

Computer Lab Project | Sciences du Sol 2024 (ENV-222)



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Project Task

Work in groups of 2-3 students and produce a report summarising the assignments carried out during the Computer Laboratory sessions – that is:

- Assignment 1: Pedotransfer functions
- Assignment 2: Fitting water retention curves to data
- Assignment 3: 1D infiltration model
- Optional Assignment (not graded): Soil Water Balance

The report should be divided into different sections (one for each assignment) and each section should include the following:

- Introduction (background, processes)
- Method (data, model, equations)
- Results
- Discussion
- Conclusions

Assessment

This project report constitutes **15%** of the final mark. Submissions will be marked according to the following requirements:

- Rigorous approach to evaluation of an engineering project;
- Choice and justification of evaluation criteria;
- Ability to summarise technical information for a general audience;
- Quality of the document in terms of its appearance and appropriate use of text, images and diagrams;
- Ability to search for and reference material correctly.

Your work will be marked by the course coordinator and the assistants.

Submission

- Submit 1 report per group via **Moodle before 23:59pm on 3rd December**;
- Submit **one file only (PDF format)** and include the full names of all team members.
- If you **submit your coursework late**, you must e-mail it directly to Prof. Gabriele Manoli (gabriele.manoli@epfl.ch). A 5% penalty will be applied to late submissions.

Plagiarism

All work that is not your own **MUST** be referenced according to [EPFL guidance](#) on plagiarism. This includes websites, online journals and the work of your classmates.

Contacts

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