

# Curriculum Vita

*Name:* **Melak Mesfin Ayenew**

## Educational Background

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- **August 2011 – June 2013:** Master of Philosophy in System Dynamics (MPhil), at University of Bergen, Norway.
- Skills: well developed system thinking, system management and policy analysis, data analysis by designing/using system dynamics models.
- **September 2007– July 2009:** Master of Science in Mathematics (MSc), at Addis Ababa University, Ethiopia.
- Skills: Advanced computational and problem solving skills in Mathematics.
- **September 2001 – July 2006:** Bachelor of Education in Mathematics (BEd), Debub University, Dilla, Ethiopia.
- Skills: Computational and problem solving skills in Mathematics and Physics, Pedagogical skills, teaching skills and Programing skills in

C, C+

## Experience

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- **May 2015- up to present** Policy Researcher for Africa at Millennium Institute (non-profitable organization based in Washington DC.).  
Responsibility: work with T21 Ethiopia and Kenya model development, modeling, analyzing model, running scenarios, organizing workshop, conducting training, writing report, collecting data for model development etc.
- **August 2013- March 2015** Consultant and policy researcher at Millennium Institute.  
Responsibility: work with T21Ethiopia model development, modeling, analyzing model, running scenarios, organizing workshop, conducting training, writing report, collecting data for model development etc.

- **July 2009- August 2011:** Lecturer at Arba Minch University, Ethiopia.  
Responsibility: Teaching Mathematics courses, conducting research, preparing teaching materials like: modules and handouts, senior project advisor for final year undergraduate students.
- **August 2006–September 2007:** Graduate Assistant at Arba Minch University, Ethiopia
- Responsibility: Providing tutorials, preparing teaching materials to undergraduate students.

**Other Skills:** \_\_\_\_\_

- Very good in using dynamic the softwares, iThink and Vensim also, Microsoft office, Ms-Dos, SPSS, Programing in C and C+.
- Very good at English language (Mother tongue Amharic)
- I am one of the members of the group who win the Aible 2013, Bergen case competition award, with the application of system dynamics.
- I have driving license.

**Publications:** \_\_\_\_\_

- Melak Mesfin Ayenew, Birgit Kopainsky (2014). Food Insecurity in Ethiopia: Population, Food Production and Market. *Proceedings of the 32<sup>nd</sup> International Conference of the System Dynamics Society.*
- Melak Mesfin Ayenew (2013). Agricultural Production and Food Insecurity in Ethiopia: A System Dynamic Approach, *Master thesis at the University of Bergen.*  
<https://bora.uib.no/bitstream/handle/1956/7295/109093518.pdf?sequence=1>.
- Aklilu, T., Bereket, G., Melak, M., Tefaye, G. (2012). Effects of Computer Simulations on Undergraduate Science Students Physics Achievement. *Proceedings of the 2012 Annual Meeting of the National Association for Research in Science Teaching (NARST), Indianapolis, Indiana.*

**Reference:** \_\_\_\_\_

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