

# Desta Yoseph Wodebo (CV)

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Born: 12 January 1984  
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## Education

- PhD fellow in Ethiopian Institute of Water Resources, Addis Ababa University 2018 up to now  
(Research area: Transforming and mainstreaming hydromet service in climate sensitive economy, case of Ethiopia)
- MSc in Water Science and Engineering, Specialization in Flood Risk Management  
(UNESCO-IHE, Netherlands)
- MSc in Hydro Science and Engineering (Technical University of Dresden, Germany)  
*The above double MSc degrees' were awarded under Erasmus Mundus flood risk management scholarship by studying {TU- Dresden(Germany), UNESCO-IHE (Netherlands), TU- Catalonia(Spain) & University of Ljubljana (Slovenia)} 2013-2015*
- MSc in Hydrology and Water Resources Management (Arba Minch University, Ethiopia) 2010-2012
- BA in Economics, (Haramaya University, Ethiopia) 2007-2010
- BSc in Meteorology, Arba Minch University, Ethiopia) 2002-2006

## Other academic certificates

- Certified expert on "Adaptation Climate Finance" Frankfurt School of Finance & Management Mar 2017- Aug/2018  
<http://www.frankfurt-school.de/en/adaptation-finance-fellowship-programme/programme.html>

## Work Experience

- **Hydrologist and Water Resource Engineer:** Under Ethiopian Construction Design and Supervision Works Cooperation, Water and Energy Design, Supervision Works Sector Feb2016-Mar 2019
- **Climate and Geospatial Researcher**  
Ethiopian Institute of Agriculture Research Nov2015- Mar2016
- **Meteorologist and head of Jigjiga Meteorological Branch office**  
National Meteorological Agency of Ethiopia(NMA) Aug2006- Nov2012
- **Assistance Lecturer, Jigjiga University** Sep2008- June2009
  - Part time lecturer for under graduate class students for the courses:  
Applied climatology, Environmental Hydrology, GIS and Remote Sensing

## Award and grants

- European commission Erasmus Mundus Flood Risk Management scholarship  
<http://www.floodriskmaster.org/> 2013-2015
- Frankfurt School UNEP Collaborating Centre for Climate & Sustainable Energy Finance  
"Adaptation Climate Finance Fellowship"  
<http://www.frankfurt-school.de/en/adaptation-finance-fellowship-programme/programme.html> 2016-2017
- Florida Earth Foundation 2014 Water Ambassador of Africa  
(<http://www.floridaeearth.org/2014WA>) 2014
- National Meteorological Agency of Ethiopia, staff member of the years 2009  
Exemplary performance and bearing challenging responsibility 2009

## Selected Short term International Trainings

- Where is little data how to estimate design variables in poorly gauged basins, IHE, Delft, Netherlands 28 Oct - 08 Nov, 2019
- Workshop on Water Resources in developing countries: Hydroclimate Modeling and Analysis tool ICTP, Trieste, Italy 27 May-07 June, 2018
- International Project Management, Alumniportal Deutschland, GIZ 10 Oct – 10 Nov, 2017
- South Florida Water Management District, Water and climate modeling, West Palm Beach, Florida, USA 20 May-30 May2014
- Climate variability and prediction, Hanoi, Vietnam NOAA 22J un-30 Jun2009
- Application of Livelihood Early Assessment Protection Tool, WFP, Addis Ababa 26 April -28Apr2010
- NASA, Applications of Remote Sensing for Soil Moisture and Evapotranspiration September 1-29, 2016
- DRMFSS, Mainstreaming disaster risk reduction& climate change into national development, Addis Ababa 30Nov2015- 04Dec2015
- NASA , Remote sensing observation for flood risk management 08Jul2015-30Jul2015
- UNESCO-IHE, professional proposal writing, Delft, Netherlands October, 2014

## Skill

Water Resources and Hydrological tools: *HEC-RAS, HEC-GeoRAS, HEC-HMS, HEC-GeoHMS, Global Mapper, MIKE 11, MIKE Flood, MIKE-SHE, WEAP, SWAT, SOBEK*

Spatial analysis & Mapping tools: *GIS &RS, GMT, SURFER*

Climate tools: *NWP, LEAP, DSSAT*

Statistical tools or program: *R, MATLAB, INSTAT*

Operating system: *Window, Linux*

**Language** English (excellent), German (Elementary), Amharic( Excellent),

## References

### Professional References

Dr. Azage G. Gebermariam  
Assistant Professor in Transboundary Water Management  
Coordinator Ethiopian Institute Water Resource Management  
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National Climate Scientist - USGS/  
Former Director of forecast in National Met of Ethiopia  
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### Academic References

Dr. Biswa Bhattacharya  
IHE Delft Institute of Water Education  
Easmus Mundus Flood risk management programme coordinator  
Senior lecturer of hydroinformatics  
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Delft, The Netherlands

Prof. Dr. Christian Bernhofer  
Technical university of Dresden  
Director of Institute of Hydrology & Meteorology  
Spokesperson of Saxon state flood control  
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