

General information concerning the tutorial for the lecture *Climate Dynamics II* in the summer semester 2021

Justus Contzen, justus.contzen@awi.de

Lars Ackermann, lars.ackermann@awi.de

Due to the Corona pandemic, the course CLIMATE DYNAMICS II in the upcoming summer semester 2020 provided by Professor Lohmann will be held solely online. The course consists of a lecture (2h per week), self-study (repeating, learning, exercise solving) and example classes (tutorial). Details about the course (lecture script, exercise sheets, recommended literature, login links for the lectures, ...) can be found on <https://paleodyn.uni-bremen.de/study/Dyn2/dynamics2021.html>.

In order to achieve an optimum in organisation, learning success and opportunities to ask individual questions, we worked out the following guidelines for the tutorial:

- ▷ After each lecture, a tutorial will take place (same zoom session, you can just stay logged in). We will briefly **introduce the new exercise sheet** for the upcoming week and **discuss in detail the previous exercise sheet**.
- ▷ We strongly encourage you to **organize yourself in groups up to three people**. Please do this right in the beginning of the course and inform us afterwards about your groups.
- ▷ Each group has **one week to solve the tasks on the exercise sheets**. Send in your solutions in form of a **PDF** to our email addresses (**one PDF per group!**). For the creation of the PDFs, we recommend text editors like L^AT_EX or Word (e.g. Microsoft Office, Libre Office, Open Office, ...). We will correct your solutions, write some feedback and send them back to you one week later.
- ▷ The **deadline for weekly submissions** is **Monday, 12:00 noon**. Later submissions will only be accepted once per group in the whole semester.
- ▷ Solving the tasks on the exercise sheets correctly will yield points. For obvious reasons, every person within a group gets the same number of points. By the end of the semester, **at least 50% of the total number of points are required in order to be allowed to participate in the final exam**.

Additionally, **each group has to present an exercise sheet at least once in one of the tutorials**. We will contact the according group soon after the submission of the exercise sheet so you have enough time to prepare a presentation. To give you an incentive to put proper effort into the preparation, we decided to give **up to three extra points per group (and person, of course) for a good presentation**. In case your group has to prepare a presentation, we ask you to submit additionally to the PDF also the presentation, R source code and the Word/TeX file.

- ▷ It can be expected that groups get stuck with some exercises sooner or later. Although we encourage exchange with other groups, we still expect individual solutions from each group every week. **Nearly identical solutions lead to a loss of 50% of the points achieved in the according exercise sheet for every person in the concerning groups.**