

Ashenafi A. Weldemichael

University of Coimbra, Civil engineering Department
MIT-Portugal Program, Transportation Systems
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ACADEMIC AND RESEARCH EXPERIENCE

ASSISTANT LECTURER

2006-2008

Department of Civil Engineering

Mekelle University, Ethiopia

Teach undergraduate (Engineering Surveying, Engineering Mechanics, Theory of Structures))
courses in civil engineering

Supervise Students projects

Participate in faculty and departmental committees.

RESEARCH ASSISTANT

2006-2008

Mekelle University, Ethiopia

Participated on a research project entitled Cactus, “chid”, and other ingredients as stabilizing
agents for production of cheap, strong and durable earth block as an alternative building material

RESEARCH INTERESTS

Land use and transport interactions and integrations

Multi agent simulation (MAS) systems of land use –transportation systems

EDUCATION

MASTER OF SCIENCE in (Complex transport Infrastructure Systems)

2009

(Prospect graduate-09)

Thesis title: Multiagent Based modeling of land use/transport systems

(Thesis Supervisors: Prof. Antonio Pais Antunes; Co-supervisor: Prof. Jose Manuel Viegas)

MIT-Portugal Program, Transportation systems focus area

Department of civil engineering

Instituto Superior Technico, Portugal

BACHELOR OF SCIENCE (Civil Engineering)

2006

Project Title: Structural Design of G+6 Multipurpose Building

Department of Civil Engineering

Mekelle University, Ethiopia

AWARDS, PRIZES AND RECOGNITIONS

FCT fellowship grants for doctoral scholarships **2009**

Scholarship for the courses on climate change, IPC, Helsingr-Denmark **2009**

Scholarship for graduate studies (CTIS, MIT-Portugal) **2008**

ADDITIONAL TRAINING

Climate Dialogue across borders (Come2gether summer course at the IPC-Denmark) **2009**

(Named as climate ambassador)

Leadership course (for 15 days), IST-Lisbon **2009**

Portuguese Language basics (25hrs), IST-Lisbon **2009**

GTZ Low cost housing project (design of low cost houses in Addis Ababa) **2005**

COMPUTING KNOWLEDGE

Transportation: Logit, xpress MP,

Others: Windows XP, Microsoft Office XP 2007, SAP 2000, C++, AutoCAD, Macbeth, Risknet

LANGUAGE SKILLS

Very good at writing, reading and verbal skills of English language

INTERESTS

Watching sport events and news, documentary movies, spent time with friends