

CURRICULUM VITAE//2023

1. Personal Data

- **Family name:** SISAY
- **Forenames:** Zinabu
- **Date of birth:** September 18, 1986
- **Nationality:** Ethiopian
- **Marital status:** Married



2. Present position

Assistant Professor of Land Surveying and Photogrammetry and Head of Land Administration and Surveying at the Institute of Land Administration, University of Bahir Dar, Ethiopia

3. Education

<i>Institution</i>	Addis Ababa University , Entoto Observatory and Research Centre, Ethiopia
<i>Date: from - to (month/year):</i>	01/2016 - 09/2018
<i>Degree(s) or Diploma(s) obtained:</i>	Master of Remote Sensing/Photogrammetry focused on GPS with GPA, 3.95 /4.00

<i>Institution</i>	Aalto University, Finland
<i>Date: from - to (month/year):</i>	08/2013- 07/2014
<i>Degree(s) or Diploma(s) obtained:</i>	Exchange Student in Geomatics with 11 course having 51 CP

<i>Institution</i>	Bahir Dar University , Institute of Land administration, Ethiopia
<i>Date: from - to (month/year):</i>	09/2008 - 07/2011
<i>Degree(s) or Diploma(s) obtained:</i>	BSc in Land Administration and Surveying with GPA, 3.58 /4.00
<i>Institution</i>	Ministry of Education , FDRE and ANRS Occupational Competence Assessment
<i>Date: from - to (month/year):</i>	01/01/2015-03/01/2015
<i>Degree(s) or Diploma(s) obtained:</i>	Level II, III and IV in Cadastral Surveying and Mapping Administration

4. Language skills (increasing competence from 1 to 5)

<i>Language</i>	<i>Reading</i>	<i>Speaking</i>	<i>Writing</i>
English	5	5	5
Amhari	5	5	5

5. Membership of (professional) bodies

- Chair of Quality Audit Member of Ethiopian Land Administration Professional Association (ELAPA)
- Member of American Society of Photogrammetry and Remote Sensing (ASPRS)
- Member of Ethiopian GIS Society (EGIS)
- Member of Ethiopian Lecturers Association

6. Years within the organization/firm

12 years at the Bahir Dar University, Institute of Land Administration

7. Key Qualifications

- IGS/CORS Data analysis and operation
- Cadastral Registry System
- Land Administration System with Geospatial Technology Context
- Ground Surveying (GPS and Total station)
- GIS for any mapping
- Aerial Surveying (Photogrammetry and Remote sensing)
- Cadastral Surveying and/or Rural-Urban land registration

8. Project Experience in foreign and Home Base countries

<i>Country</i>	<i>Title: Date: from (month/year) to (month/year)</i>
Ethiopia	Digital Orthophoto Verification: 10/2016; 2017 – 2019 (across 74 Ethiopian major cities)
Ethiopia	Base Map Preparation for Structural Plan Preparation : Since 2018 – on-going (Bahir Dar City)
Ethiopia	Digital Orthophoto Verification: 2020 – on-going (across 21 Ethiopian Medium Cities)
Austria and Ethiopia	Implementation of Academic Geomatics Education in Ethiopia for Supporting Sustainable Development (Edu4GEO): 2022- on-going
Austria, Poland, and Ethiopia	Land for Land Information (Li4LaM) sponsored by ERASMUS PLUS: 2021 – on-going

9. Professional Experience Record

<i>Date: from – to (month/year)</i>	2021– ongoing (Four Year)
<i>Location</i>	Austria and Ethiopia
<i>Company</i>	Bahir Dar University, University of Natural Resources and Life Sciences (BOKU), Debre Markos University (DMU), Technical University Vienna (TUW)
<i>Position</i>	Lecturer and Researcher as an Assistant Professor Position
<i>Description</i>	The project strengthened the capacities of all the partner institutions in education, research, and management in the area of geomatics

<i>Date: from – to (month/year)</i>	2021– ongoing (Four Year)
<i>Location</i>	Austria, Poland, and Ethiopia
<i>Company</i>	Bahir Dar University, University of Natural Resources and Life Sciences (BOKU), Debre Markos University (DMU), Technical University Vienna (TUW), and Poland University
<i>Position</i>	Researcher as an Assistant Professor Position
<i>Description</i>	Curriculum development, research, and Training in the area of contemporary technologies – Geospatial for Land Administration

<i>Date: from – to (month/year)</i>	10/2016 – 10/2017
<i>Location</i>	Over 23 Major Cities , Ethiopia
<i>Company</i>	Bahir Dar University, Institute of Land Administration
<i>Position</i>	Technical Coordinator of Working Group “Surveying and Mapping”
<i>Description</i>	GNSS measurement, Processing, Photogrammetric Analysis and vertical and horizontal validation of digital orthophoto from the perspective of cadastral system development;

<i>Date: from - to (month/year)</i>	10/2017 – 10/2022
<i>Location</i>	Over 51 Major Cities , Ethiopia
<i>Company</i>	Bahir Dar University, Institute of Land Administration
<i>Position</i>	Technical Coordinator of Working Group “Surveying and Mapping”
<i>Description</i>	GNSS measurement, Processing, Photogrammetric Analysis and vertical and horizontal validation of digital orthophoto from the perspective of cadastral system development;

<i>Date: from - to (month/year)</i>	2018- 2020
<i>Location</i>	Bahir Dar City , Ethiopia
<i>Company</i>	Bahir Dar City Administration and Bahir Dar University
<i>Position</i>	Assistant Professor; Team Leader of Surveying and Mapping team for Bahir Dar City Structural plan Preparation
<i>Description</i>	Base map preparation for Bahir Dar City Structural plan Preparation from integrated surveying approach (Ground and photogrammetric)

<i>Date: from - to (month/year)</i>	2020-Ongoing
<i>Location</i>	Over 21 Medium Cities , Ethiopia
<i>Company</i>	Bahir Dar University, Institute of Land Administration
<i>Position</i>	Assistant Professor; Technical Coordinator of Working Group “Surveying and Mapping”
<i>Description</i>	GNSS measurement, Processing, Photogrammetric Analysis and vertical and horizontal validation of digital orthophoto from the perspective of cadastral system development;

<i>Date: from - to (month/year)</i>	01/2022 11/2023
<i>Location</i>	Bahir Dar City (The capital City of Amhara), Ethiopia
<i>Company</i>	Bahir Dar City Disaster Vulnerability Project Office
<i>Position</i>	Geospatial Expert
<i>Description</i>	Feature Identification, Geo-database development, data collection, Mapping, map overlay analysis, positional testing

10. Managerial/ organizational experience

- 16/12/ 2017- Until now **Department Head** of Land Administration and Surveying, Institute of Land Administration and **Research Division Head** of Surveying and Geodesy, Geospatial and Technology Center, Bahir Dar University, Ethiopia.
- 20/10/2017 - 11/12/2018 **Department Head** of Surveying and Mapping unit, Geospatial Data Technology Center, Bahir Dar University, Ethiopia.
- 01/11/2017 – 02/01/2018 **Director by Delegate** of Geospatial Data Technology Center, Bahir Dar University, Ethiopia.
- 01/04/2017- 16/11/2018 **Chair Holder of Geomatics**, Administration and Surveying, Institute of Land Administration, Bahir Dar University, Ethiopia.

11. Professional training delivered

- 2019 **Cadastral Surveying, Mapping and Land Registration** for Ministry of Urban Development and Constriction expertise
- 2019 **GPS** training for Geospatial Data Technology Research Center Expertise
- 2018 **Cadastral Surveying, Mapping, and Land Registration** for Ministry of Urban Development and Constriction expertise
- 2017 **Cadastral Surveying, Mapping and Land Registration** for Ministry of Urban Development and Constriction expertise
- 2016 **Cadastral Surveying, Mapping and Land Registration** for Ministry of Urban Development and Constriction expertise
- 2015 **Watershed management System Using GIS and Remote sensing Techniques** for Regional expertise
- 2014 **Cadastral Surveying, Mapping and Land Registration** for Ministry of Urban Development and Constriction expertise

12. Publications:-Articles Published

1. *Sisay Zinabu, G; Tulu B; Gesse, B. Martine, V. (2018); Positional Accuracy Validation of Digital Orthophoto Mapping: Case Bahir Dar City, Ethiopia, Nordic Journal of Surveying and Real estate Research: <https://doi.org/10.30672/njsr.65724>*
2. *Sisay Zinabu (2021): Feature Orientation and Positional Accuracy Assessment of Digital Orthophoto and Line Map for Urban Land Registration: The Case Study On Bahir Dar Town, Ethiopia: African Journal on Land Policy and Geospatial Sciences. <https://doi.org/10.48346/IMIST.PRSM/ajlp-gs.v3i3.18157>*

13. Publications:-Proceeding Presented and Published

1. *Sisay Zinabu, Tulu B; Gesse, B.(2017): FEATURE ORIENTATION AND POSITIONAL ACCURACY ASSESSMENT OF DIGITAL ORTHOPHOTO AND LINE MAP FOR LARGE SCALE MAPPING: THE CASE STUDY ON BAHIR DAR TOWN, ETHIOPIA. [10.5194/isprs-archives-XLII-1-W1-47-2017](https://www.isprs.org/abstracts/10.5194/isprs-archives-XLII-1-W1-47-2017) (Presente in ASPRS 2017 workshop Hannover, Germany)*
2. *Zinabu Getahun Sisay (2017): LSM001: Feature Orientation and Positional Accuracy Assessment of Digital Orthophoto and Line Map for Large Scale Mapping (The Case Study on Bahir Dar Town, Ethiopia). <https://rcmr.org/media-item/publications/conference-proceedings?download=148:ric-2017-conference-handbook>. (Presented in RCMRD 2017 International Conference in Nairobi, Kenya)*
3. *Sisay Zinabu, Amezene R. (2019): Optimum Sample Size Determination Scenarios for Orthophoto Positional Accuracy Test in Varied Topography for Urban Land Registration: Case Bahir Dar, Debre Markos, Harar City, Ethiopia: https://www.uneca.org/sites/default/files/uploadeddocuments/CLPA/2019/Papers/Data-spatial-information-systems/paper_final_for_clpa-2019-converted.pdf. (Presente in African Land Conference in Abidjan, IvoryCost)*

4. *Sisay Zinabu, et.al. (2023): Socie-Technical Evaluation of Urban Cadastral System Implementation Against International and National Standards: Case Bahir Dar, Debre Markos, Harar City, Ethiopia:The proceeding is underelease....* **(Presente in North Africa Land Administration Govrnance (NALGA) Rabat, Morocco).**
5. *Sisay Zinabu (2017): 23 Ethiopian Cities Digital Orthophoto Positional Testing from Urban Cadastral Registration System Perspective: Published in Hard Copy page 198-207 (2nd Ethiopian Land Administration Conference, Institute of Land Administration Bahir Dar University Bahir Dar, Ethiopia)*
6. *Sisay Zinabu (2017): Orthophoto Positional accuracy Assessment of Orthophoto for Bahir Dar City for Large Scale Mapping: Published in Hard Copy page (2nd Geo-spatial Data and Technology Center, Bahir Dar University Bahir Dar, Ethiopia).*
7. *Sisay Zinabu (2020): Bahir Dar City Structural Plan Preparation-Base Map Preparation and IDP Evaluation: <https://www.facebook.com/photo/?fbid=109377120812321&set=pcb.109379907478709>.*