

Meeting 11.10.2023: Agenda

1. General FPS-URBAN-RCC meeting (27.09.2023)
2. Further updates on the simulation progress, plans, results, problems?

1. General FPS-URBAN-RCC meeting (27.09.2023)

- Stage-0 variables: [core](#) variables are essential
- Sharing the data - storage at DKRZ will be arranged by Peter Hoffmann based on the amount needed. The core variables will be shared at first
- Naming of the variables and files to follow [cf convention](#) discussed
- Implementation of the urban parameters in other models (AROME)?

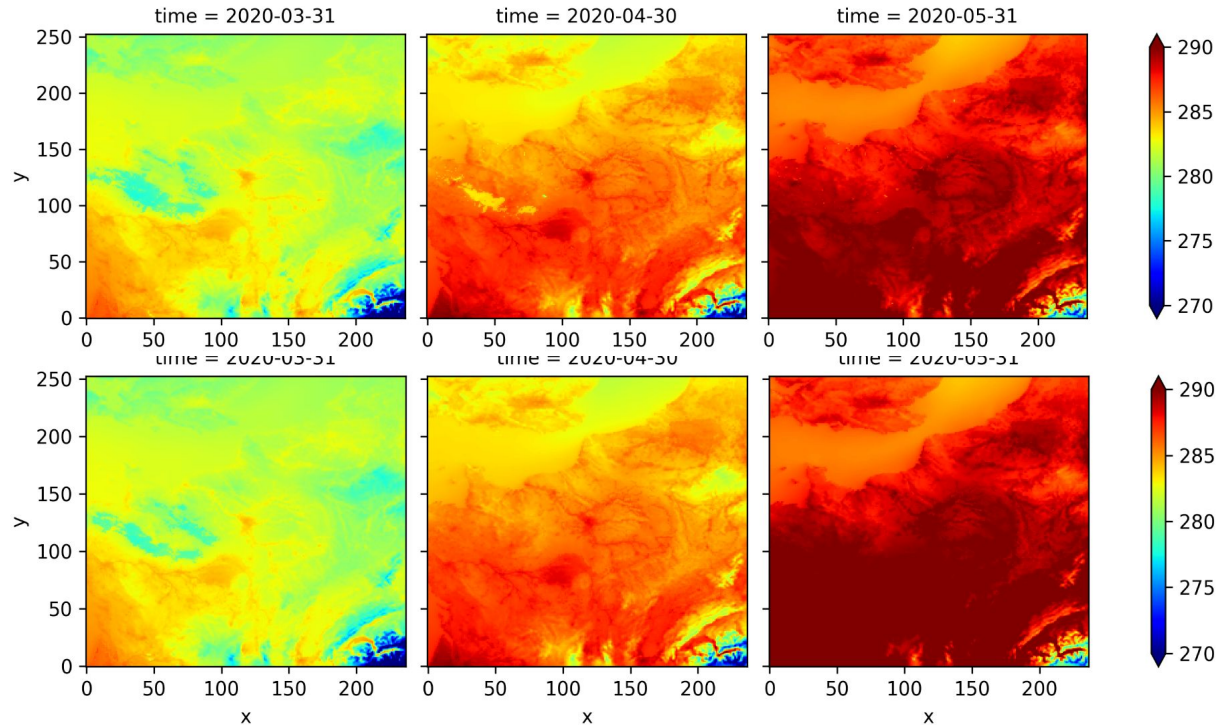
2. Status of the test and stage-0 FPS-URBAN-RCC simulations

Institution	Experiment name	Nprocs (np,ppn; n	d01, d02 <time-step>*	walltime (5months)	Changes respect to the test run	Problems	Others	Error message at the end of
UCAN	stage-0	6x52=312	1.846, 0.231	5days 17hours	dzbot=10	no problem	NA	SUCCESS!!!
UCAN	stage-0	7x52=364	1.708, 0.209	5days 6hours	dzbot=10, Madrid params	no problem	NA	SUCCESS!!!
UCAN	stage-0	10x52=520			dzbot=60, Madrid params, PAR3-FRA12,urban)SLUCM	crashing		
IPSL	CTRL	8x48=384	1.742, 0.204		noLCZ, dzbot=10, Madrid params	no problem		
IPSL	CTRL-LCZ	8x48=384	1.661, 0.199		LCZ, dzbot=10, Madrid params	running		
IPSL	CTRL-NoURB	8x48=384	1.644, 0.197		geo_em with urban replaced by croplands	running		
IPSL	CTRL-LCZ-NOA	8x48=384			same as CTRL-LCZ with LSM NOAH	running		

	Success	Failed
Test run	CUNI(1x), UCAN(3x), CYL(3x), IPSL(2x+?)	CIMA(9x), UCAN(3x)
Stage-0	IPSL(4x-running), UCAN(2x)	UCAN(1x)

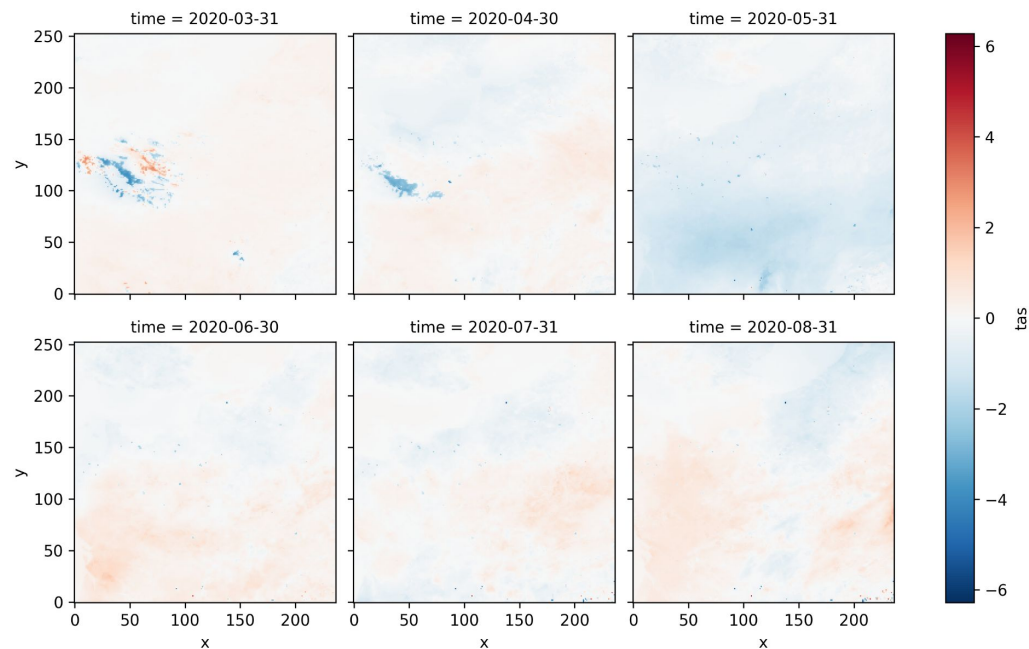
1. Stage-0 runs, default vs Madrid parameters

Monthly mean temperature:



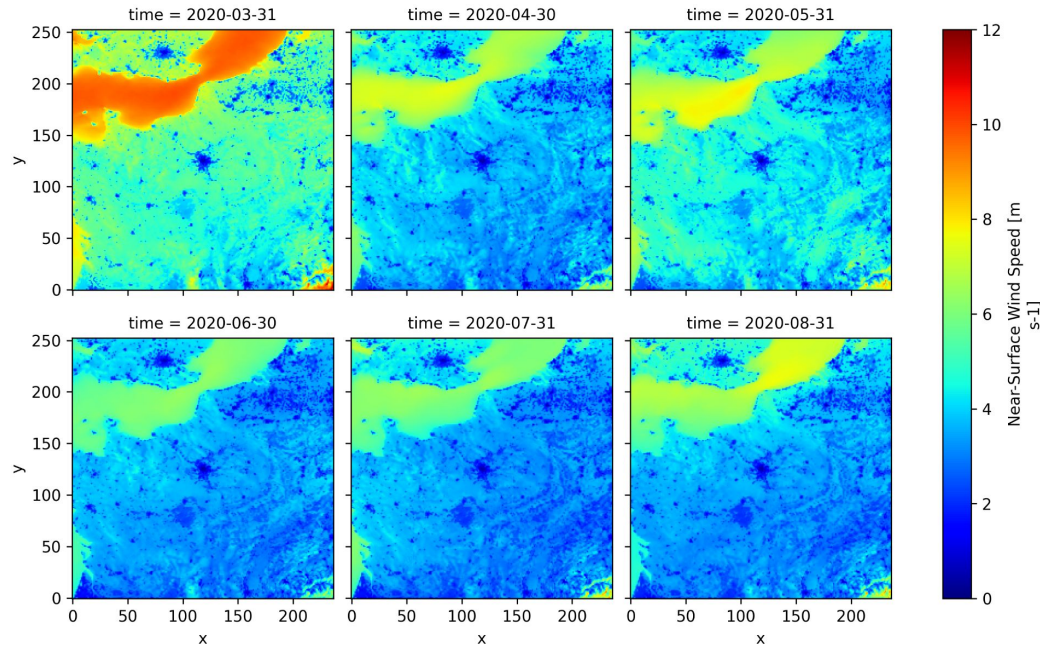
1. Stage-0 runs, default vs Madrid parameters

Monthly mean temperature, difference:



1. Stage-0 runs, default vs Madrid parameters

Monthly mean surface wind:



1. Stage-0 runs, default vs Madrid parameters

Monthly mean surface wind, difference:

