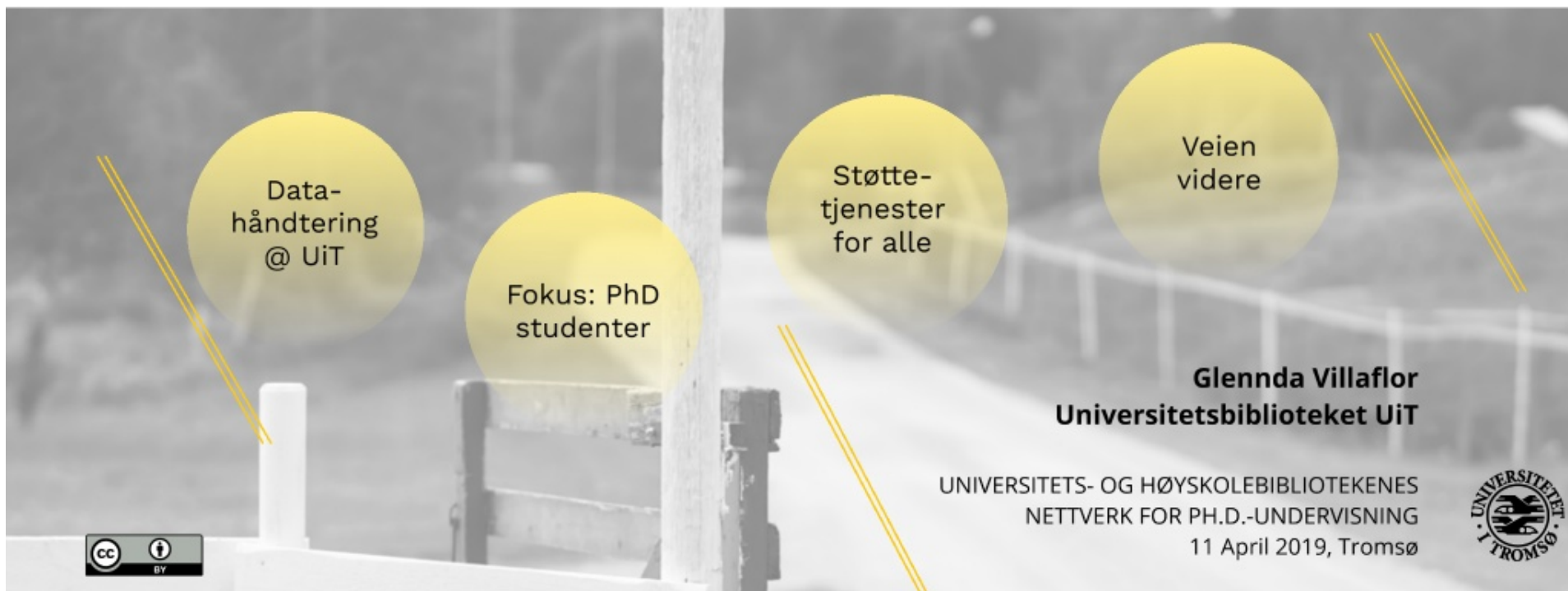


Opplæring i håndtering av forskningsdata @ UiT

Erfaringer fra UiT Norges arktiske universitet



Data-
håndtering
@ UiT

Fokus: PhD
studenter

Støtte-
tjenester
for alle

Veien
videre

Glenn da Villaflor
Universitetsbiblioteket UiT

UNIVERSITETS- OG HØYSKOLEBIBLIOTEKENES
NETTVERK FOR PH.D.-UNDERVISNING
11 April 2019, Tromsø



Principles and guidelines for research data management at UiT The Arctic University of Norway

- Adopted by the University board, March 2017
- Effective as of September 1, 2017
- Apply to all employees, including PhD students
- Apply to all projects that start 01.09.2017 or later

Principles
and
guidelines

Phd-
forskrift

PRINCIPLES AND GUIDELINES for research data management at UiT

2. Ownership of data

As a general rule, UiT owns all research data produced by employees at UiT in accordance with the *Regulations for securing and management of work results at UiT*. This also applies to employed PhD candidates and researchers on temporary contracts.

4. Responsibilities

Researcher responsibilities

- 4.2 The researcher shall write a data management plan in an early phase of the project and preferably within six months of the start of the project.
- 4.3 The researcher shall ensure that the research data is securely stored, backed up, and archived, in accordance with the *Information security management system at UiT*, either at the home institution or in other suitable and reliable repositories that safeguard UiT's continued use of the data.

PRINCIPLES AND GUIDELINES for research data management at UiT

- 4.4 The researcher shall make the research data openly available for future use by all relevant users, providing this is not prevented by any legal, ethical, security, or commercial reasons.
- 4.5 The research data shall be made openly accessible as early as possible.
- 4.6 Research data shall be equipped with standardised metadata that enable other researchers to search for and use the data. The metadata shall be in accordance with international standards or de facto standards, and provide a description of the data content for future use. Research data that cannot be made openly accessible shall also be equipped with equivalent metadata that may be included in discovery systems, and used for administrative purposes.
- 4.7 The research data shall be equipped with licenses for access, reuse, and dissemination. These licenses should be internationally recognised and set as few limitations as possible regarding access to, reuse, and dissemination of the data. The researcher must ensure that licenses and applicable conditions for the use or sharing of third party data are complied with.

FAIR
data

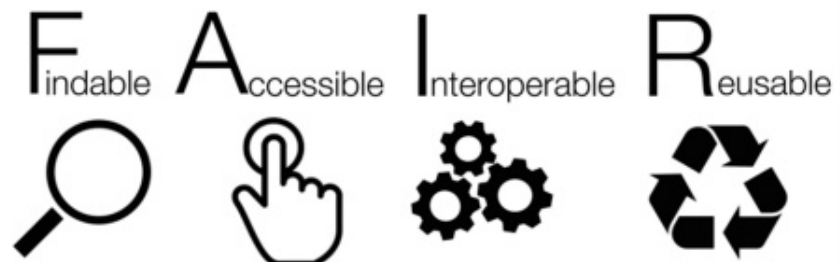


Image credit: Sungya Pundir, Wikimedia Commons CC BY-SA 4.0

PhD Regulations § 11. Start of studies, contract etc.

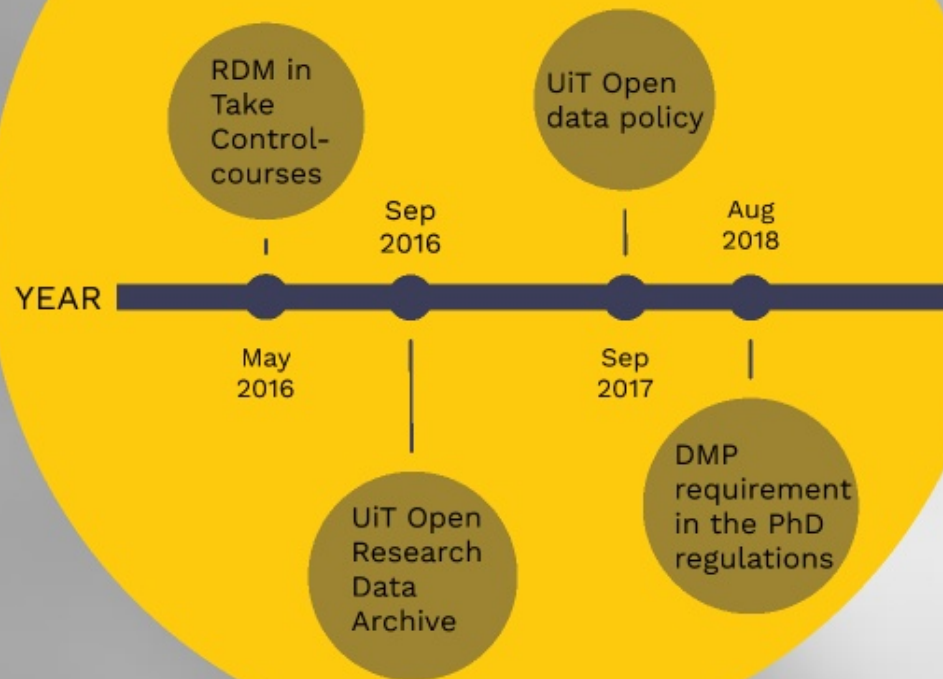
(4) The student shall set up a Data Management Plan for research data in the project within six month according to the current regulations ¹.

0 Endra ved [forskrift 19 juni 2018 nr. 1185](#) (i kraft 1 aug 2018).

1 Gjeldande retningslinjer er «Prinsipper og retningslinjer for forvaltning av forskningsdata ved UiT».

Timeline

Timeline



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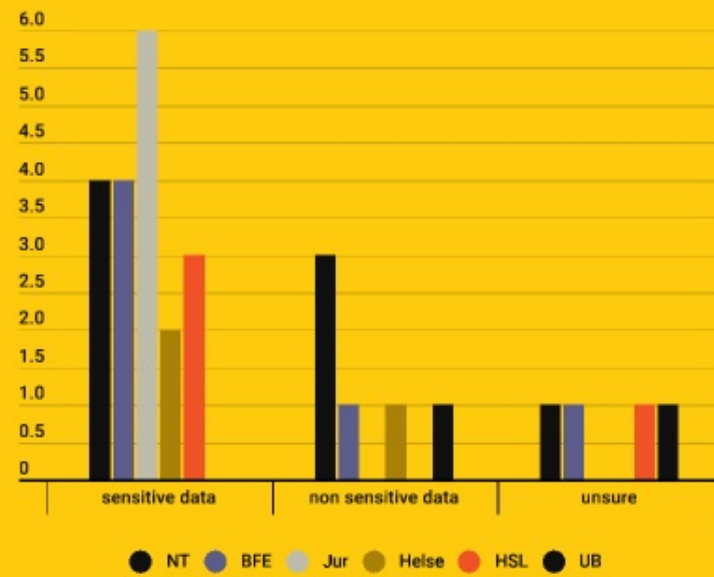
UNIVERSITETET
I TROMSØ

GEN-8001
Take control of your PhD
journey – from (P)reflection
to Publishing

13-15 March 2019
30 PhD students
2 credit points

Sensitive
or not?

Interactive



Activity:

Key worries around open archiving of data

1. I want to publish my work before anyone else sees my data.
2. I don't have the time or money to prepare data for sharing.
3. Other researchers would not understand my data.
4. I am doing highly sensitive research and cannot make my data viable to others.
5. I have made promises to destroy my data once the project finishes.
6. My data collection contains data I have purchased and it cannot be published.

Turn to your neighbour(s) and spend 10 minutes discussing these worries. Are they valid? How could we promote transparency and openness all while avoiding having these worries? We do a wrap-up in plenum.

(From Corti et al. (2014), pp. 10-12)

Exercise

What can be improved in this dataset?

core	s	dpth	mbsf
1	1	26	0.25
1	1	76	0.75
1	1	126	1.25
1	2	26	1.75
1	2	76	2.25
1	2	126	2.75

Exercise

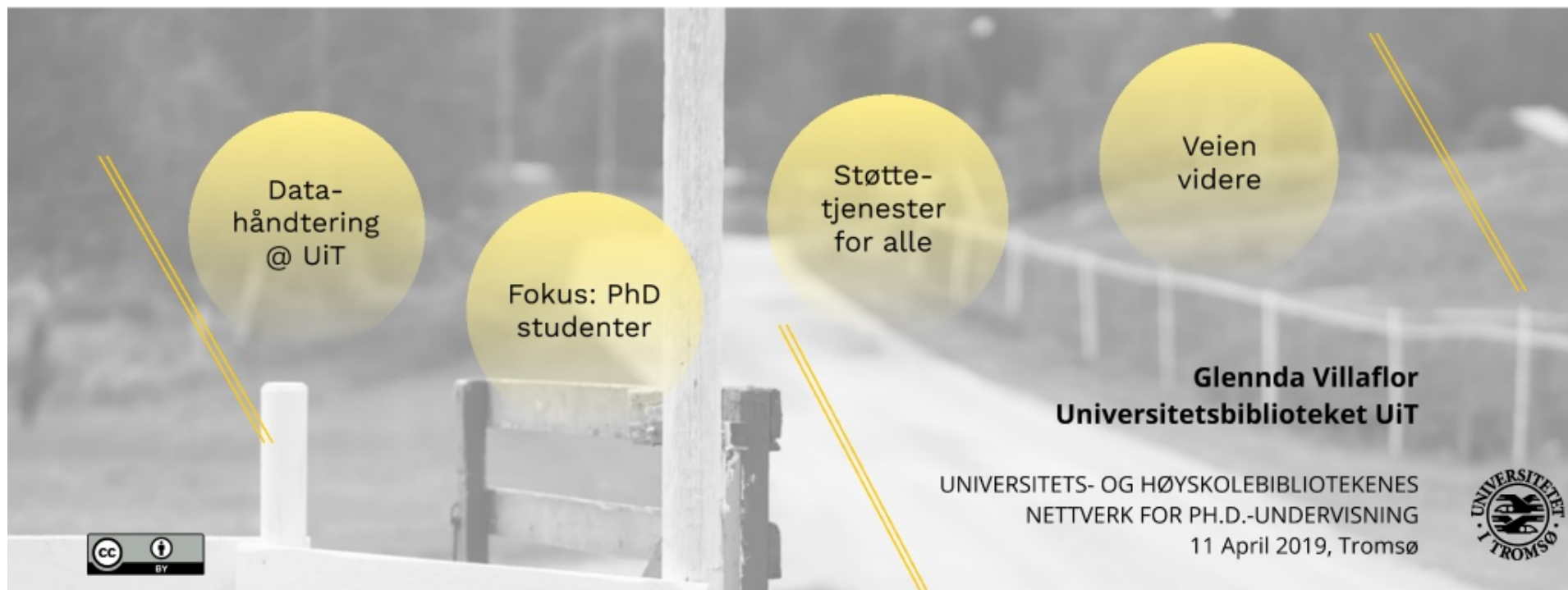
Filename: wind.dat

Come up with a more descriptive file name if:

- Source is tape data 11
- Variable is taux (wind stress)
- July 2018 is the time period of observation
- csv is the file type (comma separated values)

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Research Data Management Support Services at UiT

In order to fulfill the responsibilities defined in the UiT research data policy, UiT offers a number of services to support FAIR research data management.



Training

DMP
support

Senior
Data
Project

Meeting
Researchers

UiT ORD
archive

site.uit.no/rdmtraining



Opplæring i håndtering av forskningsdata @ UiT
Research data management training @ UiT

1. Introductory course:

- Research data management at UiT

2. Thematic courses:

- How to structure and document
- How to share
- How to share
- How to search and cite
- Agreements
- Licenses
- Data management plan

3. Special topics:

- Personal / sensitive data (with NOD)

All courses (1-26):

- Class room/Skype
- Norwegian/English

4. Course series for PhD students:
Take control of your PhD journey (in English)

- Rewarding (2 ECTS)
- Module about RDM

5. Course for PhD supervisors

- Will soon be mandatory

The Data Management Plan: How?

- Project subject to notification to NSD: NSD template
 - Project funded by EU (ERC/Horizon 2020): DMPonline
 - All other projects: UiT template
-
- Researchers can submit their plans for review to research-data@support.uit.no.
 - We check compliance with requirements and best practice recommendations.

Senior Data Project

- Three years project
- Helping senior researchers approaching retirement in preparing their research data for archiving
- Covering all scientific disciplines at UiT

More info:

https://uit.no/om/prosesser/portal/art?p_document_id=503984



UiT Open Research Data archive

opendata.uit.no

 Western Norway
University of
Applied Sciences
HVL Open Research Data

 Innlandet Norway
University of
Applied Sciences
INN Open Research Data

 NMBU Open Research Data
Norwegian University of Life Sciences
NMBU Open Research Data

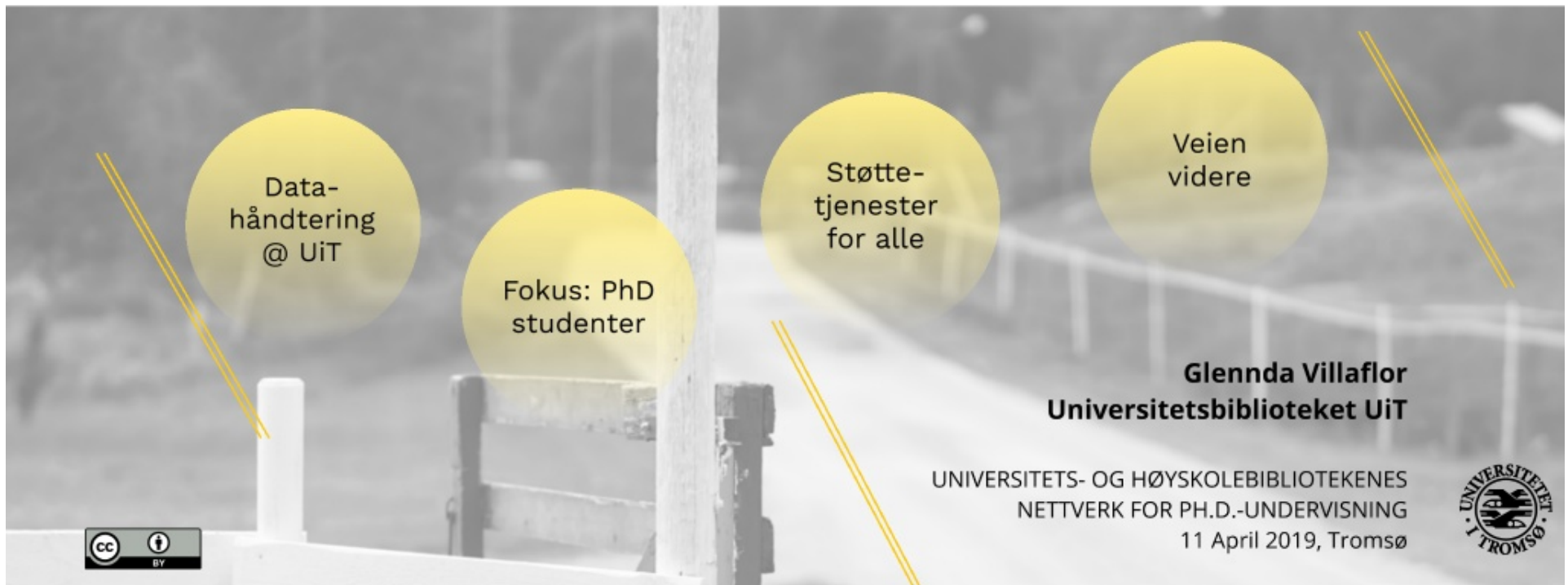
 NORD
University
NORD Open Research Data

 NTNU Open Research Data
NTNU Open Research Data

 UiA Open Research Data
UiA Open Research Data

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Plans for 2019

- Improve infrastructure
- Continue the Senior Research Data project
- Improve RDM-training, with emphasis on sensitive data
- International and national cooperation

Links



Archive: <http://opendata.uit.no>

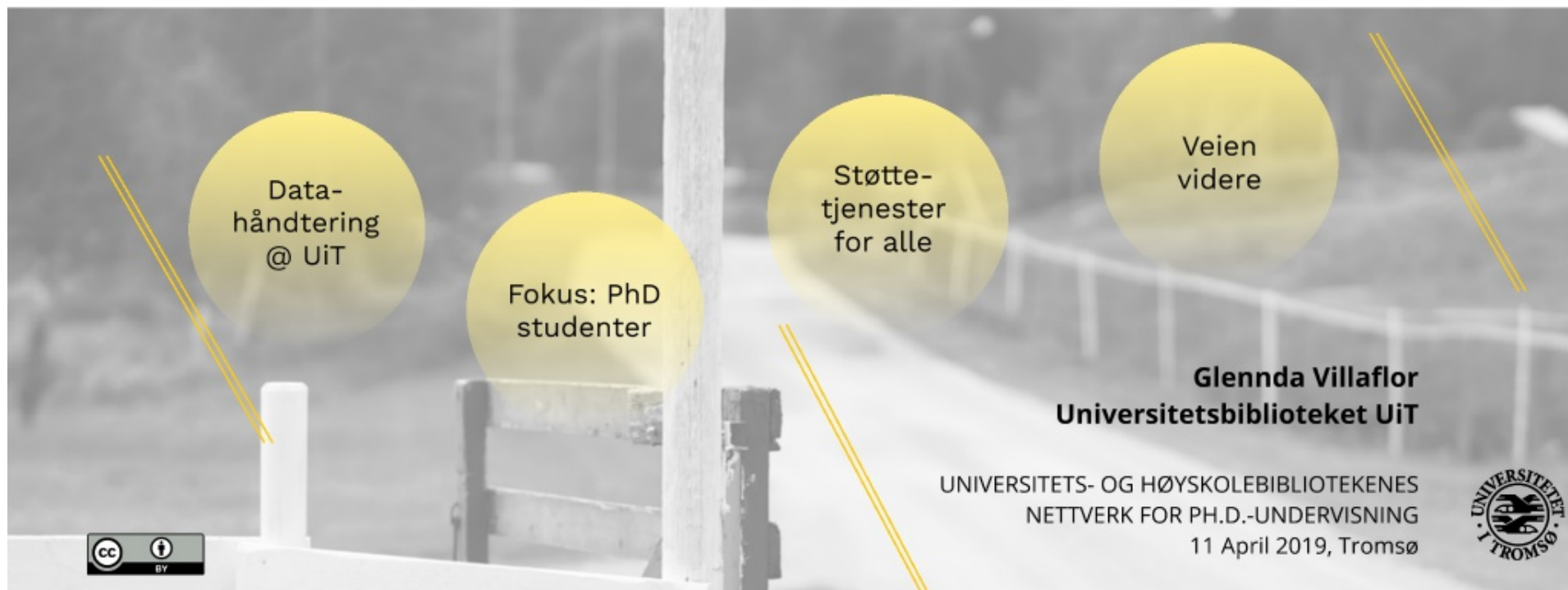
Research Data Portal: <https://uit.no/researchdata>

RDM-Training: <http://site.uit.no/rdmtraining/>

Email support: research-data@support.uit.no

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