Announcement of Lectures and Practical Work

**Data assimilation**
(Master Elective Module T6)

Lecturer: J. Quaas

Location: On-line at https://lecture.uni-leipzig.de/b/qua-7sn-6gc-6hr
Seminar room Vor dem Hospitallore and CIP-Pool, Talstraße 35

Time: Wednesday 9.15 – 11.30
(8 Lectures, 21 April – 9 June; 4 courses Practical work 16 June – 7 July; 2 Presentations, 14 – 21 July 2021)

Start: Wednesday, 21 April 2021

Topics: Combination of modelling and observations, Statistical basics, Objective analysis, cost function, Kalman filter, Variational assimilation

Remark: Some or all of the lectures will be taught in English, depending on the attendants

Exams: The exam for this class is an oral presentation about the practical work and a short written report.

Data Assimilation Research Testbed (DART), http://www.image.ucar.edu/DAReS/DART/