Introduction to Research in Design and Media

IRDM

Bachelor's Programme in Design

Responsible Teachers:

Dr. Namkyu Chun / namkyu.chun@aalto.fi

University Lecturer in Design Communication / Dept. of Design and Art & Media / Aalto ARTS

Dr. Lily Diaz-Kommonen / lily.diaz@aalto.fi

Professor of New Media / Dept. of Art & Media / Aalto ARTS

IRDM Session 5
Research Ethics

Bachelor's Programme in Design

12

11

10

9

8

7

Top 12 Mad Scientists from Comics
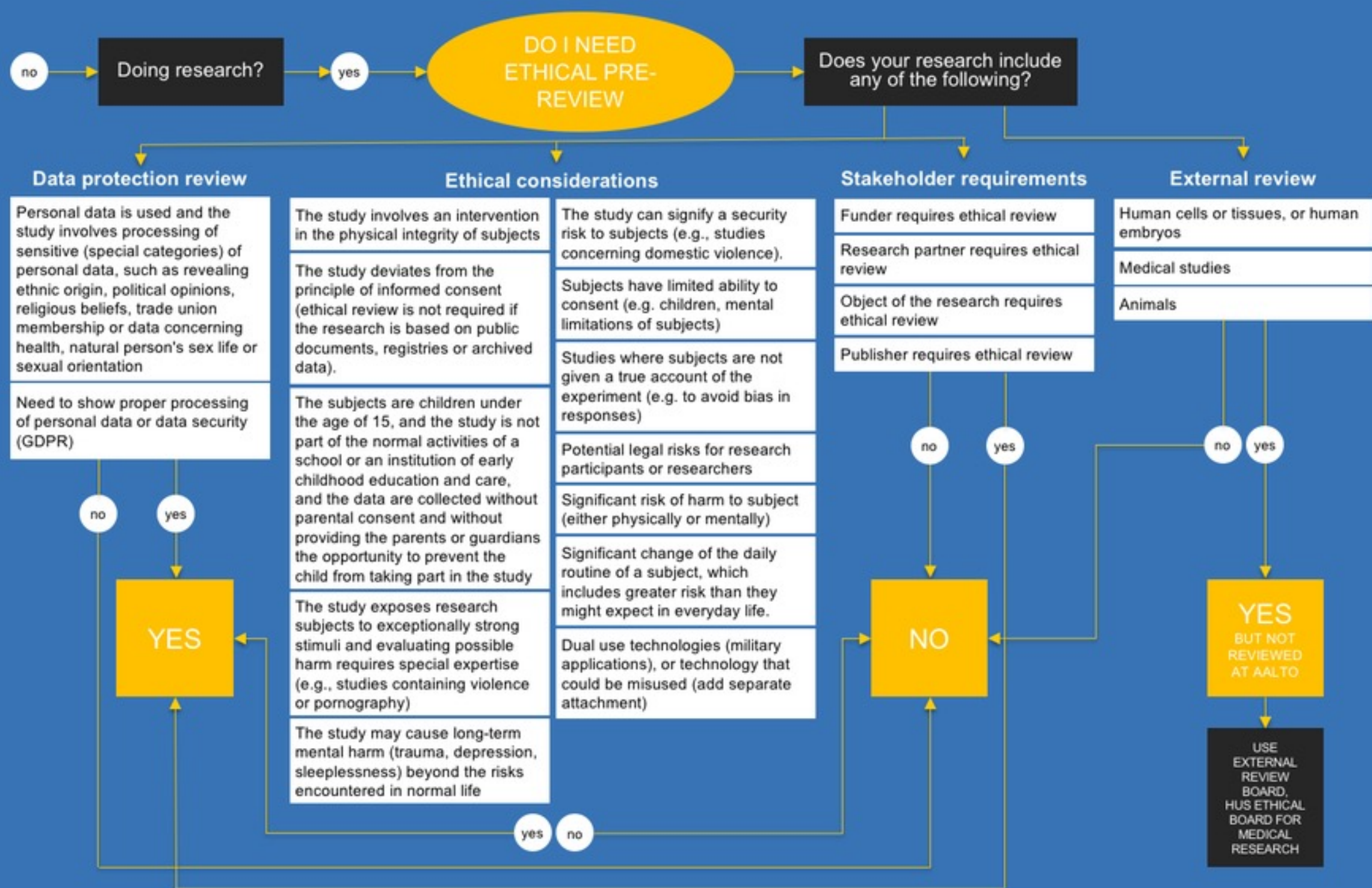
6

5

4

3

2

1

Ethical Concerns?

Violence

- Possible harms to research participants: psychological / physical
- Minority groups and non-humans (e.g. animals, plants)
- Intellectual property and authorship

Transparency

- Transparent research process (sampling, data collection/analysis)
- Informed consent to research participants
- Referencing

Reliability

- Unmanipulated research findings
- Data management
- Acknowlededement of research convention and shortcomings

DO I NEED ETHICAL PRE-REVIEW

no → **Doing research?** → yes → **DO I NEED ETHICAL PRE-REVIEW** → **Does your research include any of the following?**

Data protection review

Personal data is used and the study involves processing of sensitive (special categories) of personal data, such as revealing ethnic origin, political opinions, religious beliefs, trade union membership or data concerning health, natural person's sex life or sexual orientation

Need to show proper processing of personal data or data security (GDPR)

no / yes

Ethical considerations

The study involves an intervention in the physical integrity of subjects

The study deviates from the principle of informed consent (ethical review is not required if the research is based on public documents, registries or archived data).

The subjects are children under the age of 15, and the study is not part of the normal activities of a school or an institution of early childhood education and care, and the data are collected without parental consent and without providing the parents or guardians the opportunity to prevent the child from taking part in the study

The study exposes research subjects to exceptionally strong stimuli and evaluating possible harm requires special expertise (e.g., studies containing violence or pornography)

The study may cause long-term mental harm (trauma, depression, sleeplessness) beyond the risks encountered in normal life

The study can signify a security risk to subjects (e.g., studies concerning domestic violence).

Subjects have limited ability to consent (e.g. children, mental limitations of subjects)

Studies where subjects are not given a true account of the experiment (e.g. to avoid bias in responses)

Potential legal risks for research participants or researchers

Significant risk of harm to subject (either physically or mentally)

Significant change of the daily routine of a subject, which includes greater risk than they might expect in everyday life.

Dual use technologies (military applications), or technology that could be misused (add separate attachment)

Stakeholder requirements

Funder requires ethical review

Research partner requires ethical review

Object of the research requires ethical review

Publisher requires ethical review

no / yes

External review

Human cells or tissues, or human embryos

Medical studies

Animals

no / yes

YES

NO

YES BUT NOT REVIEWED AT AALTO

USE EXTERNAL REVIEW BOARD, HUS ETHICAL BOARD FOR MEDICAL RESEARCH

yes / no

Plagiarism

* Academic communities, including Aalto University, take plagiarism seriously.

* Referencing:
    * Clearly acknowledging relevant work/research that you are borrowing to build your argument
    * Demonstrating what you are already aware of
    * Signaling what conversation(s) you are part of (e.g. male vs female, original vs cited, old vs recent, etc.)
    * Getting direct/indirect supports by citing previous work differently (e.g. direct/indirect quote, mentioning author's name as the subject of the sentence, etc.)
    * Playing with voices between yours and others.
    * Good skill to avoid issues with unintended cultural appropriations/intellectual property (Diet Prada!)
      > See how John Galliano (Creative Director of Maison Margiela) references every single details to design something: Link

Turnitin Originality Check helps you spot (un)intended mistakes of plagiarism for textual materials!

Ethically Speaking..

* Present possible research ethics of your thesis in group based on the lecture
* Exchange feedback and make suggestions

Assignment 5

* Review of research ethics for your latest thesis topic (violence, transparency and reliability)

* Turnitin report for your annotated bibliography (assignment 4)

* Submit via MyCourses

* Due by 23:59, 9 Oct.

Doing Research? in Design and Media

KEY COMPONENTS

ACTUAL CONTENTS

Inquiry & Scope	Gap identification & Research question(s)
Context(s)	Literature review
Method(s)	Data collection/analysis
Result	(Preliminary) finding(s)
Implication(s)	Contributions & Reflections

Academic writing   "Formality"   Research ethics

No class on 10 Oct!

- Independent work to prepare for Midterm-
- Optional individual tutorial with Namkyu (schedule a meeting if needed!) -

Midterm: Thesis Topic Proposal

Consider including:

- where the topic was introduced to you (e.g. previous study project name);

- key definitions;

- research questions;

- your background literature (annotated bibliography);

- your target audience (research community); and
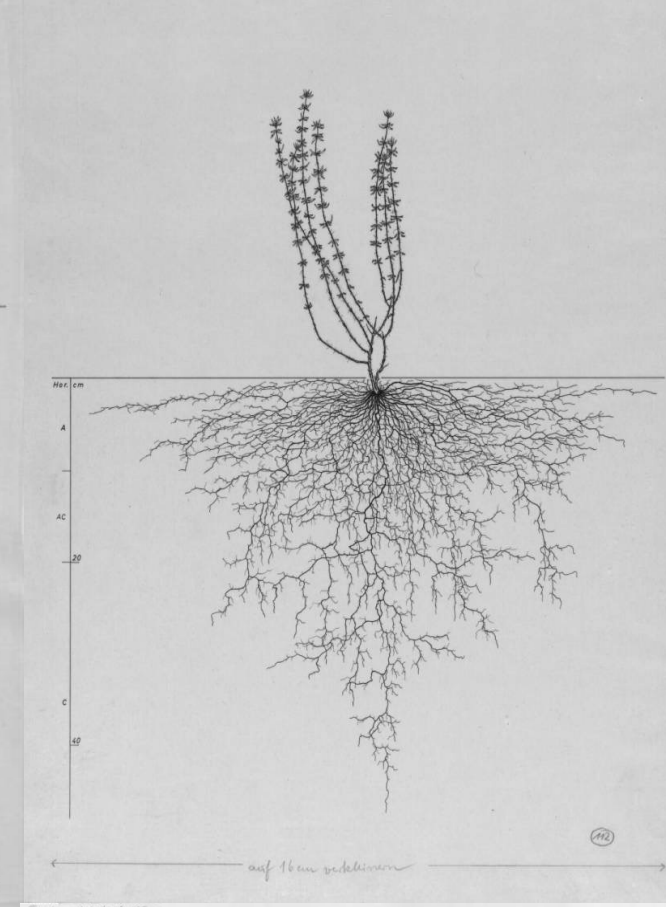
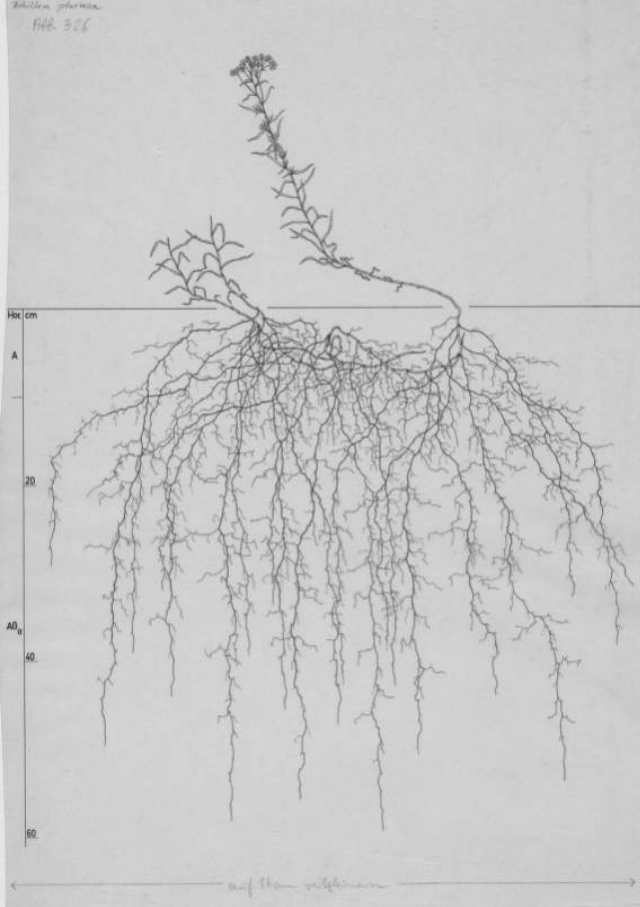- any imagery to support your proposal.

Each student has 10 minutes total (max 5 minutes to present, feedback for the rest). During the presentation, leave feedback on: www.presemo.aalto.fi/irdm

Presentation order [alphabetical order of surname within group]:

- Morning (09:15-12:00): CoID (6) > VCD (7) / Afternoon (13:15-17:00): CS (3) > IDBM (2) > New Media (8)

Assignment 6

* Submit your thesis topic proposal (presentation slides)

* Submitted file will be used for the topic proposal presentation on 17 Oct.

* Presentations will be made with Namkyu's laptop

* Zoom participants: Update your Zoom version and be ready to share your screen. Don't update slides after submission unless very important and communicated with Namkyu in advance.

* Submit via MyCourses

* Due by 23:59, 16 Oct.

Hor. cm

A

20

AB

40

60

auf ¼ verkleinern

Hor. cm

A

AC

20

C

40

auf 16 cm verkleinern

Abb. 100

Hor. cm

A

20

Hor. cm
A
B₁
B₂ C
C₁
150
C₂

Agrostis canina auf 60%
Abb. 199

Hor. cm

A

20

AB

BC

40

D

auf 16 cm verkleinern

auf 15,2 cm verkleinern

Hor. cm

A

10

C₁

Hor. cm

A

AC

15

C

30

45
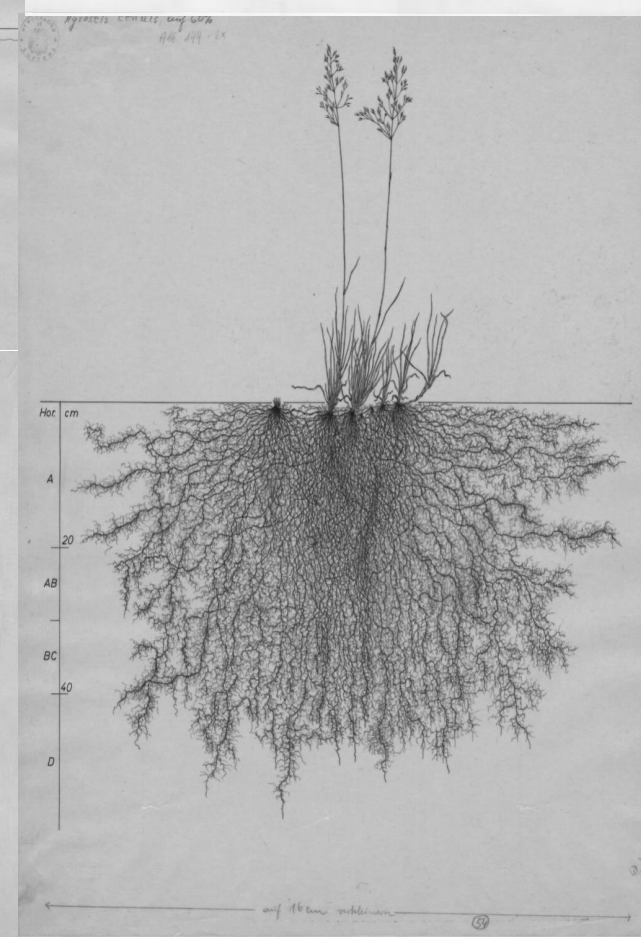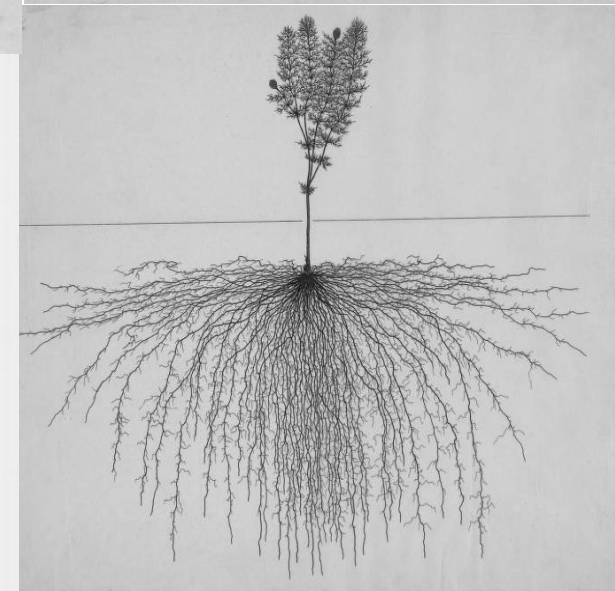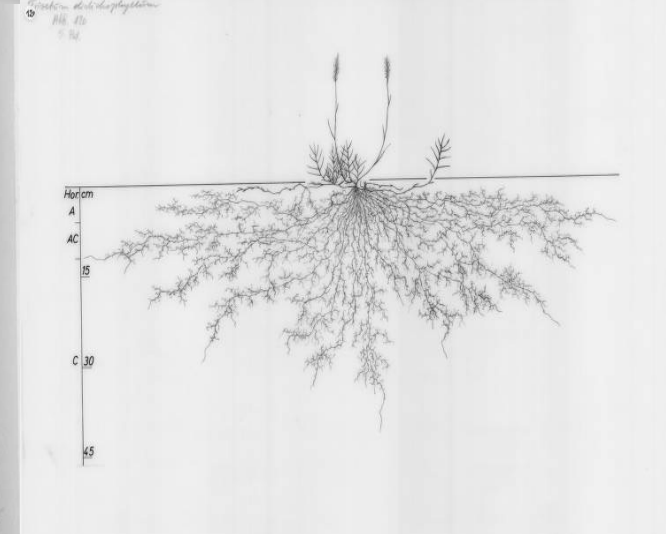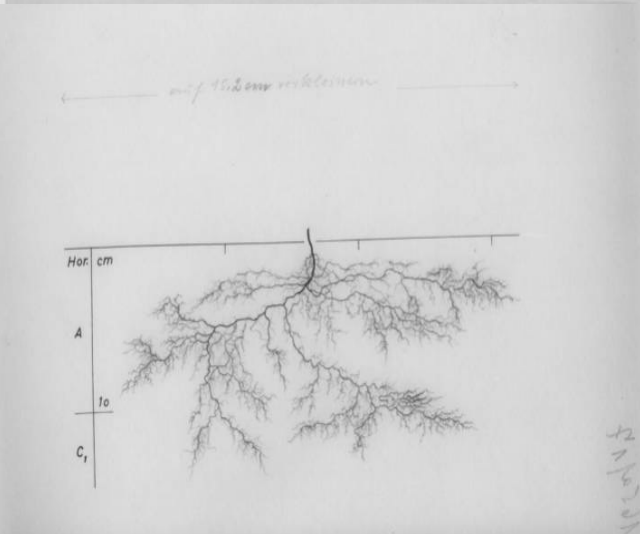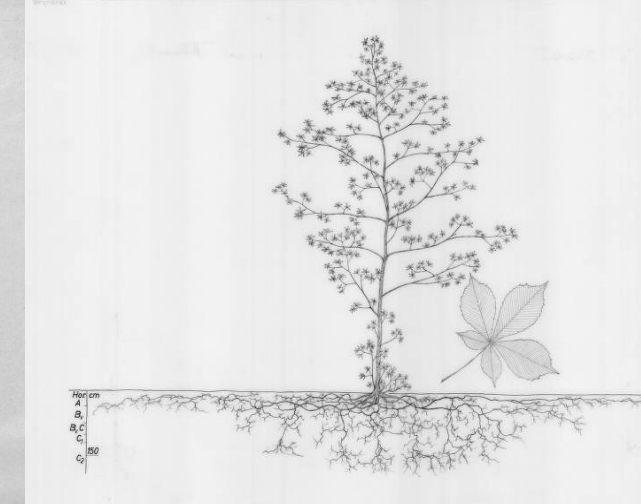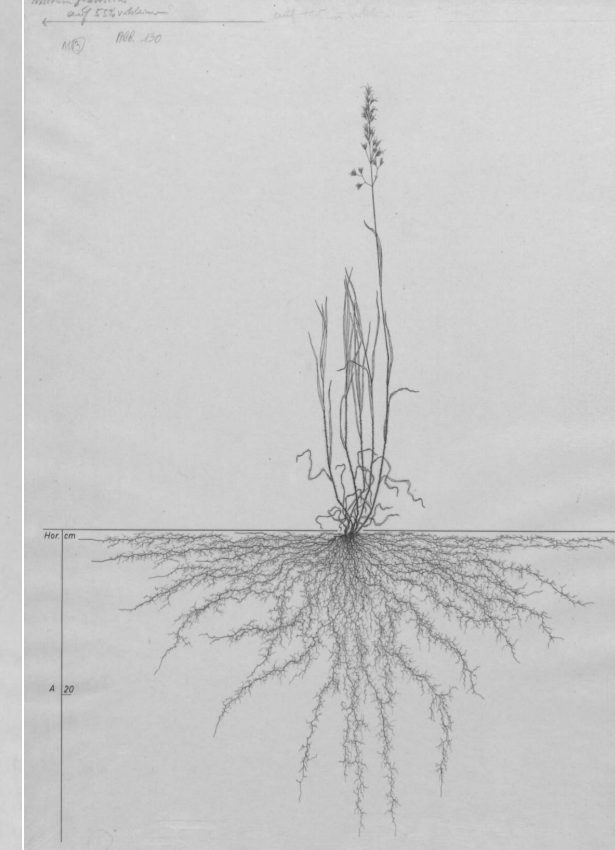
See you on 17 Oct (09:15-12:00 or 13:15-17:00).
- Thesis Topic Proposal -