

TERRA: developments plan at DWD

Task ID	Task description	J. Helmert	J.-P. Schulz	M. Raschendorfer	U. Schättler	G. Zängl	A. Seifert	Status
001	Implementation of a canopy layer	Q	C	R		A	I	●
004	TERRA-URB	Q	R	C	C	A	I	●
005	Implementation of the RHM Mires scheme	Q R				A	I	●●
007	Impact of air gaps in frozen soil on soil heat conduction	Q C				R A	I	●
008	Using improved soil data in TERRA	Q R			C	A	I	●
009	Unified TERRA in ICON/COSMO	Q R			C	A	I	●
010	ML Snow model	Q			R	A	I	●●
013	Revision of diurnal plant evapotranspiration	Q C				R A	I	●
014	Revision of annual LAI cycle with T2M ERA40 data	Q C				R A	I	●
015	Bugfix for hyd. conductivity in water transport	Q R				A	I	●
016	Revision of water infiltration	Q C				R A	I	●
017	EXTPAR 5.0 @ DWD	Q R				A	I	●●
018	EXTPAR 5.0 GRIB	Q R				A	I	●
019	EXTPAR 5.0 Emissivity	Q R				A	I	●
020	EXTPAR 5.0 SOIL	Q R				A	I	●
021	EXTPAR 5.0 Skin conductivity	Q R				A	I	●
022	EXTPAR 5.0 Pollen	Q R				A	I	●
023	EXTPAR 5.0 High-Res Orography TANDEM-X	Q R				A	I	●

Last modified: 2018-12-06

- **R** means Responsible - Person with primary responsibility for the task
- **A** means Approver - Person who approves the results prior code merge
- **C** means Consultant - Person with expert knowledge, should be consulted during the task
- **I** means Informee - Person who is informed about the progress of the project
- **Q** means Quality Review - Person responsible that the finished task meets the quality requirements and does not have conflicts with other developments

[Edit](#)

Boundary conditions:

- The coordinator of the TERRA development performs the quality review
- The head of the physical processes unit (FE14) has to be informed about the task progress
- The head of the numerical models unit (FE13) has to approve the results prior merging with the official code