**Homework** 1:

1. Create a draft of a Research Plan for your project, based on the brief outline shown in class (Lecture 2.1, slide 12).

2. Write down three research questions framing your research project.

3. Create a draft of a long-term schedule for your research project.

* Identify 5-10 work packages.
* Estimate their duration.
* Schedule them within the timeline of your MS/PhD programme.

**Homework** 2:

1. Create a draft thesis structure for your project.

2. Critically review a scientific paper relevant to your research project, and annotate which parts you find particularly well written or argued, and where you find the writing or argumentation could be improved.

Homework 3:

MS students: Pick a MS thesis

Check the abstract and introduction section and mark typos, inconsistent formats, abbreviations, etc.

Check the reference list: is the format consistent and correct for all references?

Examine some figures and tables including figure captions and table descriptions:

Is information presented in a clear way in figures and tables?

Is space used in an appropriate way?

Is the presented information easily visible?

Is the format consistent and appropriate?

Act as a reviewer and make a few notes!

Homework 4:

**1) Prepare a figure for your thesis (a diagram, a map, a figure with several photos arranged in different panels, or something else) and add a caption**

Try to use appropriate software tools. Make sure that

- line thicknesses,

- selected colours,

- font sizes

- and the arrangement of text in the figure

- and/or the arrangement of different panels

are appropriate.

**2) Prepare a table of data for your thesis and add a description (title)**

Use the typical format of a table in a published paper:

- do not show vertical lines,

- align data consistently,  and

- do not include units in the data cells.

Homework 5:

1. Perform an initial literature survey on your topic (or a particular aspect of your topic).
2. Import some of the sources you found (ideally, from different types of publication venues) into a reference management tool of your choice, and create an export of the list (in a style commonly used in your field) that you can submit to Canvas as a PDF.