

# OKP Newsletter

July 2021



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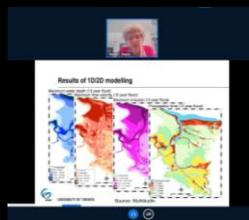
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# Academic milestones

July 2021, Delft

Dear partners,

As a young researcher at the beginning of your academic career, you set goals for yourself and hope to reach certain milestones. Publishing a paper in a highly acclaimed journal for example, or having your article get cited many times. Perhaps it is working together with a certain professor in your field, or maybe you want to be able to teach in front of a large class, or learn a certain skill such as programming or modelling. The milestones can also be getting your degrees: bachelor, master or even a PhD degree. In this newsletter we can report on many research and academic milestones of our partners. The multidisciplinary research on the current and future salt water intrusion in the Cai River was concluded, and Tung Dao defended his PhD on the hydraulic performance of brushwood fences for mangrove replantation in the Mekong Delta at the TU Delft. Furthermore, over 40 Vietnamese participants completed our online courses on general research skills and content-related topics such as multi-hazard risk assessment. Congratulations to all! But we are not done yet! Please enjoy our reported successes as well as new plans in this newsletter, and be sure to check out the opportunities at the end, which includes a research funding opportunity!



# OKP Vietnam & Myanmar: News and (planned) activities

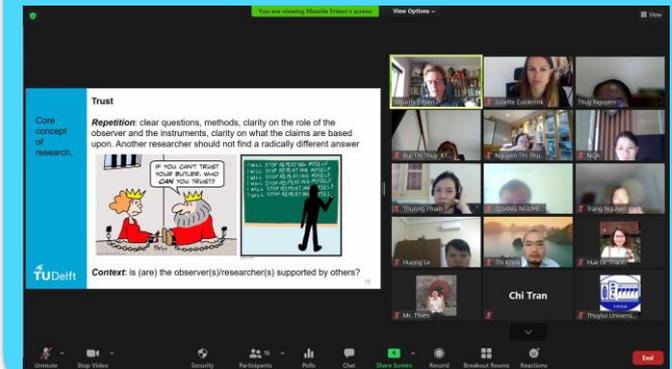
## Final defence salinity research in the Cai River

Four TU Delft MSc students researched current and possible future salt water intrusion into the Cai River basin, Nha Trang, Vietnam. They were co-supervised by OKP partners on both the Dutch (TU Delft) side and the Vietnamese (Thuyloi) side. They created a water balance on both the yearly and monthly timescale for the basin area, and built two models to simulate the salt water intrusion: an analytical model and a numerical model (in Delft3D). Amongst other results, they concluded that sea level rise can potentially increase salinity values up to  $2.5 \text{ kg/m}^3$  in 2070 (till 8 km from the river mouth), and that saltwater could reach up to 1 km further inland. This could have disastrous implications for domestic water usage. On Friday July 2nd, they defended their work in a hybrid setting with many participants joining online from Vietnam and the Netherlands. The group received a 9/10 for their amazing work! You can download their full report [here](#).



## Research set-up & literature review course

In the last week of June, TU Delft Associate Professor Dr. ir. Maurits Ertsen gave a multiple day training course to partners from HUNRE and Thuyloi University (Northern and Southern campus) on different aspects of conducting research. The course made use of multiple online tools and was joined by 14 Vietnamese participants. In the fall of 2021, the successful course will be given again to another round of participants!

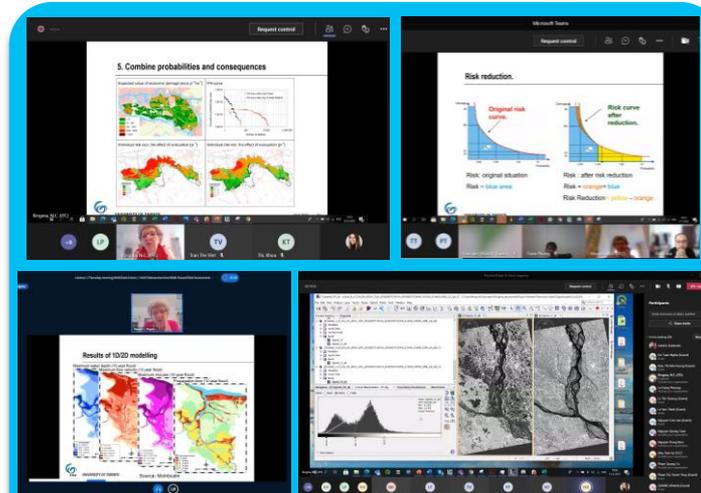
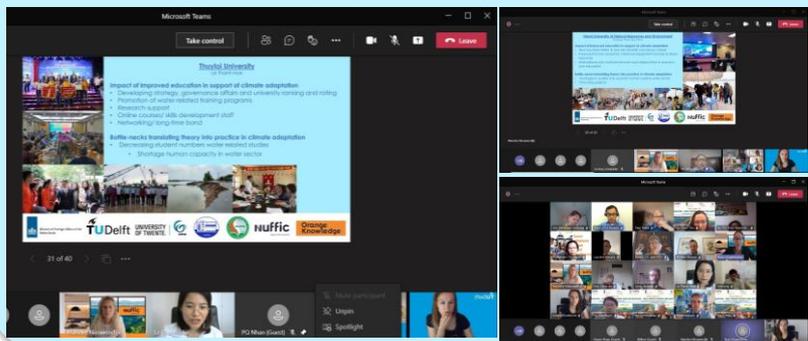


You can find more information about collaboration on the TU Delft-Vietnam website: <https://www.tudelft.nl/citg/vietnam/> and on the TU Delft-Myanmar website: <https://www.tudelft.nl/myanmar/>

# OKP Vietnam & Myanmar: News and (planned) activities

## OKP Vietnam partner days 2021

Friday June 18<sup>th</sup> marked the online OKP Vietnam Country Partner Days, organized by Nuffic. Partners joined from all the OKP ICPs, as well as the tailor-made trainings to share some results as well as to discuss the future of Nuffic-funded projects and institutional collaboration between Vietnam and the Netherlands. Project partners Prof. Pham Quy Nhan, Le Thanh Hue and Lindsey Schwidder presented on our OKP Climate Proof Vietnam project during this meeting.



## Over 20 Vietnamese participants complete Multi-Hazard Risk Assessment training

From June to July we organized a 5 week course on Multi-Hazard Risk Assessment for our partners from HUNRE and Thuyloi University. Participants learned how to conduct a risk assessment using spatial information on hazards, elements at risk and vulnerability. They also learned how this information can be used in risk management, with a focus on urban areas and delta regions. The course was organized by ITC Twente, with Nanette Kingma as head trainer.

## HUNRE library facilities support

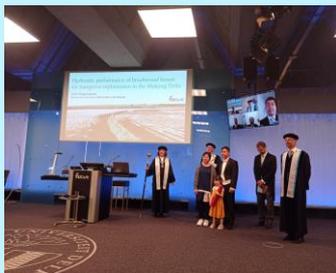
ITC Twente expert Marga Koelen has worked together with the library staff of HUNRE to improve the current library facilities. Over 50 books have been ordered (both English and Vietnamese) to add to the library shelves at HUNRE. They should arrive at the start of the next academic year.

You can find more information about collaboration on the TU Delft-Vietnam website: <https://www.tudelft.nl/citg/vietnam/> and on the TU Delft-Myanmar website: <https://www.tudelft.nl/myanmar/>

# OKP Vietnam & Myanmar: News and (planned) activities

## PhD defence Tung Dao

HUNRE lecturer Tung Dao successfully defended his PhD in the Aula of the TU Delft on July 8<sup>th</sup>. He spent the past years researching the *hydraulic performance of brushwood fences for mangrove replantation in the Mekong Delta*. You can download his full dissertation [here](#) and find his research articles [here](#).



## Hybrid student defences at HUNRE

Final year IWRM bachelor students of HUNRE defended their thesis between the end of June and beginning of July. Due to the current Covid-19 situation in Hanoi, the defence was organized in a hybrid setting. The students presented and defended online while their teachers discussed and evaluated at the HUNRE campus!



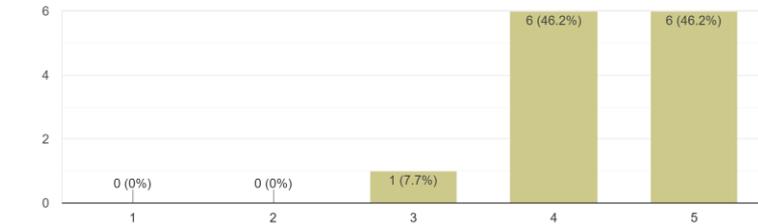
## Tailor-made course on Sentinel data for monitoring land & water resources in Vietnam commences early August

After a training needs assessment amongst Vietnamese partners, the preparations are in full flow for our next tailor-made course on using Sentinel data for monitoring land & water resources in Vietnam. Over 30 participants signed up for this course which will focus on the Red River Delta, Da Nang area and the Mekong Delta, starting August 4<sup>th</sup>.

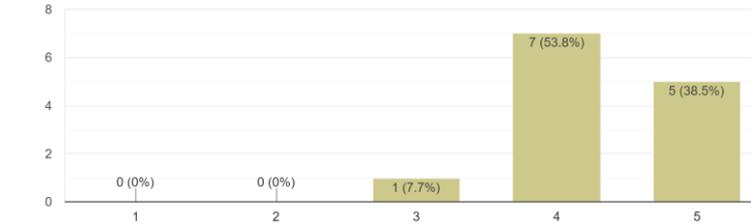
You can find more information about collaboration on the TU Delft-Vietnam website: <https://www.tudelft.nl/city/vietnam/> and on the TU Delft-Myanmar website: <https://www.tudelft.nl/myanmar/>

# Online course evaluation results: Research set-up & literature review

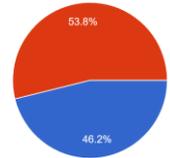
How would you rate the training course as a whole?  
13 responses



How would you rate part 2 of the training course: Literature Review?  
13 responses

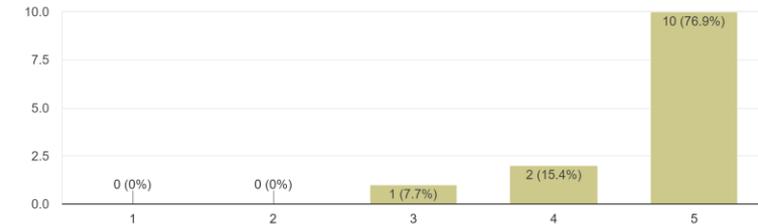


Did you find the homework assignments useful?  
13 responses

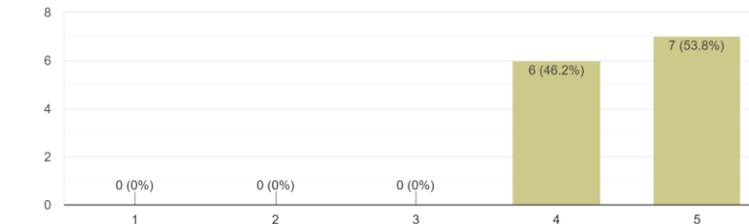


- Yes, very useful
- Yes, quite useful
- Neutral
- No, not very useful
- No, not useful at all

How would you rate the use of tools and teaching methods (Zoom, Google Classroom, PowerPoint, Breakout rooms etc.)  
13 responses



How would you rate part 1 of the training course: Research Set-up?  
13 responses



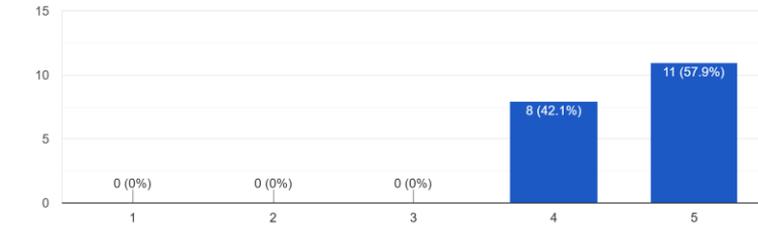
*“Excellent teaching,  
nice structure of the  
lectures”*

*“The professor is super knowledgeable.  
The methods and knowledge given in the  
training are helpful and above my  
expectation.”*

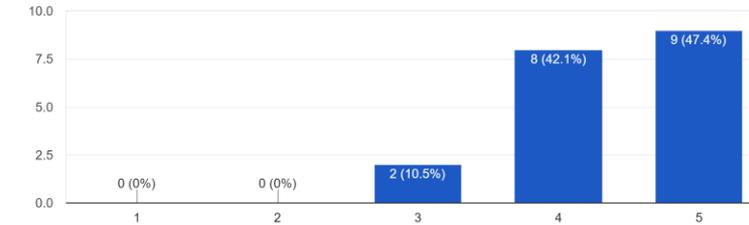
*“I like the homework. It is a bit odd! However, under  
homework pressure, I had to read the slides and understood  
more. Especially, when comparing my homework with the  
trainer's example, I saw how little I did and found rooms for  
improvement.”*

# Online course evaluation results: Multi-Hazard Risk Assessment

How would you rate the training course as a whole?  
19 responses

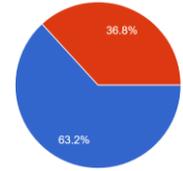


How would you rate the practical sessions of the course?  
19 responses



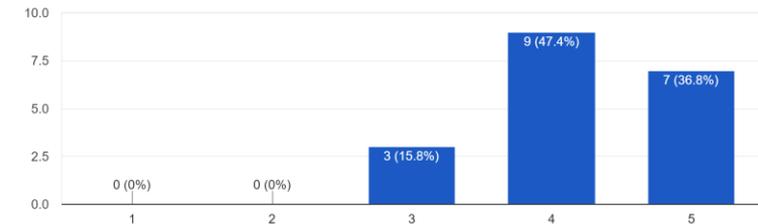
Did you find the homework assignments useful?  
19 responses

19 responses

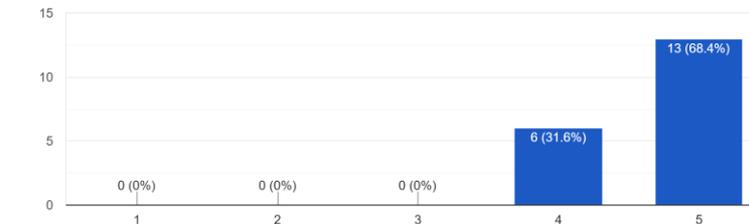


- Yes, very useful
- Yes, quite useful
- Neutral
- No, not very useful
- No, not useful at all

How would you rate the use of tools and teaching methods (Canvas and Teams)?  
19 responses



How would you rate the content lectures of the course?  
19 responses



*“There is lot of information in the lectures that can be used in my lectures for HUNRE’s students. Really nice!”*

*“The main teacher is very enthusiastic about the lesson, through preparing the lesson in detail and inviting other teachers to participate in the teaching. She always accompanies us during class time as well as homework time, besides she also takes the time to ask our homework or answer our questions via email.”*

*“Presentations and guest lectures were well designed and informative. Exercises were practical. Trainer was very supportive!”*

# Opportunities: research funding and courses

## Global Development Awards Competition

The Global Development Network invites researchers from low-income or middle-income countries to submit research proposals within the theme:

### International trade and the promotion of biodiversity

This is for the Japanese award for outstanding research on Development (ORD) 2021, in which the three winning projects will receive grants worth US \$45,000.

Deadline for submissions: 29<sup>th</sup> July 2021

More information can be found [here](#)

## DelftX: Free TU Delft EdX courses

Did you know TU Delft makes Massive Open Online Courses (MOOCs)? You can browse online courses in a variety of (technical) subjects. The courses can be audited free or students can choose to receive a verified certificate for a small fee. Check out the courses on [the EdX platform!](#)

