

Ruisdael Modelling Day
15th November 2019
GAIA-1
Wageningen University

Scope

This one-day workshop aims at informing and interchanging ideas with respect to the current modelling tools available within the Ruisdael consortium. The Ruisdael testbed acts as a binder of the different models used by the various consortium partners. The Ruisdael TestBed will combine fine-scale simulations performed by the Dutch Atmospheric Large-Eddy Simulation (DALES) and the network of observations collected within the 3D Ruisdael observatory. Our aim here is improve our statistically processes-evaluation in weather, air quality and climate models that enable our forecasting capacity.

During the workshop, we will discuss how current modelling tools available at the Ruisdael consortium can further support and improve the Ruisdael testbed. Here, we can make use of new developments of very efficient and intensive computational tools like MicroHH, mesoscale/weather forecasting models like HARMONIE or WRF, and research/operational tools like LOTUS-EUROS, OPS or the more atmospheric compounds-oriented continental tool such as CarbonTracker or TM5.

Tentative agenda

09.30-12.00 Short presentations (max 20 minutes) of the modelling tools Ruisdael

13:00-16:00 Open discussion on collaborations and interchange of information on modelling tools and results
Archive data to reinforce the statistically intercompariosn between models and