

OKP Newsletter

May 2022



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Spring has arrived - time for new things!

May 2022, Delft

The most recent IPCC report shows what you may already know: climate change is already causing more frequent and more severe storms, floods, droughts, wildfires and other extreme weather events. Therefore, besides the much needed climate mitigation actions, we need to learn to adapt to our changing climate worldwide. A good reminder that this is what OKP Climate Proof Vietnam is all about: preparing the future generation for the climate and water challenges that Vietnam will face! Entering the final year of the project, together with ITC Twente and our community of practice, we will continue to focus on equipping our partners with the tools and knowledge to do so.

With spring arriving and the world opening up again, in the past months we were finally able to resume activities offline! You can read all about it in this newsletter. This may edition contains a special feature on the completed TMT+ on river morphology and flood risk using state-of-the-art open satellite data and processing tools. We also share with you OKP news from the past months, including the PhD defence of Thu Ha Nguyen, the SHARE dialogue online course and the tailor-made workshop on using PCSWMM software at Thuyloi. Do not forget to check out the mission recap on page 6 of this newsletter, as well as some opportunities on the final page. Enjoy the read!



MAR method:

- Freely injecting harvested rain water into private wells

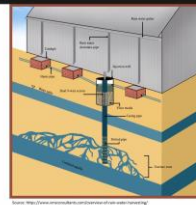
Audience:

- Local people (in a village) who use wells for irrigation and/or domestic use.

Training and equipment:

- Recording the amount of injected on the Flow meter.
- Using meter to measure the groundwater level (Everyday).
- Taking groundwater samples.

→ Data is taken and send via text message or Zalo.



OKP Vietnam & Myanmar: News and (planned) activities

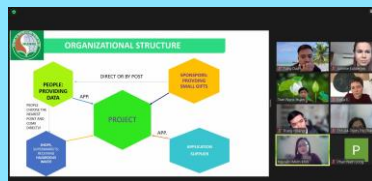
SHARE policy dialogue 2022

OKP partner Juliette Eulderink was invited to participate in a panel during the SHARE Policy Dialogue 14. The panel discussed the contribution of higher education partnerships in South-East Asia towards the achievement of the sustainable development goals 2030. You can watch the full dialogue [here](#).



Citizen science online course part 2 completed

The second part of the tailor-made online course on Citizen Science for environmental scientists was completed in April 2022. Participants worked on incorporating citizen science components in their own research projects and had their final presentations. Congratulations to all participants!



Workshop Thuyloi: PCSWMM for urban drainage modelling

In April TU Delft MSc student Florida Visser travelled to Hanoi to carry out fieldwork for her thesis on fault tree analysis of urban drainage systems. Her case study is in the popular Thanh Xuân district, Hanoi. In May she facilitated a workshop on using PCSWMM software for urban drainage modelling at Thuyloi University.



PhD defence Nguyen Thi Thu Ha

Nguyen Thi Thu Ha successfully defended her PhD thesis in the field of coastal engineering. During her time in Delft she researched wave overtopping processes for mild sloping and shallow foreshores. Congratulations Ha!



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

Nuffic impact story: Do Thi Thuy Dung

HUNRE alumnus Do Thi Thuy Dung was featured in the [Nuffic impact story](#) on international women's day. Dung participated in the OKP Climate Proof Vietnam project throughout her bachelor Integrated Water Resources Management at HUNRE. She was part of the first graduating batch in the newly formed curriculum. She is now majoring in Water Science Engineering at IHE Delft Institute for Water Education in the Netherlands, for which she received an OKP scholarship. Specializing in Hydrology and Water Resources, Dung plans to put her newly-gained knowledge to use to improve the water quality in her home country.



OKP Citizen Science efforts in VN

TU Delft has been working together with HUNRE on IWRM Citizen Science concepts and projects over the past years as part of OKP Climate Proof Vietnam. Vietnam News published [this article](#) on the efforts towards citizen science data collection campaigns. Project partner Prof. Pham Quy Nhan explains how we are for example re-using plastic water bottles in our OKP project to make rain gauges. This allows Vietnamese communities to collect precipitation data, thereby contributing to an integrated flood risk assessment study.

TMT Sustainable shrimp farming with mangrove restoration



Closing ceremony at Can Tho University in hybrid form

Our OKP partner ITC Twente, together with Can Tho University and the company Sustainable Aquaculture Solutions joined forces last year in running a TMT on Sustainable shrimp farming and mangrove restoration. On May 12th, they concluded the training with a closing ceremony where all participants got their certificates.



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/>

Mission recap: back after two years!

Project coordinator Juliette Eulderink visited Hanoi from March-April 2022 for the first time after two years of pandemic! It was an eventful mission full of activities, hard work and fun. See the photos and a short recap below!



Meeting at the Institute of Natural Resources and Environment Training (InNET) with Dr. Dinh Thai Hung (Deputy Director General) and Dr. Nguyen Binh Minh (Head of Division of Science, Tech and Int. Coop.)



Field visit to Ninh Binh province to scout new practice sites for the fieldwork curriculum of the IWRM bachelor. This included visiting a hydrological station, a meteorological station and several field sites for experimentation.



Meetings with project partners and staff members from both HUNRE and Thuyoi university. Discussing the progress of outputs and making plans for the final project year for the curriculum and organisational development of both universities.

In the spotlight: final symposium

TMT+ river morphology and flood risk using state-of-the-art open satellite data and processing tools (HKV & TU Delft)

The final training week of the OKP TMT+ took place at HUNRE from 16-20 May, 2022. This was the follow up on the online training which took place in the months before. During the training the participants learned the basics on how to work with Google Earth Engine and Remote Sensing datasets. Google Earth Engine (GEE) is a powerful cloud-computing tool to access and process open source remote sensing data sets.



On the final training day, a symposium was organised at HUNRE by project partners HKV and TU Delft. After the opening words by Laurent Umans from the Dutch embassy, HKV project leader Nicole Jungermann, and Prof. Pham Quy Nhan from HUNRE, participants shared knowledge on remote sensing and the experiences on the newly gained skills through a self-defined case tailored to their field of knowledge.



Opportunities

Introducing the Elsevier Nature-Based Solutions journal

Elsevier ScienceDirect has published the first edition of a brand new open-access journal: Nature-Based Solutions.

The journal publishes full-length research papers, reviews, policy analyses, perspective articles, short communications and case studies. Publications should build the evidence base on NBS through in-depth investigation of local and regional use cases. This in turn supports the integration of NBS within multi-level, evidence-based policy instruments.

The journal is waiving the article publishing charge for all accepted articles submitted before March 31st 2023!



*Check
out the
journal
[here](#)*

Save the date: World Water Week 2022

World Water Week 2022 will take place 23 August to 1 September online and in Stockholm! This new edition will offer opportunities to connect face to face and propose online components to engage worldwide. The theme this year is 'Seeing the unseen: The value of water.' More information

Online and in Stockholm, Sweden | 23 August - 1 September 2022

Seeing the Unseen: The Value of Water

*Interested?
[Click here](#)*