



## Europass Curriculum Vitae

### Personal information

First name(s) / Surname **Asrat Tekle Asresu**  
E-mail [956666@stud.unive.it](mailto:956666@stud.unive.it) , [asrattekle.asresu@cmcc.it](mailto:asrattekle.asresu@cmcc.it)  
Nationality **Ethiopian**  
Date of birth **11/11/1985**  
Gender **Male**

Desired employment /  
Occupational field **Researcher in Climate change hazard, impact, and adaptation**

### Work experience

Dates **July 2012-August 2018**  
Occupation or position held **Lecturer**  
Main activities and responsibilities **Teaching courses related to Natural Resource and Environmental Management and conducting research and community services**  
Name and address of employer **Department of Natural Resource Management, Wolaita Sodo University, Wolaita Sodo, Ethiopia.**  
<http://www.wsu.edu.et/>  
Type of business or sector **Higher Education institution**

Dates **September 2007-August 2010**  
Occupation or position held **Assistant Lecturer**  
Main activities and responsibilities **Teaching, Assisting laboratory/practical classes, and research activities**  
Name and address of employer **Department of Natural Resource Management, Wolaita Sodo University, Wolaita Sodo, Ethiopia.**  
<http://www.wsu.edu.et/>  
Type of business or sector **Higher Education institution**

### Education and training

Dates **September 2021 - Present**  
Title of qualification **PhD in Science and Management of Climate Change (ongoing)**  
**Thesis: Climate Change Multi-Hazard Impacts on Transitional Waters and The Role and Effectiveness of Nature Based Solutions (NBS) as Adaptation Responses**  
Principal subjects/occupational skills covered

- Introduction to Climate Dynamics; Climate of the Past
- Climate Damage Modelling and Assessment; Climate Modelling and Monitoring
- Risk Assessment and Decision Support Systems for Environmental Impacts Related to Climate Change
- Chemodynamics, Climate Change and Environmental Quality
- Adaptive Management of Natural Resources and Agricultural System
- Mathematical Modelling Programing; Econometrics and Machine Learning; Statistics
- Energy Systems and Technologies
- Environmental and Climate Economics

Name and type of organisation providing education and training **Ca' Foscari University of Venice (Italy)**  
Level in national or international classification **EQF level 8**

Dates	September 2018 - July 2020																														
Title of qualification awarded	Laurea Magistrale in Environmental Assessment and Management/Erasmus Mundus Joint Master's Degree in Water and Coastal Management (WACOMA)																														
Principal subjects/occupational skills covered	<ul style="list-style-type: none"> <li>Advanced Technologies and Decision Support Systems in Water and Coastal Management</li> <li>Integrated coastal zone management</li> <li>Hydro-complexity of the Coastal Zone</li> <li>Hydrometereological hazard and risk at the coastal zones</li> <li>Coastal flooding hazards</li> <li>Environmental Impacts and Management</li> <li>Water and Environmental quality assessment (Chemical Analysis of Water Quality, physiology applied to the environment, &amp; Ecotoxicological evaluation of Risk in Water and Coastal Management)</li> <li>Environmental Legislations; Environmental Economics and Risk Management in Coastal Policy</li> <li>Remote sensing management applications</li> </ul>																														
Name and type of organisation providing education and training	University of Bologna (Italy); University of Cadiz (Spain) and University of Algarve (Portugal)																														
Level in national or international classification	EQF level 7																														
Dates	September 2010- July 2012																														
Title of qualification awarded	Master's Degree in Environment and Development																														
Principal subjects/occupational skills covered	<ul style="list-style-type: none"> <li>Environmental policy and Impact Assessment</li> <li>Environment and Natural Resource management</li> <li>Development perspectives; Development policies and strategies analysis</li> <li>Climate change and Response measures</li> <li>Research methods</li> </ul>																														
Name and type of organisation providing education and training	Addis Ababa University (Ethiopia)																														
Level in national or international classification	EQF level 7																														
Dates	September 2004 – June 2007																														
Title of qualification awarded	Bachelor of Science Degree in Natural Resource Management																														
Principal subjects/occupational skills covered	Natural Resource Economics; Natural Resource Planning and Analysis; Soil and Water Conservation; Biometry; Meteorology; Hydrology; Field Survey and GIS; Water Harvesting Technology; Irrigation and Drainage; Biodiversity Conservation; Wildlife Management; Ecotourism; Soil Genesis and Classification, Land Use Planning and Evaluation; Demography and Environmental Management; Natural Resource Policy and Law; Research Method in Agriculture																														
Name and type of organisation providing education and training	Jimma University (Ethiopia)																														
Level in national or international classification	EQF level 6																														
<b>Personal skills and competences</b>																															
Mother tongue(s)	Tigrigna																														
Other language(s)																															
Self-assessment																															
European level (*)																															
Amharic																															
English																															
Italian																															
Spanish																															
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B2	B1	B1	B1	B1																											
B1	B1	A2	A2	A1																											
	(*) <a href="http://www.cedefop.europa.eu/en/files/questdocument/14721/14721_en.pdf">Common European Framework of Reference for Languages</a>																														

Social skills and competences	Good social and interpersonal skills acquired through working as a teacher, member and team leader of community service projects as well as participating in the academic and research affairs.
Organisational skills and competences	Planning, team management and reporting skills gained through my work in mentoring and supervising students and as a project team leader responsible for organizing the planning and implementation of the project and preparation of project reports.
Technical skills and competences	Good research, analytical skills developed in previous studies and works; eager to learn new things with the enthusiasm to work on subjects related climate change and environmental management including environmental impact, climate change hazard, impact, risk, and extreme events, as well as remote sensing.
Computer skills and competences	Very good command of Microsoft office suite (Word, Excel, PowerPoint) Good command of data analysis software's and tools <ul style="list-style-type: none"> <li>• MATLAB</li> <li>• R.</li> <li>• Quantum GIS</li> <li>• Sentinel Application Platform (SNAP)</li> </ul>
Additional information	Supporting documentations and additional information can be provided
Professional and academic references	Available upon request

Updated: 27/01/2023