Curriculum Vitae

Name:	L.M. Verschuren
First Name:	Lisa
Date of Birth:	5 September 1992
Nationality:	Dutch
Main Disciplines:	Water resource management, Hydrology, Hydraulics, Remote Sensing and GIS
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Key Qualifications

Lisa Verschuren is a hydrology and water resource management expert with 4 years of working experience. She holds a BSc. in Systems Engineering, Policy and Management and a MSc. in Water Management from Delft University of Technology. During her study, she did research projects in Nepal on the use of citizen science for land use validation and rainfall in the Kathmandu valley. In addition, she applied novel remote sensing methods to investigate patterns of human response to riverine floods by quantifying the human footprint in flood prone areas using night-time light data.

Lisa is a water professional with strong client communication skills. She is detail oriented, output driven, and is always searching for new novel data sources and methods. After three years in urban drainage management, she decided to follow her passion by giving expert advice on environmental topics. With her experience and technical background, she is great at tackling any challenge.

Educational Background

2016 – 2019	MSc. Water Management, Delft University of Technology, the Netherlands Thesis: Socio-hydrology in floodplains: Investigating patterns of human response to riverine floods by quantifying the human footprint in flood prone areas using night-time light data
2011 – 2016	BSc. Systems Engineering, Policy and Management, Delft University of Technology, the Netherlands

Professional Experience

2022 – present	Consultant / researcher Hydrology, FutureWater, Wageningen, The Netherlands
2019 – 2022	Consultant Urban Water, Royal HaskoningDHV, The Netherlands

Overseas Experience

As resident:	Nepal, Italy (both three months)
As non-resident:	Zambia, Ghana

Selection of Assignments and Projects

2023 – Present	SOSIA+: Climate Smart Irrigation Services in Ghana (Partners voor Water/RVO)

2022 – Present	MAGDA: Meteorological Assimilation from Galileo and Drones for Agriculture (European Commission)
2022 – 2023	Mavo Diami: Improve sustainable food and income security for smallholder farmers in Angola (Geodata 4 Agriculture and Water, Netherlands Space Office).
2022 – 2023	SOSIA: Small-Scale Opensource Satellite-based Irrigation Advice; Strengthen the decision-making process for small-holder farmers in Rwanda (Netherlands Space Office) SOSIA stands for Small-scale Open-Source based Irrigation Advice and fully relies on open-source satellite data which is used to establish virtual weather stations which are translated into an irrigation duration advice based on specific irrigation design characteristics.
2022	Hydrological Assessment for the Lunyangwa Dam, Mzuzu, Malawi (Posch & Partner GmbH)
2022	APSAN-Vale: Piloting Innovations to Increase Water Productivity and Food Security in Mozambique (Agência do Zambeze) This project aimed to increase climate resilient agricultural (water) productivity and food security, with a specific objective to increase the water productivity and profitability of smallholder farmers in Mozambique using drone imagery and crop simulation modelling (AquaCrop).
2019	MSc. Thesis 'Socio-hydrology in the floodplain: investigating patterns of human response to riverine floods by quantifying the human footprint in flood prone areas using night-time light data.
2017	Multi Disciplinary project, Smartphones4water, Kathmandu Nepal: Project on the use of citizen science for land use validation and rainfall in the Kathmandu valley, Nepal

Language Skills

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

Computer Skills

Simulation models:	HEC-HMS, Infoworks ICM, Spatial Processes in Hydrology (SPHY)
Programming:	Python, R, JavaScript
GIS / remote sensing:	ArcGIS, QGIS, Google Earth Engine
Others:	Indesign