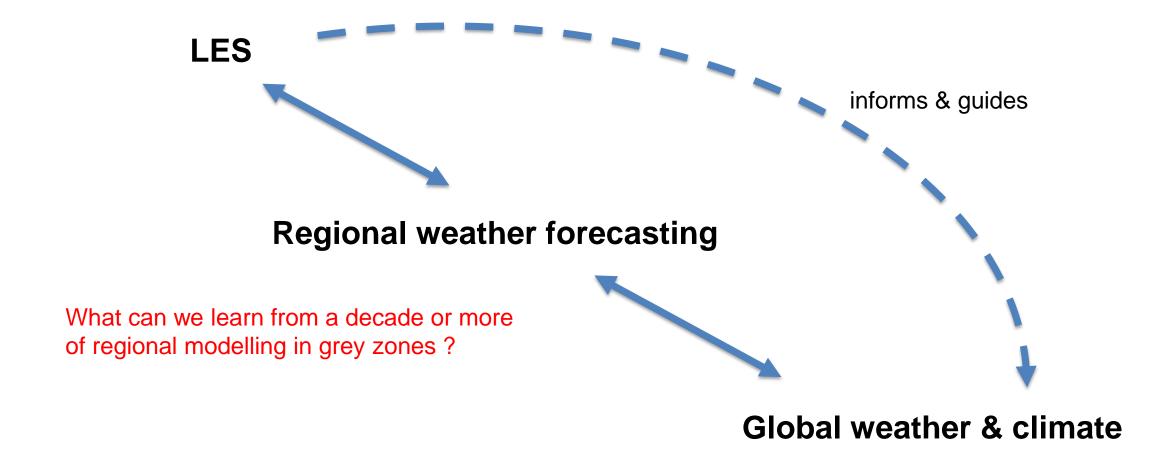
Shedding light on the greyzone Nils P. Wedi

European Centre for Medium-Range Weather Forecasts (ECMWF)

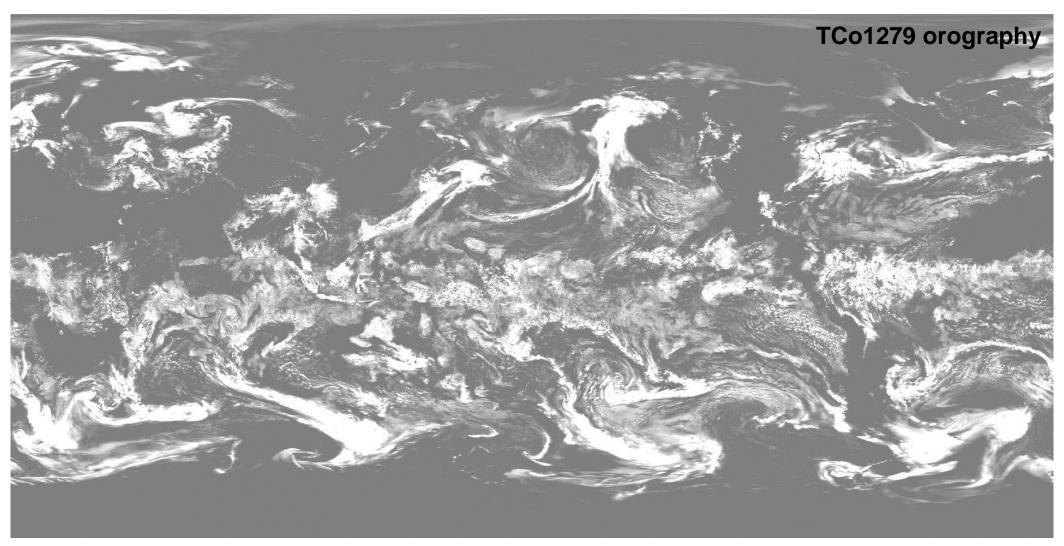


Greyzone(s) – Modelling at the edge of resolution





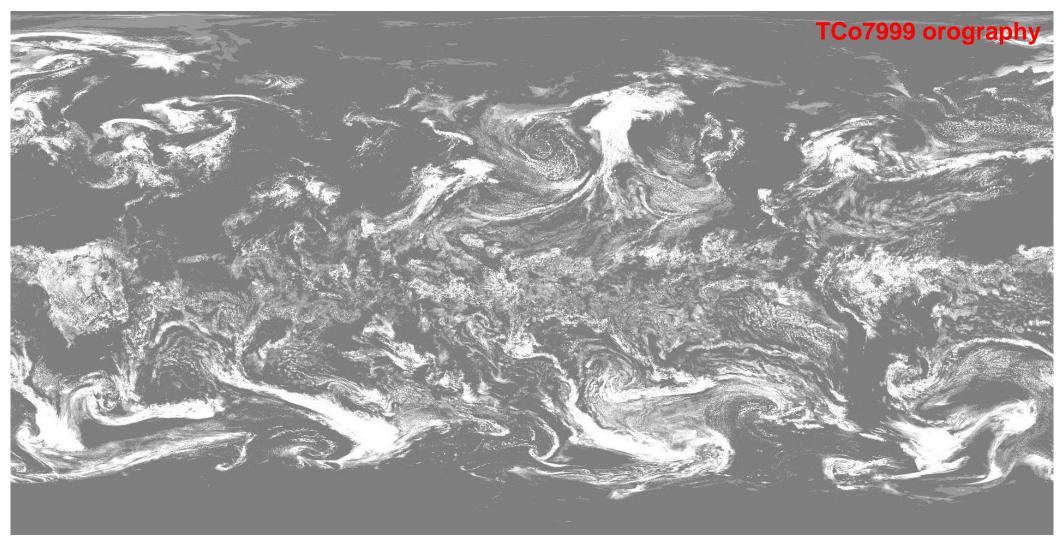
TCo1279 (~9km) World degapeset resorbetion global NWP today



(12h forecast, *hydrostatic*, with deep convection parametrization, 450s time-step, 240 Broadwell nodes, ~0.75s per timestep)



TCo7999 (~1.3km) 256 Megapixel camera



(12 h forecast, *hydrostatic*, no deep convection parametrization, 120s time-step, 960 Broadwell nodes, ~6s per timestep in SP)

