




Dr. Asmamaw's Curriculum Vitae

Full Name	Dr. Asmamaw Chanie Yehun, (PhD)	
Date of Birth	06 October, 1986	
Nationality	Ethiopian	
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Current Address	Mühlheim am Main, 63165, Lessingsr.78 , Germany	
Academic Records	<ul style="list-style-type: none"> • First Degree, Land Administration and Surveying at Bahir Dar University, Ethiopia, July 2010. (Academic result 3.4 out of 4.0) • MSc in Geodesy Institute of Technology at Addis Ababa University, Ethiopia, August 2013. (Academic result 3.5 out of 4.0) • PhD in atmospheric physics at Bahir Dar University, Ethiopia, September 2021. (Academic result 4.0 out of 4.0) • Software Esengineering, Advance Python programming student in Masterschool, Berlin, Germany 	
Professional License	<ul style="list-style-type: none"> • Professionally Licensed from Ethiopian Mapping Authority in Surveying and Geodesy in MoUDHC. 	
Teaching Experience	<ul style="list-style-type: none"> • Sep16, 2010 to present, Surveying at Institute of Land Administration, Bahir Dar University, Ethiopia 	
Professional Training Delivered	<ol style="list-style-type: none"> 1. Cadastral Surveying, Mapping and Urban Land Registration for MoUDHC experts from May 01/2014 – June 30/2014 2. Cadastral Surveying, Mapping and Urban Land Registration for MoUDHC experts from July 05/2014 – August 30/2014 3. Cadastral Surveying, Mapping and Urban Land Registration for MoUDHC experts from June 01/2015 – July 30/2015 	
Completed Research Works	<ol style="list-style-type: none"> 1. Application of an Integrated Survey Approach for Urban Cadastral Surveying: The Case Study of Bahir Dar City 2. Assessing Socio-economic, Political and Environmental Impacts of Informal Settlements in Bahir Dar city. 3. Assessment of Watershed Management and Climate Change Implications on Agricultural Productivity Using GIS and Remote Sensing: The case of Birrr Upper Blue Nile Sub-Watershed, Ethiopia 4. Evaluation of current urban Cadaster : A case of Bahir Dar, Gondar and Dessie 	
Publications	<ol style="list-style-type: none"> 1. Yehun, A., Kassa, T., Vermeer, M. and Hunegnaw, A., 2020. Higher order ionospheric delay and derivation of regional total electron content over Ethiopian global positioning system stations. Elsevier, <i>Advances in Space Research</i>, https://doi.org/10.1016/j.asr.2020.04.035 2. Yehun, A., Kassa, T., Vermeer, M. and Hunegnaw, A., 2021. Estimation of Precipitable Water Vapour Using 	



	<p>Global Positioning System and Radio Occultation over Ethiopian Regions. Taylor & Francis, International Journal of Remote Sensing http://dx.doi.org/10.1080/01431161.2021.1939914</p> <ol style="list-style-type: none"> Mekonnen, Daniel & Derbie, Awoke & Chanie, Asmamaw & Shumet, Abebe & Biadlegne, Fantahun & Kassahun, Yonas & Bobosha, Kidist & Mihret, Adane & Wassie, Liya & Munshea, Abaineh & Nibret, Endalkachew & Yimer, Solomon Abebe & Tønjum, Tone & Aseffa, Abraham. (2019). Molecular epidemiology of M. tuberculosis in Ethiopia: A systematic review and meta-analysis. Tuberculosis. 118.101858. 10.1016/j.tube.2019.101858. Yehun Asmamaw, Gogie Tsegaye, Erkihun Adisu, Martin Vermeer, “Modelling Atmospheric Parameters Using Ground-Based GPS and Radio Occultation: Estimating the precipitable water vapour using GPS” book, ISBN:978-9994981861, Published: 2022-08-06, Publisher, Eliva Press PhD thesis title: Retrieving Atmospheric Parameters from Ground-Based Global Positioning System and Radio Occultation over Equatorial Regions for Improving Weather Prediction
International conference Experience	<p>I have presented two papers in Finland-Helsinki and Darmstadt, Germany in 2017 and 2022 respectively.</p> <ol style="list-style-type: none"> FIG 27th international conference presentation that held in Helsinki-Finland in 2017 on Evaluation of ongoing urban cadaster practice in Ethiopia: http://www.fig.net/resources/proceedings/fig_proceedings/fig2017/papers/iss7b/ISS7B_yehun_reda_et_al_8804.pdf 2nd Climate Observation Conference (GCOS, EUMESTAT) on 17 – 19 October 2022, Darmstadt, Germany, “Estimation of Precipitable Water Vapour Using Global Positioning System and Radio Occultation over Ethiopian Regions”. https://cdn.eventsforce.net/files/ef-xnn67yq56ylu/website/34/topic1_18_yehun_atmospheric_observations.pdf
Professional Software and Computer Skills	<ol style="list-style-type: none"> Geographic Information System, Expert Matlab Windows and Linux Operating System Software Maintenance Statistical software, such as Fortran, Matlab Python, R and shell-scripts
Membership in Professional Societies	<ol style="list-style-type: none"> Ethiopian Space Science Society (ESSS) Ethiopian Environmental and Climate Association
Major Research Interests	<ul style="list-style-type: none"> GNSS and atmospheric studies Topography’s and cadastral surveying Engineering and construction surveying Road and irrigation surveying



Reference

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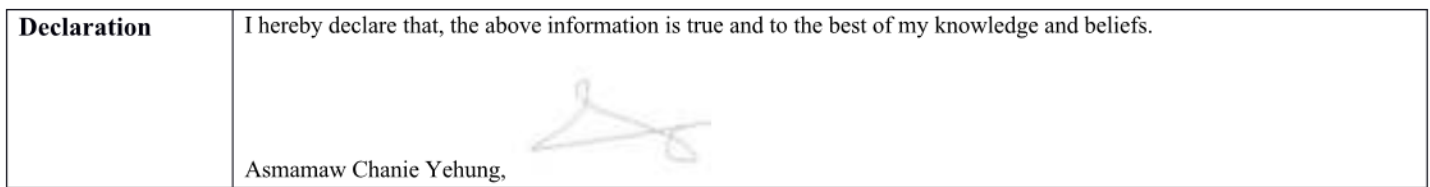
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SUMETSAI
METEOROLOGICAL
SATELLITE CONFERENCE
15-19 September 2022
Bangkok, Thailand

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METEOROLOGICAL DEPARTMENT
OF THE ROYAL THAI ARMY
AND THE THAI METEOROLOGICAL
DEPARTMENT

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Certificate of attendance

This is to certify that

Dr. Asmaraw Yehui

attended the 2022 SUMETSAI
Meteorological Satellite Conference
which took place from
15-19 September 2022

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Prof. Dr. Somsak
Chairman, Network