

## Curriculum Vitae

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 First Name: Vera  
 Nationality: Dutch  
 Main Disciplines: Water resource management, climate change, international development, hydrology, agriculture, remote sensing  
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## Key Qualifications

Vera Hollander is a water management expert with a broad range of expertise in international water projects. She holds a BSc. in Civil Engineering and a MSc. in Water Management from Delft University of Technology. Over the last 9 years, she has built up a varied track record within the field of water resource management and international development in both the private and public sector. Activities included working as a water management officer Myanmar, research projects in Tanzania and Mozambique, capacity building courses for multiple Asian countries, leading and coordinating different consultancy assignments and exchange programs in Italy and the United States.

Vera is an ambitious and idealistic professional, who aims to contribute to a more sustainable and inclusive world by applying her technical and analytical skills in an integral approach, with eye for detail and social impact. She has professional experience in different countries and can work in challenging circumstances, both as part of a team and individually. She is able to look at challenges from different angles and to communicate and work together with various types of stakeholders, ranging from high level to local champions on the ground. She is flexible, pro-active and committed to developing herself personally and professionally in order to contribute to a better world.

## Educational Background

2015 – 2018	MSc. Water Management (cum laude), Delft University of Technology, The Netherlands
2016	MSc. Civil Engineering, exchange semester at the University of Bologna, Italy
2014 – 2015	Minor International Entrepreneurship and Development, Faculty of Technology, Policy and Management, Delft University of Technology, The Netherlands
2011 – 2015	BSc. Civil Engineering, Delft University of Technology, The Netherlands
2011	Undergraduate exchange program, Flagler College, Saint Augustine, United States

## Professional Experience

2021 – present	Water Management Expert   FutureWater (Wageningen, The Netherlands)
2020 – 2021	Staff Special Envoy for International Water Affairs   Ministry of Infrastructure and Water Management (The Hague, The Netherlands)
2020	Advisor Satellite Applications   Netherlands Space Office (The Hague, The Netherlands)
2019 – 2020	Water Management Officer   Embassy of the Kingdom of The Netherlands in Myanmar (Yangon, Myanmar)

2018 – 2019	Project Officer International Water Management   Ministry of Economic Affairs and Climate (The Hague, The Netherlands)
2017 – 2018	Junior researcher remote sensing and irrigation   Resilience BV (Chimoio, Mozambique)
2016	Junior consultant/engineer climate adaptation and urban drainage   Witteveen+Bos (Amsterdam, The Netherlands)
2014 – 2015	Junior researcher water supply and international development   Delft University of Technology (Kagondo, Tanzania)

## Overseas Experience

As resident:	Myanmar, Cambodia, Mozambique, Tanzania, Italy, United States
As non-resident:	Thailand, Indonesia, Bangladesh, China, Kenya, Iraq, Georgia, Azerbaijan, Fiji, Zambia, Angola

## Selection of Assignments and Projects

2023	Developing the Central Asia Regional Economic Cooperation Water Pillar: Preparation (literature study into current and past water and agriculture projects) for a climate change assessment for Georgia and Azerbaijan as part of a project for the Asian Development Bank.
2022	Tailor-made Training on Geo-spatial Data Skills Development in Zambia: This tailor-made training, funded by Nuffic and requested by the staff of the Ministry of Agriculture of the Government of the Republic of Zambia (GRZ), aims to help improving soil water management and crop productivity at the national level. The training focuses on building capacity of participants in accessing and using public data and innovative open-source tools.
2021 – 2022	Training on Real Water Savings in Bangladesh, Thailand, Indonesia and China for FAO's Regional Water Scarcity Program. Training program on ReWaS, a simple tool to estimate the potential for generating real water savings from various agronomic, water management and technical practices in irrigated agriculture.
2021 – 2022	APSAN-Vale: Piloting Innovations to Increase Water Productivity and Food Security in Mozambique. This project, funded by the Dutch Embassy in Maputo, aimed to increase climate resilient agricultural productivity and food security, with a specific objective to increase the water productivity and profitability of smallholder farmers in Mozambique, prioritizing small (family sector) farmers to increase food and nutritional security.
2021 – 2022	Mavo Diami: Services on Land-crop Suitability Mapping and Operational Irrigation Advice in Angola. This project aimed to improve sustainable food and income security for >100,000 smallholder farmers in Angola, by accelerating their agri-business performance through informed decisions supported by the Mavo Diami services built on weather, soil and crop signals and other relevant data and indicators. Part of the Geodata for Agriculture and Water Program of the Netherlands Space Office.
2021 – 2022	HiFarm: Data Driven Agricultural Intensification Pilot Program for Maize, Coffee and Tea Farmers in Kenya, by eco.business Fund, in partnership with FutureWater and Export Trading Group (ETG). This project aimed to improve farmer productivity and profitability whilst enhancing the environmental risk management and climate resilience of Kenya's maize, coffee, and tea crops through improved soil and crop nutrition management.
2021	Tailor-made Training on Climate Smart Irrigation Strategies to Improve Salinity Control and Enhance Agricultural Production in Iraq. This tailor-made training, funded by Nuffic and requested by the staff of the college of Agriculture of Basra University, aims to help mitigate soil and water salinization problems hampering agricultural production in Iraq.

2020 – 2021	Organization and coordination of the Water Action Track event of the Climate Adaptation Summit, together with the Global Centre on Adaptation and Ministry of Infrastructure and Water Management.
2020 – 2021	Staff Special Envoy for International Water Affairs: support in ongoing programs, such as Water as Leverage in Indonesia, India and Bangladesh.
2020	User analysis Geodata for Agriculture and Water: investigate use cases of WaPOR, the FAO Water Productivity Open-access portal that uses remote sensing technologies to monitor and report on agricultural water productivity over Africa, for the Netherlands Space Office.
2020	Needs assessment, fieldwork and participatory community-based planning regarding sustainable development, agriculture and water management in Chin State, Myanmar for the Embassy of the Netherlands in Myanmar.
2019 – 2020	Developing new project and program proposals regarding water management, together with international organisations, local government and other relevant stakeholders (World Bank, WWF, ADB, private sector), in cooperation with the Embassy of the Netherlands in Myanmar.
2019	Organization of the Joint Steering Committee in Yangon, Myanmar, with high level participants from The Netherlands and Myanmar, such as Myanmar ministers, the Dutch ambassador and the Special Envoy for International Water Affairs.
2019	Project advisor for the subsidy instrument Partners for Water with the Dutch Enterprise Agency as part of the Ministry of Economic Affairs and Climate,
2019	Project officer for the organisation and facilitation of Dutch Risk Reduction missions to Fiji Kenya and Myanmar, with the Dutch Enterprise Agency as part of the Ministry of Economic Affairs and Climate.
2017 – 2018	Junior researcher for the research project 'Mapping of farmed-led irrigated agriculture with remote sensing in Central Mozambique', including fieldwork, community mapping exercises, farmer interviews, GIS analysis and land use classification with remote sensing.
2016	Junior consultant/engineer climate adaptation and urban drainage at Witteveen+Bos, including research into damage due to pluvial flooding and climate smart infrastructure in the Netherlands.
2014	Junior researcher water supply and international development. Research into the water supply system of a small hospital in Tanzania, together with a Dutch NGO and Delft University of Technology, leading to recommendations for a sustainable system to make the hospital more self-supporting.
2010	Volunteer work at a school in Kandek Community, Cambodia. Supporting children with education in English, Sports and Arts.

## Language Skills

Dutch:	Mother tongue
English:	Fluent in writing and speech
German:	Basic
French:	Basic
Spanish:	Basic

## Computer Skills

GIS:	QGIS, Google Earth Engine
Other:	MS Office, R, Python, InfoWorks