

# Curriculum Vitae

Name R. Hamed MSc.  
First Name Raed  
Date of Birth 19 September 1992  
Nationality Lebanese  
Expertise Statistics, Seasonal Forecasting, Crop yield variability, Water management



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## Key Qualifications

Raed Hamed is a PhD researcher within the Water & Climate Risk group of the Institute for Environmental Studies (IVM) at Vrije Universiteit Amsterdam. His work focuses on developing storylines that will investigate the impacts of current and future climate variability on staple crop production in key hotspot regions around the world. This will be done using a combination of machine learning and system dynamics modeling. The research is embedded in the [RECEIPT](#) project, an EU-funded project on climate risk storylines.

Raed holds two bachelor's degrees in Agribusiness and Agricultural Sciences from the American University of Beirut. He then obtained his MSc in Climate Studies at Wageningen University completing his thesis focused on seasonal streamflow forecasts for South America.

Before starting at the VU Amsterdam, Raed worked for the environmental consultancy company [FutureWater](#) on the EU-funded project [IMPRES](#) where he analyzed seasonal forecasting skill of hydrological and crop-related variables for a specific region in the South East of Spain.

## Educational background

2019 – present	PhD student, Department of Water and Climate Risk at the Institute for Environmental Studies, Vrije Universiteit Amsterdam. Thesis: Impacts of current and future climate variability on global staple crop production: A storyline approach. Supervisors: Prof. Dr. Jeroen Aerts, Dr. Anne Van Loon, Dr. Dim Coumou
2016 – 2018	MSc. Climate studies, Wageningen University. Thesis: Skill analysis of seasonal forecasting of hydrological anomalies. Supervisor: Dr. Ronald Hutjes, Water Systems and Global Change unit.
2011 – 2016	BSc. Agricultural Sciences + Agricultural Engineering Diploma, American University of Beirut, Lebanon.
2011 – 2014	BSc. Agribusiness, American University of Beirut, Lebanon.

## Professional Experience

2018 – 2019	Climate data analyst/Researcher, FutureWater, Wageningen, the Netherlands.
2015 – 2016	Research assistant, American University of Beirut, Lebanon.

## Recent Assignments and projects

2019 – Present	PhD student within the agricultural work package of the European Union-funded (H2020) project RECEIPT( <a href="https://climatestorylines.eu/">https://climatestorylines.eu/</a> ) on developing storylines of climate risk connecting Europe to the world
2019 – 2019	Application of the Decision Tree Framework in Chancay-Lambayeque watershed in Peru- Extreme value analysis. (World Bank study)
2018 – 2019	Researcher within the agriculture-drought work package in European Union-funded (H2020) project IMPREX( <a href="https://www.imprex.eu/">https://www.imprex.eu/</a> ) on developing climate services and improving predictions of hydrological extremes
2018 – 2019	Develop seasonal climate services for Agriculture using the Copernicus Climate Data Store. (Climate-KIC pathfinder)

## Language Skills

Arabic	: mother tongue
English	: fluent in writing and speech
French	: fluent in writing and speech
Spanish	: moderate

## Computer Skills

Programming	: R, Python, Bash
Standard software	: MS Office