

Curriculum Vitae



Name: B D'Haeyer MSc. DIC.
 First Name: Brecht
 Date of Birth: 16 December 1993
 Nationality: Belgian
 Main Disciplines: Environmental sciences, Hydrology, Hydraulics, International Water Resources Management and Engineering, and Agriculture
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Key Qualifications

B. D'Haeyer (MSc.) is a hydrologist and water resources engineer with 3 years of experience in surface water (Irrigation engineering, river engineering, lock engineering) and groundwater (saline agriculture, droughts, pumping test analyses). He has worked both for the public and private industry in Belgium, Bangladesh, Burundi, India, Myanmar, and Tajikistan. Brecht has advanced skills in hydraulic and hydrologic modelling and GIS analysis using a variety of existing software packages (i.e. HECRAS, LOCKSIM, Flowpath II, EPANET, SIRIO, ArcGIS, QGIS, ICM Infoworks), and programming languages (Matlab, R). He is an ambitious and idealistic young professional who aims to contribute to a more sustainable and inclusive world, thereby combining his socio-technical background with his experiences from international water projects. This specific combination has allowed Brecht to look beyond the technical problem, tackle complex challenges, and contribute to the most sustainable solution. Brecht is currently a consultant/ researcher on Hydrology at the FutureWater office in Wageningen.

Educational Background

2018 – 2019 MSc. Hydrology and Water Resources Engineering, Department of Civil & Environmental Engineering, Imperial College London, London, United Kingdom
 2016 – 2017 Minor Programmes: 'Agriculture and Quantitative/ Qualitative Water Management' and 'Climate Change and Oceanography', College of Agricultural & Environmental Sciences, University of California, Davis, United States of America
 2013 – 2018 BSc. International Land and Water Management, Water Resources Management Group, Wageningen University and Research, Wageningen, The Netherlands

Professional Experience

2021 – present Hydrology researcher/ consultant, FutureWater, Wageningen, The Netherlands.
 2020 – 2021 Project Engineer, International Marine & Dredging Consultants (IMDC), Antwerp, Belgium.
 2019 – 2020 Trainee Water Security and Flood Safety, Arcadis Myanmar, Yangon, Myanmar.
 2017 – 2020 Junior Water Resources Engineer, Northwest Hydraulic Consultants (NHC), International position (before, during and after MSc programme).

Overseas Professional Experience

As resident: Bangladesh, Burundi, India, Myanmar
As non-resident Tajikistan

Selection of Assignments and Projects

2020 - 2021 MSc Internship: "Regional Water Security Study for Greater Yangon: A pluvial, Fluvial and Coastal Flood study along the Ayeyarwady River.", as a Flood Risk and Water Safety Trainee with Arcadis, Yangon, Myanmar.

2019 MSc. Thesis: "Irrigation Modernisation through transitioning from an Open to a Semi-Open Irrigation Scheme in Ara, Bihar, India: An assessment of the Hydraulic and Operational Impact at Distributary Level using a 1D HEC-RAS Model", as a junior engineer with Northwest Hydraulic Consultants, Patna, India.

2017 – 2018 BSc Internship + Thesis: "River Response to long-guiding Bank Revetments: an example from the Brahmaputra River in Bangladesh", as a junior engineer with Northwest Hydraulic Consultants, Dhaka, Bangladesh

Language Skills

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

Computer Skills

Simulation models: CROPWAT, HEC-RAS, LOCKSIM, ICM InfoWorks, Epanet, FlowPath, SIRIO, Sobek
GIS: ArcGIS, QGIS
Others: Matlab, R, Surfer 2D/3D, AutoCAD (Civil 3D)