

Ongoing/Future WG3b Activities at DWD

- ICON seamless; JSBACH + VDIFF in icon-nwp.
 - Roland Wirth started July 1st, is working on the implementation
 - NWP-performance of JSBACH+VDIFF will be evaluated (in addition to seasonal and decadal scales)
 - Integration of JSBACH external parameters (boundary conditions) into Extpar – work in progress at MPIM
 - Further work on the interface atmosphere – land is foreseen (ICON consolidated); keep stand-alone capability in mind
- ICON-LAND will be the land component of ICON
 - ICON-LAND as software architecture, currently holds JSBACH
 - Inclusion of modular code parts into ICON-LAND
- BMBF Proposal WarmWorld (<https://warmworld.de/>): pre-proposal submitted
 - Integration of the hydrological model ParFlow (<https://parflow.org/>) into ICON-LAND
 - Redesign interface between land and atmosphere
 - Provide interfaces to the larger community (biogeochemical cycles, ...). Separation of concerns