

CURRICULUM VITAE – Richard Alpfjord Wylde

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Nationality: British, Swedish

LANGUAGES: English (native), Swedish (fluent), Spanish (basic)



PROFESSIONAL SUMMARY

Richard has more than 10 years of experience within the fields of hydrology, climate and hydraulic modelling, gained in the United Kingdom, Sweden and internationally. In his previous roles he has been responsible for method development within hydrological and hydraulic models, the development of national impact-based flood forecasting systems and integrated drainage modelling in urban areas.

He has a long record of managing both small and large projects within the infrastructure, insurance and governmental sectors and has extensive international experience, both in Asia and Africa. Within Europe he has represented Sweden as part of early warning services financed by the European Commission, and has also provided expert guidance to the Federal Emergency Management Agency in the US, the Environment Agency in the UK and MSB in Sweden.

CURRENT EMPLOYMENT

Water Specialist and Project Manager, SMHI (2023–)

- Lead for Sida-funded projects in Ethiopia and Zimbabwe (~10 MSEK/year)
- Coordination across SMHI units and partners in project countries
- Scientific coordinator for large-scale hydrological modelling
- On-duty hydrologist for Sweden's national flood warning service

PREVIOUS POSITIONS

2021–2023: Senior Water Resources Expert, Sweco

- Consultant in flood modelling and surface water analysis
- Project lead on infrastructure bids and contract preparation
- Coordinator for innovation within Sweco's water network

2016–2021: Operational Hydrologist, SMHI

- Forecasting and early warning services
- Project lead flood services in EU Commission's project ARISTOTLE
- Swedish representative to European Flood Awareness System (EFAS)
- Co-developed SMHI's impact-based warning and drought systems

2015–2016: Technical Expert, Mekong River Commission (Lao PDR)

- Lead author for MRC Climate Change Atlas

- Technical coordination and presentation to Mekong nations

2012–2015: Scientist, JBA Consulting (UK)

- Consultant on flood risk and climate services
- International projects with FEMA (US), IB Canada, GIZ (SE Asia)
- Led modelling trainings, recruitment, and client development

ACADEMIC DEGREES & COURSES

2007–2011: Master of Meteorology and Climate (MMet), University of Reading, UK

Courses:

- 2024–: SMHI Leadership Training (ongoing)
- 2019–2020: Project Management in the Public Sector
- 2018: On Stage – Effective Public Speaking, Gullers Grupp
- 2017: Media Training – Crisis Communication, SMHI
- 2016: Swedish Language Course, Linköping University
- 2015: Data Assimilation Course, ECMWF
- 2014: NCAR-WRF Training Course, USA