

DS³ (Down-Scale Simulation System)

~~~ Toward Further Downscaling ~~~

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ABSTRACT

A regional numerical simulation/prediction system DS³ (Down-Scale Simulation System) has been developed, and extensively used for research and education in Tohoku University. In this talk, I will make an introduction to this system and some meso-scale meteorological studies with it in Tohoku University. For needs of much higher down-scaling and more complex case simulation, future planning about the development, improvement and application on the system will also be addressed.