

River discharge modelling based on surface flow velocity estimations

A combination of Large-Scale Particle Image Velocimetry and three dimensional discharge modelling

S. Schurer



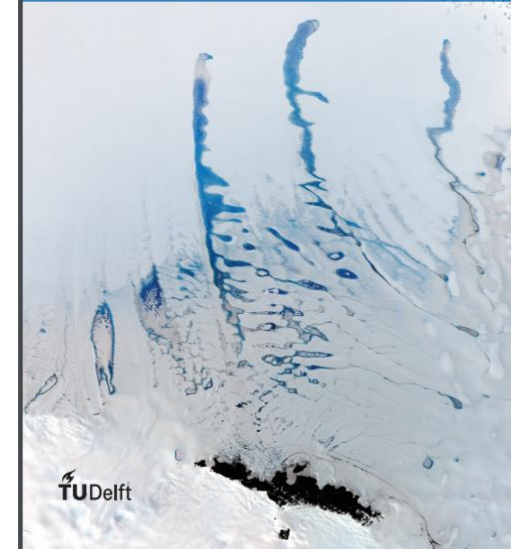
Starting /Doing a MSc Thesis & Graduation Procedures

Track Water Management

Analysing the development of meltwater networks on Antarctica

A case study on the Nivlisen ice shelf

Geerten van der Zalm

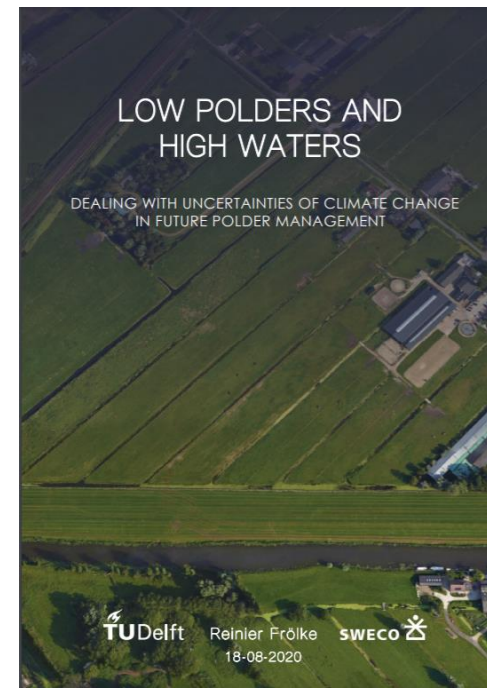


Estimating new reservoir locations with the use of a hydrological model for small holder cotton farmers in Maharashtra, India.

Jente M. Janssen

Solidaridad

TU Delft



LOW POLDERS AND HIGH WATERS

DEALING WITH UNCERTAINTIES OF CLIMATE CHANGE IN FUTURE POLDER MANAGEMENT

TU Delft

Reinier Frolke
18-08-2020

SWECO



Pumping when the wind blows

Demand response in the Dutch delta

MSc. thesis
T.J.T. van der Heijden
4138236

TU Delft

HKV
LUN IN WATER

- Orientation for a topic
- Doing the thesis work / Graduation guide
- Checklist / Procedures

- Orientation for a topic



- This thesis market & Meet the supervisor



- Ongoing and completed MSc research 1987-2021

Water Management website

<https://www.tudelft.nl/citg/over-faculteit/afdelingen/watermanagement>

■ Doing the thesis work

See *graduation guide Water Management*
Website Water Management

Highlights:

Composition of the assessment committee:

Rules & Guidelines Board of Examiners 2020-2021
Article 23

3 academic staff TUDelft:

- 2 academic staff, including chair, from Citg
- 2 different research groups/sections
- Max 1 researcher (under conditions)

Additional experts are allowed

Note: there are more conditions



- Doing the thesis work

Highlights:

Meeting the assessment committee:

Start, In between, Green light

!! Stay in touch with the committee !!



■ Doing the thesis work

Highlights:

Start

Not a fixed date
Minimum 65 EC's

When the committee approves the proposal

Proposal writing => Course Research skills

Duration:

40 EC = 28 weeks
!! The quality counts!!



Isaac Newton struggling to formulate his proposal



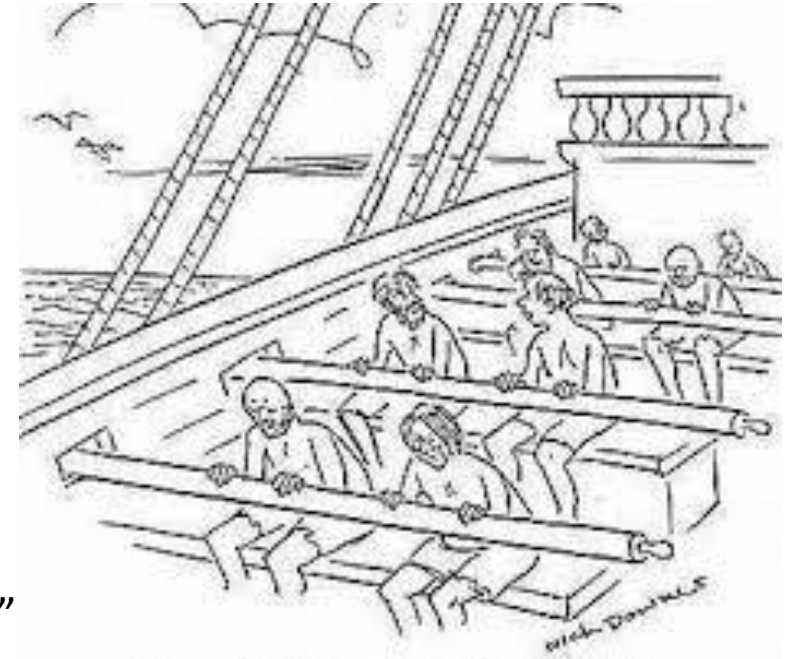
■ Doing the thesis work

Highlights:

Thesis with a host organisation

TU Delft website “studentportal /education/masterforms”
See “conditions for graduation at a company”

- Combined contract company / tudelft
- Contract manager TUDelft signs



Are you in their internship program as well ?



■ Doing the thesis work

Highlights:

Completing

Green light meeting: 20 working days before defense, CIE-3
grade >6 doable

Finish / submit everything 5 days before defense

Defense => Thesis assessment => Diploma

Grading

Scientific approach (25%)

Quality of result (25%)

Behavioural skills, such as independence, initiative and communication (20%)

Quality of written presentation (15%)

Quality of oral presentation and defense (15%)



■ Checklist / Procedures

see checklist graduation Water Resources
see checklist graduation Sanitary Engineering
Website Water Management

Highlights:

[SPA Forms:](#)

Website www.tudelft.nl, studentportal, education, master, forms etc.

CIE 0: Procedure Graduation (for the Faculty)

CIE 1: Application start MSc

CIE 2: Form Master Examination Programme

CIE 2a: Changes to CIE-2

CIE 3: Application Form MSc degree



■ Procedures

checklist graduation Water Resources
checklist graduation Sanitary Engineering



Highlights:

Forms:

Website www.tudelft.nl, studentportal, education, master, forms etc.

CIE 0: Procedure Graduation

CIE 1: Application start MSc >65EC, => SPA-Citg.tudelft.nl

CIE 2: Form Master Examination Programme @start Thesis, sign => [Graduation Coordinator](#)

CIE 2a: Changes to CIE-2

CIE 3: Application Form MSc degree @Green light, => SPA-Citg.tudelft.nl



■ Procedures

checklist graduation Water Resources
checklist graduation Sanitary Engineering

Highlights:

[Water Resources Department/ Sanitary Engineering :](#)

- Prepare a A4 size document for the WAM website (ongoing MSc research) => send to secretariat
- Participation in Colloquia



Now, on this slide, may I direct your attention to the flashy animation and cool transition effects... because I worked really, really hard on them.

■ Checklist / Procedures

checklist graduation Water Resources
checklist graduation Sanitary Engineering

Highlights:

Don't forget:

Upload thesis report to Central Library

Education Repository



■ Procedures

checklist graduation Water Resources
checklist graduation Sanitary Engineering

Highlights:

[Water Resources Department/ Sanitary Engineering:](#)

- Reserve a room for the defense
- Send announcements, billboards, secretariat, dispuut
- My advise: Try out the defense presentation



Congratulations, don't forget to return the borrowed equipment, ...Congratulations, don't forget to return the borrowed equipment, ...Congratulations, don't forget to return the borrowed equipment

See all on: website Water Management

[Bachelor](#)

[Master](#)

Checklist MSc

[Available MSc projects
Water Management](#)

[MSc research Hydrology](#)

[MSc research Water
Resources Engineering](#)

[MSc research Sanitary
Engineering / Urban Water
Engineering](#)

[Veldwerk](#)

[Online Professional Education](#)

[Marc van Eekeren Reisfonds](#)

MSc Thesis Water Management, projects, research, checklist

The final educational activity when doing an MSc in Civil Engineering is the graduation project, resulting in an MSc thesis. The graduation project is 40 EC.

Available MSc/BSc projects Water Management

- [Available MSc/BSc projects Water Management](#)

Ongoing and completed MSc research

Examples of ongoing and completed MSc research can found here:

- [Hydrology](#)
- [Water Resources Engineering](#)
- [Sanitary Engineering / Urban Water Engineering](#)

Procedures

Details about how to select a topic and the procedure can be found in the following documents:

- [Application form Master-defence](#)
- [Guide for graduation work Water Management](#)
- [Checklist graduation Water Resources](#)
- [Checklist graduation Sanitary Engineering](#)
- [Checklist graduation Environmental Engineering](#)
- [Graduation guide Environmental Engineering](#)
- [Graduation procedure starting 1 September 2020](#)

Please note that due to Corona some of the procedures in the checklists and guidelines temporarily have changed.

[Available MSc/BSc
projects Water
Management](#)



Have you tried under **"TUDelft Water"**

