FutureWater

Curriculum Vitae

Name:	Thomas van Eldik MSc.
First Name:	Thomas
Date of Birth:	29 July 1997
Nationality:	Dutch
Main Disciplines:	Climate Risks, Spatial Analysis, Hydrological Modelling
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Key Qualifications

Thomas van Eldik holds a master's degree in Global Environmental Change & Policy – Earth Sciences from VU Amsterdam and a bachelor's degree in Liberal Arts & Sciences from Utrecht University, where he majored in Environmental Sciences and Philosophy. His background in philosophy, with a focus on human-nature relationships, provides him with a unique perspective on contemporary environmental challenges. With his interdisciplinary background he integrates approaches from the humanities, social sciences, and natural sciences to better understand and address climate change impacts and global water risks**.**

In his master's, Thomas specialized in water and climate risk assessment, gaining expertise in QGIS, Python, and hydrological modeling (SFINCS, CWATM). He contributed to the development of the coupled agent-based hydrological model GEB at VU Amsterdam, enhancing reservoir simulation to better assess water scarcity dynamics. He has gained hands-on experience in environmental policymaking through his work at the environmental NGO Urgenda. At FutureWater he is a consultant/researcher working at the intersection of water, climate and agriculture.

Educational Background

2022 – 2024	MSc. Earth Sciences, specialization Global Environmental Change & Policy VU Amsterdam, The Netherlands – Cum Laude.
2017 – 2021	BSc. Liberal Arts & Sciences, Utrecht University, The Netherlands. Majors in 'Water, Climate & Ecosystems' and Philosophy.
2009 – 2015	VWO - General Secondary Education at Advanced Level, Gymnasium Celeanum, Zwolle.

Professional Experience

2025 – present	Researcher
2024 – 2024	Data Analyst and Campaign Developer for The Climate Chain, Urgenda foundation, Zaandam, The Netherlands.

Overseas Professional Experience

As resident:	Canada

Selection of Assignments and Projects

2025 – present	BUCRA, Egypt.
2024 – 2024	MSc. Thesis: "Modelling Reservoir Effects - Improving Reservoir Simulation in GEB to Assess Water Scarcity Dynamics".
2022 – 2022	BSc. Thesis: "'Historic Grazing Lands in Mexico - A Literature Comparison With the HYDE Model".
2021-2022	Philsophy Thesis: "Kants 'plan of nature' in the Anthropocene'.

Language Skills

Dutch:	Mother tongue
English:	Fluent in writing and speech
German:	Intermediate
Spanish:	Elementary

Computer Skills

Simulation models:	SFINCS, GEB
Programming:	Python (RasterIO, GeoPandas, Pandas, NumPy, Honeybees)
GIS:	ArcGIS, QGIS
Standard software:	MS Office