

CURRICULUM VITAE OF ABEBE MENGAW WUBIE (PhD)

1. **Family name:** Wubie
2. **First names:** Abebe Mengaw
3. **Date of birth:** June 14/1986
4. **Nationality:** Ethiopian
5. **Place of Residence:** Ethiopia
6. **Civil status:** Married
7. **Specialization:** Geospatial Science, Land Policy and Governance
8. **Current Position:** Assistant Professor, Researcher and Director of Internal Research Projects, Bahir Dar University, Ethiopia



Academic Records	Specialization
1	Doctor of Philosophy in Land Policy and Governance from Bahir Dar University , Ethiopia. Dissertation Title: Land Use Management and Decision Support Framework in Ethiopia. Dissertation result is Excellent .
2	MSc in Geo-Information System from Bahir Dar University , Ethiopia
3	First Degree, Geography and Environmental Studies form Jimma University
4	Certificate on Environmental and Remote Sensing Data Analysis via Geospatial Technologies in Project planning, Research and Teaching at Goethe-University of Frankfurt, Germany
5	Professionally Licensed from Space Science and Geoinformation Institute of Ethiopian in GIS, Remote Sensing and Mapping

9. **Language Skills:** Indicate competence on a scale of 1 to 5 (1 - basic; 5 - excellent)

Language	Reading	Speaking	Writing
Amharic	5	5	5
English	4	4	4

12. Membership in Professional Societies:

- Ethiopian GIS Professional Association (GISSoE)
- Ethiopian Land Administration Professional Association (ELAPA)
- Member in Geospatial Data and Technology Research Centre, Bahir Dar University

13. Training and Certificates

SN	Training Taken	Period of Attendance	Place of Attendance	Paper Obtained
1	Certificate on Environmental and Remote sensing Data Analysis via Geospatial Technologies in Project planning and Research	September, 03-29/2017	Goethe-University of Frankfurt, Germany	Certificate
2	ArcGIS Mobile APPs, WebGIS, Web mapping and ArcGIS Online Server	February 17-18, 2019	Bahir Dar, Bahir Dar University in collaboration with Panafrica Geoinformation Services	Certificate
3	Unmanned Aerial Vehicle (UAV)	December 21-23/2020	Bahir Dar University in collaboration with EENSAT project	Certificate
4	Cadastral Mapping	February 8-21/2015	BoEPLAU, NIRAS REILA Project Bahir Dar, Ethiopia	Certificate
5	GIS for Decision Support	April 23-27/2018	Bahir Dar, Bahir Dar University in collaboration with Berlin Beuth University of Applied Sciences	Certificate
6	Processing and Interpreting Remote Sensing Image Time Series	November 23-26/2015	Bahir Dar, Bahir Dar University in collaboration with European Commission	Certificate

7	Google earth Engine for Resource Monitoring Application	August 15-17/2022	Bahir Dar, Bahir Dar University in collaboration with GIS Society of Ethiopia	Certificate
---	---	-------------------	---	-------------

14. **Other Skills:** Expert on ArcGIS, Web-GIS, 3D mapping, Expert on ERDAS (Remote Sensing and Photogrammetry), basic skill on Operating System Software Maintenance, Computer, and Statistical software, SQL (Structural Query language), and other computer usages and other computer programs.

15. **Present Position:** Assistant Professor, Researcher, and Director of Internal Research Projects, Bahir Dar University, Ethiopia

16. **Years within the firm: 16**

17. Project Management and Training Experiences

Project Management Experience	<ul style="list-style-type: none"> • As a Senior GIS Expert, Developing Integrated Urban Landholding File Management System (IULHFMS) Project in selected cities of Ethiopia: A project led by FINN MAP International, Finland Company. • As a Senior GIS Expert and Coordinator, Cadastral Mapping and Map Overlapping Analysis of Bahir Dar, Mekelle and Dire Dawa Cities: A project led by FINN MAP International, Finland Company. • As a Senior GIS Expert and Leader, Land Inventory, Bahir Dar City: A project led by the Ministry of Urban Development and Housing (MoUDH). • As a GIS and Photogrammetry Expert, Positional Accuracy Evaluation of Orthophoto and Base Maps of Ethiopia: A project led by Federal Integrated Urban Land Information Project Office and Institute of Land Administration. • Team Member, Development and Implementation of National Web-Based and GIS Supported Urban Land Lease Information System project. A Project led by Bahir Dar University in collaboration with the Ministry of Urban and Infrastructure (MoUI). • Team Member, Land Information System and Thematic Map Overlapping Analysis of Bahir Dar City Integrated Development Plan Evaluation and Land Use Planning Project: A project led by Bahir Dar University.
Professional Training Delivered	<ul style="list-style-type: none"> • Rural Land Administration Fast track course Training for Woreda and Kebele land administration experts from 2021- 2022 (for 9 phases, one month for each phase) on the topics of: <ul style="list-style-type: none"> ➢ Applying and performing adjudication, registration and certification activities for legal cadastre ➢ Understanding Cadastral Surveying and demarcation of Land and Property Boundary ➢ Operate QGIS to Spatial Data Input Analysis ➢ Preparing and Producing Cadastral Maps from Orthophoto • Training on Land use and Rural-Urban Development Strategy • Preparing and delivering GIS and remote sensing-based training on land management, natural resource management, urban management, Mapping and related issues. Cadastral Surveying, Mapping and Urban Land Registration for MoUDHC experts from May 01/2014 – June 30/2014 • Cadastral Surveying, Mapping and Urban Land Registration for MoUDHC experts from July 05/2014 – August 30/2014 • Cadastral Surveying, Mapping and Urban Land Registration for MoUDHC experts from June 01/2015 – July 30/2015 • Parcel Fabrication, Feature Extraction and Cadastral Mapping and Map Overlapping Analysis for Bahir Dar, Mekelle and Dire Dawa GIS experts
Management Experience	<ul style="list-style-type: none"> • Director, Internal Research Projects Bahir Dar University, Ethiopia • V/Dean for Research, Community Service and Post Graduate Studies, Institute of Land Administration, Bahir Dar University • Coordinator, Educational Quality Assurance and Enhancement, Institute of Land Administration, Bahir Dar University • Head, Mizan-Tepi University Library and Information Office, Mizan, Ethiopia.

18. Professional Experience (Long Term)

Date from - Date to	Location	Company	Position	Description
2013 To: Present	Bahir Dar, Ethiopia	Institute of Land Administration, Bahir Dar University, Ethiopia	Assistant Professor and Researcher	Teaching and research related to GIS, Remote Sensing, Photogrammetry, 3D Mapping, Mobile GIS, and Web GIS at the Institute of Land Administration, Bahir Dar University, Ethiopia.
2012 To: 2013	Debre Markos, Ethiopia	Debre Markos University, Ethiopia	Lecturer and Researcher	Teaching and research related to GIS, Remote Sensing, Land Use Planning and Terrain Analysis at the Department of Applied Geography and Environmental Studies, Debre Markos University, Ethiopia
2007 To: 2011	Mizan-Tepi, Ethiopia	Mizan-Tepi University, Ethiopia	Lecturer	Teaching and research related to GIS, Remote Sensing, Land Use Planning and Terrain Analysis at the Department of Applied Geography and Environmental Studies, Mizan-Tepi University, Ethiopia

19. Key Qualifications and Professional Experience (Short Term)

Detailed Tasks Assigned	<p>Name of assignment or project: Bahir Dar City Integrated Development Plan (Structural Plan) Evaluation and Preparation of Structural Plan and Neighbourhood Development Plan of the City (Land Use Planning Project)</p> <p>Year: 2017 - 2022</p> <p>Location: Bahir Dar</p> <p>Client: Bahir Dar City Administration and Bahir Dar University</p> <p>Main project features: Evaluate the expired Structural Plan and Preparing Structural Plan of the City</p> <p>Positions held: GIS and Mapping team member</p> <p>Activities performed: Leading the land information system and thematic map overlapping analysis of the expired integrated development of Bahir Dar City and preparation of structural plan of Bahir Dar City (Deliver training to the experts, Coordinate Experts, Supervise and technical support, linking file data with spatial/map data, field sheet map preparation, data verification, preparing a report and supporting surveying and mapping team leader of the project)</p> <ul style="list-style-type: none"> Manage the GIS and Mapping technical services of the project (Deliver training to the experts, Coordinate Experts, Supervise and technical support, linking file data with spatial/map data, field sheet map preparation, data verification, preparing a report and supporting surveying and mapping team leader of the project)
Detailed Tasks Assigned	<p>Name of assignment or project: Property Valuation and Tax Modernization</p> <p>Year: 2015/2016</p> <p>Location: Bahir Dar</p> <p>Client: Federal Land property Valuation and Tax Modernization Project Office</p> <p>Main project features: Land Inventory, Property Valuation and Tax Modernization</p> <p>Positions held: Senior GIS Expert and Leader</p> <p>Activities performed: Manage the overall technical activities of the project (Deliver training to the employer of the project, Coordinate Experts, Supervise and technical support, linking file data with spatial/map data, field sheet map preparation, data verification, preparing a report and supporting local project manager of the project)</p> <ul style="list-style-type: none"> Manage the overall technical activities of the project (Deliver training to the employer of the project, Coordinate Experts, Supervise and technical support, linking file data with spatial/map data, field sheet map preparation, data verification, preparing a report and supporting local project manager of the project)
Detailed Tasks Assigned	<p>Name of assignment or project: Positional Accuracy Evaluation of Orthophoto and Base Maps of the 53 Cities of Ethiopia</p> <p>Year: 2016-2020 (in three phases)</p> <p>Location: Bahir Dar</p> <p>Client: Federal Integrated Urban Land Information Project Office and Institute of Land</p>

	Administration Main project features: Evaluating the Positional accuracy of Orthophoto and Base Maps of the 53 Cities of Ethiopia Positions held: GIS and Photogrammetry expert Activities performed: Positional accuracy evaluation of Orthophoto and Base Maps for cadastral mapping purpose through intensive ground surveying and reporting to the client. <ul style="list-style-type: none"> • GIS and Photogrammetry expert on Positional accuracy evaluation of Orthophoto and Base Maps for cadastral mapping purpose through intensive ground surveying and reporting to the client
Detailed Tasks Assigned	Name of assignment or project: Cadastral Surveying, Mapping and Urban Land Registration Training for MoUDHC experts Year: 2014 – More than eight times Location: Bahir Dar Client: Federal Integrated Urban Land Information Project Office and Institute of Land Administration Main project features: Providing training to land administration professionals Positions held: Trainer Activities performed: Delivering training on Cadastral Surveying, Mapping and Urban Land Registration <ul style="list-style-type: none"> • Trainer and coordinator (2015) - Delivering training on Cadastral Surveying, Mapping and Urban Land Registration
Detailed Tasks Assigned	Name of assignment or project: Quality Control consultancy Service for Assessment and Training on Land and Land related Fields (COC) Year: 2015 Location: Bahir Dar, Adigrat and Ambo Client: Federal Integrated Urban Land Information Project Office and Institute of Land Administration Main project features: Quality Control consultancy Service for Assessment and Training on Land and Land related Fields (COC) Positions held: Quality control expert on GIS and Mapping Services Activities performed: Training assessment, supervision, giving feedback and report writing <ul style="list-style-type: none"> • Quality control expert on GIS and Mapping Services (Training assessment, supervision, giving feedback and report writing)
Detailed Tasks Assigned	Name of assignment or project: Quality Control consultancy Service for Assessment and Training on Land and Land related Fields (COC) Year: 2015 Location: Bahir Dar, Adigrat and Ambo Client: Federal Integrated Urban Land Information Project Office and Institute of Land Administration Main project features: Quality Control consultancy Service for Assessment and Training on Land and Land related Fields (COC) Positions held: Quality control expert on GIS and Mapping Services Activities performed: Training assessment, supervision, giving feedback and report writing

20. Specific Experience in the Region: 16 years

Country	Date from - Date to
Ethiopia	2007- 2023

21. Publications

- Abebe M. Wubie, de Vries, W. T. and Alemie, B. K. (2021). Synthesizing the dilemmas and prospects for a peri-urban land use management framework: Evidence from Ethiopia. Land Use Policy, 100(2021), 105122, 1-13. <https://doi.org/10.1016/j.landusepol.2020.105122>
- Abebe M. Wubie, de Vries, W.T. and Alemie, B.K. (2021). Evaluating the quality of land information for peri-urban land-related decision-making: An empirical analysis from Bahir Dar, Ethiopia. Land, 10(1), 11, 1-21. <https://doi.org/10.3390/land10010011>

- **Abebe M. Wubie**, de Vries, W.T. and Alemie, B.K. (2020). A Socio-Spatial Analysis of Land Use Dynamics and Process of Land Intervention in the Peri-Urban Areas of Bahir Dar City. *Land*, 9(11), 445, 1-27. <https://doi.org/10.3390/land9110445>
- Habtamu Sitotaw Semahagne, **Abebe M. Wubie**, Tadesse Amsalu Birhanu & Habtamu Bishaw Asres (2025). Assessment of the post-expropriation impacts on the livelihoods of displaced households: a case study of the Koga irrigation Project in the Amhara Region, Ethiopia. *Survey Review*. <https://doi.org/10.1080/00396265.2025.2518680>
- Habtamu Asres, Habtamu Sitotaw Semahagne & **Abebe M. Wubie** (2023). Assessment of the trends of urban land lease price from spatio-temporal perspective in Ethiopia: evidence from Bahir Dar City. *Survey Review*. <https://doi.org/10.1080/00396265.2023.2258653>
- Getie Gebrie Eshetie, Berhanu Kefale Alemie & **Abebe M. Wubie** (2025). Assessing spatio-temporal dynamics of land degradation neutrality using Goggle Earth Engine in the Alawuha Watershed of North Wello Zone, Ethiopia. *Environmental Challenges*. <https://doi.org/10.1016/j.envc.2025.101202>
- Getie Gebrie Eshetie, Berhanu Kefale Alemie & **Abebe M. Wubie** (2024). Geospatial technologies in support of responsible land tenure governance: A systematic review. *Geomatica*. <https://doi.org/10.1016/j.geomat.2024.100014>
- Zenebe Endalew Asrat, **Abebe M. Wubie** & Mamaru Wondifraw Walelegn (2024). Review on land suitability assessment and site selection for housing development. *Survey Review*. <https://doi.org/10.1080/00396265.2024.2429547>
- Asnake Mekuriaw, Habtamu Sewnet, **Abebe M. Wubie**, Tadesse Amsalu (2021). Analysis of land data acquisition, management, and their challenges in Ethiopia. *African Journal on Land Policy and Geospatial Sciences*, e-ISSN:2657-2664, Vol. 4 Issue 2, <https://doi.org/10.48346/IMIST.PRSM/ajlp-gs.v4i2.22007>
- **Abebe M. Wubie** (2015). GIS and Remote Sensing Based Forest Change Detection for Sustainable Forest Management in Bench Maji Zone, Ethiopia. *International Journal of Remote Sensing & Geoscience*, ISSN No: 2319-3484 Volume 4, Issue 3.
- Amsalu, T. and **Abebe M. Wubie** (2014) GIS Based Soil Loss Estimation Using RUSLE Model: The Case of Jabi Tehinan Woreda, ANRS, Ethiopia. *Natural Resources*, 5, 616-626, doi: [10.4236/nr.2014.511054](https://doi.org/10.4236/nr.2014.511054).
- **Abebe M. Wubie** (2015). GIS Based Land Degradation Assessment for Sustainable Land Management: The Case of Bench Maji Zone, Ethiopia, Africa. *International Journal of Research and Innovations in Earth Science*, Volume 2, Issue 2, ISSN(Online): 2394-1375.

22. Research Experience

- Leading different grand research project as a PI in the area of land governance and geospatial science (Web-GIS, Remote Sensing, and GPS technologies) application for Land Management/Governance Strategies; Land Use/Land Cover Dynamics Modelling, Watershed Management, Land Degradation and Climate Change Modelling.

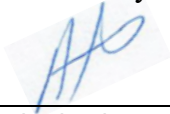
23. Reference

- Professor Walter T. de Vries, Department of Aerospace and Geodesy, Technische Universität München, Germany.
Mobile: +491742041171 , E-mail: wt.de-vries@tum.de
- Tuomo Heinonen (PhD), Country Project Manager FINNMAP International, Finland
Mobile: +251947364371 / +358451962767
E-mail: tuomo.heinonen@finnmap.com
- Tadesse Amsalu (PhD, Professor), Institute of Land Administration, Bahir Dar University, Ethiopia
Mobile: +251927648264
E-mail: tadamsbir@gmail.com

24. Certification

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications and my experience. I understand that any willful misstatement described herein may lead to my disqualification or dismissal if engaged.

Abebe Mengaw Wubie (PhD)



Date: 05.04.2025

[Signature of staff member or authorized representative of the staff]

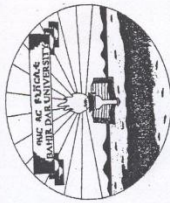
Day/Month/Year

Email: mengawabebe@gmail.com / abebe.mengaw@bdu.edu.et

Phone number including (viber/ WhatsApp): +251912106213

Website : www.bdu.edu.et/ila/

Note: Certificates are attached below.



**BAHIR DAR UNIVERSITY
FACULTY OF SOCIAL SCIENCE**



TEMPORARY CERTIFICATE OF GRADUATION

This is to certify that:

Abebe Mengaw Wubie

Graduated From Bahir Dar University with
Master of Science in **Geo-Information**

On

19 JUL 2010

This certificate of graduation has been given pending the printing and issuance of the actual diploma.



ባሕር ዳር ዩኒቨርሲቲ
ሬጅስትሬሽንና አሁንዲዳ
ማኅበራዊ ዳይሬክቶሬት

• ባሕር ዳር - ኢትዮጵያ



BAHIR DAR UNIVERSITY
OFFICE OF THE REGISTRAR
AND ALUMNI MANAGEMENT
DIRECTORATE
Bahir Dar – Ethiopia

☒ 79

☎ 251 (582) 20-59-34
ፋክስ Fax: 251 (582) 20-20-25

e-mail: infobdu@gmail.com
website: www.bdu.edu.et

ቁጥር:
Ref.No. BDU. Rig. 01/576/2013
ቀን:
Date: 29 July 2021

To whom it may Concern

This is to certify that **ABEBE MENGAW WUBIE** has graduated from Bahir Dar University, **INSTITUTE OF LAND ADMINISTRATION** with **Doctor of Philosophy in Land Policy and Governance** and his Graduation has been approved by the University Senate on **July 15, 2021**. His **CGPA is 3.81** and Thesis result is **Excellent**.



With Best Regards,

Melaku Biyazen Lingerih
Registrar and Alumni
Management
Team Leader

cc//

➤ To Registrar and Alumni Management Directorate

Bahir Dar University

መልሱን ሲጽፉ ለባለቤቱ የቁጥር ይጥቀሱ
In Replying, Please quote our ref. No.



We here express our sincere appreciation to

Abebe Mengaw

for your excellent performance and commitment as a **GIS Specialist**
in the Integrated Urban Land Holding File Management System

(IULHFS) Project

OCTOBER 2016





We here express our sincere appreciation to

Abebe Mengaw

for your excellent performance and commitment as a **Senior GIS Expert**
in the Integrated Urban Land Holding File Management System
(IULHFMS) Project in BAHIR DAR City.

SEPTEMBER 2016




FINNMAP
FM-INTERNATIONAL




AFRICOM
Technologies

CERTIFICATE OF APPRECIATION

Awarded to:

Abebe Mengaw Wubie

for his Excellent Performance and Commitment as a Senior GIS and Data Verifier Expert
during Land Inventory and Property Valuation Data Collection of Bahir Dar City

Conducted by Modernized Tax System Project Office, Bahir Dar Branch.



June, 2016


Assefede Halilu
Project Coordinator
የፋይናንስ ሚኒስቴር

CERTIFICATE OF APPRECIATION

Awarded to:

Abebe Mengaw Wubie

for his Excellent Performance and Commitment as a **Senior GIS and Mapping Expert**
during Possible Impact Study of Bahir Dar City Conducted by Modernized Tax System

Project Office, Bahir Dar Branch.



September 2015

[Signature]
Project Coordinator
Ade Hailu
Project Office Bahir Dar

27th October 2016

To whom it concerns

CERTIFICATE

This is to witness that Mr. Abebe Mengaw Wubie has worked 25th December 2015 – 31st August 2016 for the Project "Integrated Urban Land Holding File Management System" as a Senior GIS, Mapping and Cadastral System Expert. The employment ended at the time of finalization of the Project.

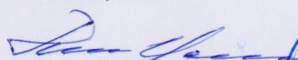
The Project was conducted by FM-International FINNMAP Oy in association with AFRICOM Technologies for the Ministry of Urban Development and Housing (Client). The purpose of the project was to reorganize the land holding files of and create a land holding file management system for three pilot cities: Bahir Dar, Mekelle and Dire Dawa. Based on stored metadata, file and map overlapping analysis and recommendations for the further actions of the cities were done at the end of the Project.

Mr. Wubie was responsible for the GIS and mapping related responsibilities including supervision of the related technical staff of the Project mostly in Bahir Data city. He was coordinating also the map overlapping analysis in all three pilot cities and compiled a Map Overlapping Analysis Report – with independent and professionally made conclusions and recommendations for the future.

Mr. Wubie showed extraordinary dedication to the project and team work. His deep expertise served not only the Bahir Dar part, but the whole Project and made it possible to achieve the goals of this challenging and historical Project.

We warmly recommend Mr. Wubie for similar duties in the future!

Sincerely


Tuomo Heinonen
Project Manager
FM-International Oy FINNMAP

FM-INTERNATIONAL OY

TEL +358 9 2522 1700
FAX +358 9 2522 1717

MALMINKAARI 5
FI-00700 HELSINKI
FINLAND

VAT reg. FI09221627
www.finnmap.com



የጥገና ሚኒስቴር
MINISTRY OF AGRICULTURE

CERTIFICATE OF APPRECIATION



Presented to

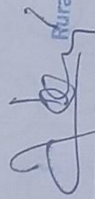
Abebe Mengaw (PhD)

*For Successfully Delivered Training for Kebele Land Administration Expertise on Land Administration
Focused on:*

- *Apply and Perform Adjudication, Registration and Certification Activities for Legal Cadaster (26 Hours)*
- *Understanding Cadastral Surveying and Demarcation of Land and Property Boundary (40 Hours)*
- *Operate QGIS to Spatial Data input Analysis (40Hours)*
- *Preparing and Producing Maps from Ortho-photo (8 Hours)*

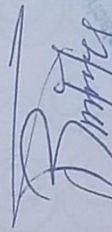
***For Three Rounds Organized by Ministry of Agriculture in collaboration with Bahir
Dar University***

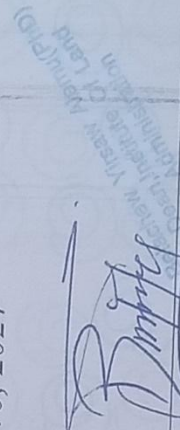
From July 8, 2021 — October 10, 2021


Tigistu G/Mengaw
Rural Land Administration
Directorate Director



Director, Rural Land Administration and Use Directorate
Ministry of Agriculture


President, Research and Community Service,
Bahir Dar University



CERTIFICATE OF APPRECIATION

This Certificate is awarded to

ABEBE MENGAW WUBIE

for his successful Performance in Providing Advanced Training on Cadastral Surveying and Mapping for Land Adjudication and Registration for experts of the Ministry of Urban Development, Housing and Construction (MoUDHC) delivered from *Feb 26 to Apr 26, 2014; July 05 to Sep 05, 2014* and *Jun to Aug 10, 2015* which was organized by the Institute of Land Administration of Bahir Dar University and sponsored by the Federal Urban Land and Landed Property Registration and Information Agency



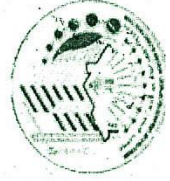


Dr. Achamyeleh Gashu
Director of Institute of
Land Administration
Bahir Dar University
Bahir Dar

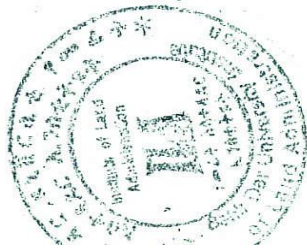




Ato Solomon Kebede
Director of Federal Urban Land and
Landed Property Registration and
Information Agency
Addis Ababa



CERTIFICATE OF APPRECIATION



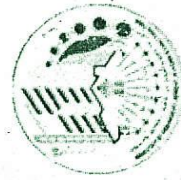
This Certificate is awarded to

ABEBE MENGAW WUBIE

for his successful Technical Coordination and Facilitation for Advanced Training on Cadastral Surveying and Mapping for Land Adjudication and Registration for experts of the Ministry of Urban Development, Housing and Construction (MoUDHC) delivered from *July 05 to Sep 05, 2014* which was organized by the Institute of Land Administration of Bahir Dar University and sponsored by the Federal Urban Land and Landed Property Registration and Information Agency.



Dr. Achamyelash Gashu
Director of Institute of
Land Administration
Bahir Dar University
Bahir Dar



Ato Solomon Kebede
Director of Federal Urban Land and
Landed Property Registration and
Information Agency
Addis Ababa





CERTIFICATE OF APPRECIATION

This certificate is awarded to Mr. Abebe Mengaw Wubie in recognition for his effective training delivery to the experts of the Ministry of Urban Development, Housing and Construction (MoUDHC) in Cadastral Surveying, Mapping and Land Registration held from 01 May 2014 to 30 June 2014 at the Institute of Land Administration, Bahir Dar University, Ethiopia.



Tadesse Amahu (PhD)
Director, Institute of
Land Administration

ገጽ ፩



Bahir Dar University

Certificate of Attendance

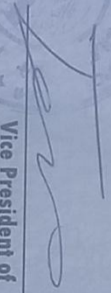
This is to certify that **ABEBE MENGAW WUBIE** has attended the training on **Unmanned Aerial Vehicle (UAV)** conducted by Geospatial Data & Technology Center of Bahir Dar University in collaboration with Ethiopian Educational Network to Support Agricultural Transformation (EENSAT) project from 21 to 23 December 2020.

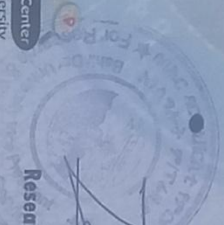
The training covered the following topics: *Fundamentals of UAV, Aerial photogrammetry using UAV, Principle of operation, Flight plan preparation, Practical UAV operation training, and Image processing using Pix4D & Arc Soft software.*

Date of issue
January 2021


Daniel Ayalew (PhD)
Director of Geospatial Data & Technology Center,
Bahir Dar University



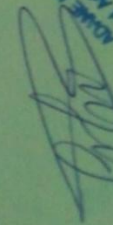

Vice President of
Research and Community Engagement,
Bahir Dar University

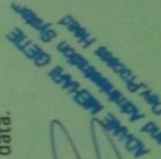


CERTIFICATION OF TRAINING IN CADASTRAL MAPPING

This document is to certify that Abete Mengesaw has been participating in a 14-day training in cadastral mapping. The training took place at Amhara BoEPLAU, Bahir Dar University (BDU) and surroundings between 8 and 21 February 2015. The training aimed to capture the whole process from planning, surveying and editing of measurements to the production of the final parcel map. The training was a cooperation between Amhara BoEPLAU and the REILA project (Responsible and Innovative Land Administration, a bilateral cooperation between Ethiopia and Finland), supported also by the BDU. The major contents of the training were the following:

- Theory regarding the basics of coordinate systems, GNSS (GPS) and the cadastral process.
- Surveying of parcels and details (roads etc) with RTK GPS equipment (Trimble and Leica).
- Establishment of a free station setup (resection) using a total station.
- Editing of survey data in KebeleCalc, Quantum GIS and Leica GeoOffice.
- Static surveying with GPS (Trimble and Leica) to establish reference points.
- Production of parcel maps in Quantum GIS using imagery and ground survey data.


Ato Adane Mehari
Land Administration and Use
Process owner
Amhara BoEPLAU


Land Administration System
Development Project



Thomas Dubois
Responsible trainer
REILA project



NIRÄS
REILA PROJECT
BAHIR DAR



REILA
Responsible and Innovative Land Administration Project
ETHIOPIA FINLAND

CONFIRMATION OF PARTICIPATION

Abebe Mengaw Wubie

has participated successfully in the following summer school:

Environmental and Remote Sensing Data Analysis via Geospatial Technologies in Research and Teaching

This four-week training programme for scholarship holders from the German Academic Exchange Service (DAAD) was held at the Goethe-Universität Frankfurt am Main, Germany, at the Department of Human Geography, September 3 – 29, 2017 (see: <http://daad-geotraining.geodu.org>). The summer school covered the following topics:

Module 1: Geospatial Technologies (4 days / 32 hrs.)

Introduction to R studio; create boxplots; classify remote sensing systems; compute land-cover classifications, using machine learning algorithms; model predictions.

Project 1: Geospatial Technologies (4 days / 32 hrs.)

Methods for the analysis and communication of environmental and remote sensing data, applied in the context of case-based project work performed in small groups.

Module 2: Higher Education Didactics (2 days / 16 hrs.)

Action-oriented teaching; course planning; activating forms of learning in large-group and small-group events; service learning and citizen science in higher education.

Module 3: Academic Communication (2 days / 16 hrs.)

Academic writing in English; academic vocabulary; self-editing strategies; structuring academic texts; referencing and quoting; publishing and copyright issues.

Module 4: Support and Guidance (1 day / 8 hrs.)

Peer-teaching, tutoring, mentoring, and supervising in higher education; conversation techniques; communication rules; structuring guidance discussions; feedback culture.

Project 2: Teaching Project (3 days / 24 hrs.)

Development of a course concept for higher education on the topic of "Geospatial Technologies" in the context of case-based project work performed in small groups.

Frankfurt am Main, September 2017



Michael Horig
German Academic Exchange Service (DAAD)
Head of Section



Prof. Dr. Detlef Kanwischer
Goethe-Universität Frankfurt am Main
Training Programme Leader



DAAD



Certification

This is to certify that

Mr. Abebe Mengaw Wubie

was preparing and teaching in the DAAD Summer School on

Applying GIS for decision support

at Al Neelain University, Sudan

1st-15th September 2018

Prof. Dr. Ronny Schomacker
(Project Coordinator)

Dr. Abdelrahman A. Elbadawi
(Academic Affair Secretary)



In Cooperation with



Bahir Dar
University



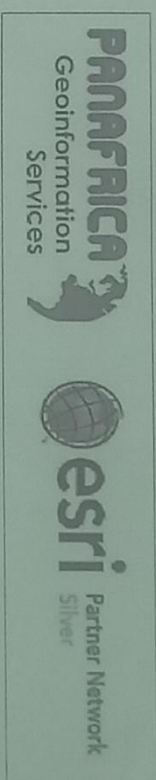
University
of Juba



Beuth University
of Applied Sciences
Berlin



Université
Evangelique
en Afrique

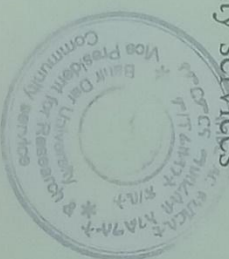


Certificate

This is to Certify that Abebe Mengsaw Mubie has successfully completed a two days hands on training on
Introduction to ArcGIS Online and ArcGIS Mobile Apps
held in Bahir Dar University from 17-18, February 2017.

Fot
.....
Mulunesh Abebe (PhD)

Vice President,
Research and Community services



.....

Eyob Teshome
General Manager,
Panaftrica Geoinformation Services

CERTIFICATE OF ATTENDANCE

This is to certify that
ABEBE MENGAW WUBIE
has attended the training on
Google Earth Engine for Resource Monitoring Applications
organized by
Geospatial Data & Technology Center, Bahir Dar University
in collaboration with GIS Society of Ethiopia from 15 to 17 August 2022.



Tesfaye Siltsew Bogale (PhD)
Vice President for Research &
Community Services



August 18/2022

Bahir Dar, Ethiopia

