Announcement of Lectures and Practical Work

Data assimilation
(Master Elective Module T6)

Lecturer: J. Quaas

Location: Seminar room Stephanstr. 3 and CIP-Pool, Talstraße 35

Time: Wednesday 13.15 – 15.30
(8 Lectures, 5 April – 31 May; 4 courses Practical work 7 – 28 June;
2 Presentations, 5 – 12 July 2023)

Start: Wednesday, 5 April 2023

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.

Moodle: https://moodle2.uni-leipzig.de/course/view.php?id=42832

Kalnay, Atmospheric Modeling, Data Assimilation and Predictability,
Data Assimilation Research Testbed (DART),
http://www.image.ucar.edu/DAReS/DART/