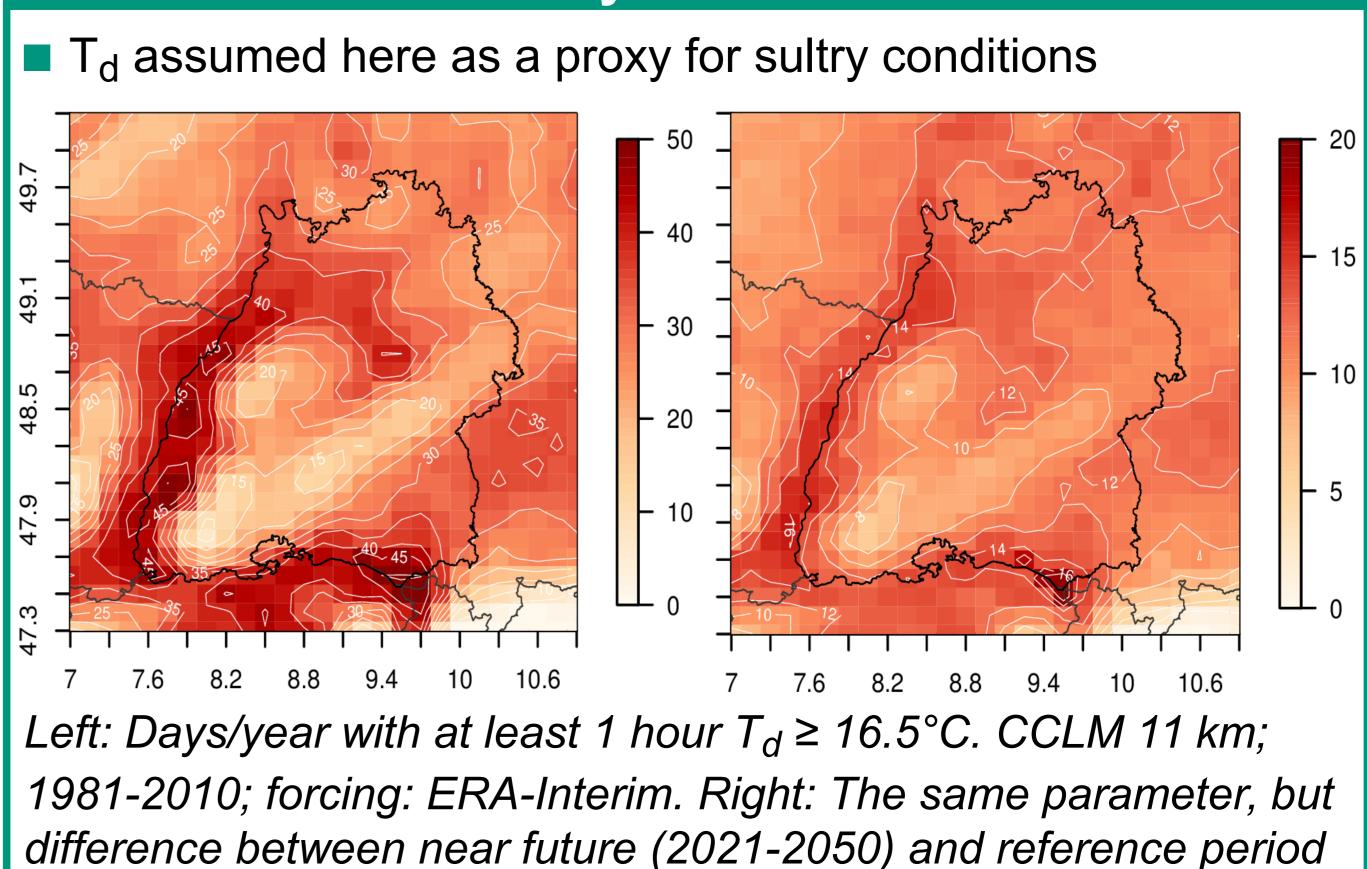
KIT – The Research University in the Helmholtz Association

Institute of Meteorology and Climate Research **Department Troposphere Research (IMK-TRO)**





(IV) Climate signal of the dew point temperature (T_d) for south-west Germany



(1981-2010); CCLM 11km; forcing ECHAM6 RCP8.5.

(V) In progress

- Use complete ensemble instead of one simulation, for example in IV.



Small scale processes for sultry conditions in south-west Germany (e.g. orography, local wind systems, and landuse).

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