

Curriculum Vitae

Name: B. Harris MSc.
 First Name: Benjamin
 Date of Birth: 25 April 1998
 Nationality: Canadian
 Main Disciplines: Water Resource Management, Environmental sciences, Hydrology
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Key Qualifications

Benjamin Harris is a hydrologist and water resources engineer with a strong background in environmental sciences and international experience in water resource management. With an MSc in International Land and Water Management from Wageningen University and a BSc in Civil Engineering and International Development from the University of Western Ontario, Benjamin combines technical expertise with a passion for addressing water challenges in urban, agricultural, and natural settings. His work spans hydraulic and hydrological assessments, flood risk management, and climate change adaptation projects, utilizing advanced tools such as GIS, remote sensing, and hydrological models. Benjamin's professional experience includes work with AECOM in Canada and project engagements across various countries, including Cambodia, Uzbekistan, Kyrgyzstan and Spain. His recent work focuses on climate change adaptation for rice-based systems in the Mekong Delta, leveraging a combination of technical modeling and participatory approaches. Adept at both independent research and collaborative projects, Benjamin strives to develop innovative, sustainable water solutions worldwide.

Educational Background

2022 – 2024 MSc. International Land and Water Management, Wageningen University, Wageningen, the Netherlands
 2017 – 2021 BSc. Water Resource Engineering, University of Western Ontario, London, Canada

Professional Experience

2024 – present Hydrologist and Researcher, FutureWater, Wageningen, The Netherlands
 2020 - 2022 Water Resource Engineer, AECOM, Toronto, Canada

Overseas Professional Experience

Resident: International Rice Research Institute, Phnom Penh, Cambodia (2023)
 As non-resident: Uzbekistan, Kyrgyzstan, Cambodia, Spain, Canada

Selection of Assignments and Projects

2024 – present WE-ACT: Water Efficient Allocation in a Central Asian Transboundary River Basin (client: Horizon Europe, European Commission)

2023 - 2024	MSc Thesis: From Risk to Resilience: Climate Change Adaptation Planning for Rice-Based Food Systems in the Cambodian Mekong Delta (International Rice Research Institute and Wageningen University and Research)
2023	Environmental Study and Master Plan for the Revitalization of Natural Areas (client: Town of El Saler, Spain)
2021 – 2022	East Don River Hydrologic and Hydraulic Assessment (client: City of Toronto, Canada)
2020 – 2021	Georgina Environmental Assessment and Asset Management Plan (client: City of Georgina, Canada)
2020 - 2021	BSc Thesis: A Review of Septic System Re-inspection Programs and Factors Contributing to Septic System Failures (Ministry of Environment Canada, Canada Centre for Inland Waters and the University of Western Ontario)

Publications

2024	Urfels, A., Mirzabaev, A., Bricx, S., Deb, P., Dewi, K., Evangelista, G., Flor, R.J., Harris, B. , Jayasiri, N., Kishore, A. and McDonald, A.J., 2024. Economics of sustainable irrigation in smallholder agriculture: implications for food security and climate action. Environmental Research Letters, 19(8), p.081008.
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Language Skills

English:	Mother tongue
French:	Basic
Dutch:	Elementary

Computer Skills

Simulation models:	WEAP, AquaCrop, PCSWMM, Visual OTTHYMO, HEC-RAS, HEC-HMS, InfoWorks ICM
GIS:	ArcGIS, QGIS
Standard software:	MS Office
Others:	AutoCad, Civil 3D