

ENGR. ATOO, AONDOSEER ABRAHAM (MNSE)



Contact Address

Department of Civil Engineering,
University of Agriculture,
P.M.B. 2373, Makurdi - Nigeria

Corresponding Address

No. 10, Off Uke Wende Street,
11th Avenue High Level, Makurdi,
Benue State - Nigeria

Mobile: +234-703-339-3131,

e-mail: atoo.aondoseer@uam.edu.ng, atooaondoseer@yahoo.com

Objective

I am a young lecturer who is agile, hardworking, academic minded individual, a problem solver with interest in construction, research, teaching and leadership, pursuing academic excellence and great engineering achievements.

Personal Data

Date of Birth: 7th June, 1986
Sex: Male
Marital Status: Single
Nationality: Nigerian

Experience

University of Agriculture, Makurdi, Benue State, Nigeria
(Lecturer II) Dec. 2015 – Date

University of Agriculture, Makurdi, Benue State, Nigeria
(Graduate Assistant) March, 2013 – Sept. 2015

Ministry of Works, Umuahia, Abia State.
(Assistant Site Resident Engineer) Nov. 2011 – Oct. 2012

Ministry of Works, Housing & Transport Makurdi, Benue State
SIWES Trainee June 2009 – Feb. 2010

Certificate

National Youth Service Corps
October 2012

Level 2 Award in Health and Safety in Workplace
July 2012

Proficiency Certificate in Management
October 2012
(Nigerian Institute of Management (Chartered))

Education with Qualification

University of Southampton Sept. 2014 – Sept. 2015

- MSc in Transportation Planning and Engineering

Federal University of Agriculture, Makurdi 2005 - 2010

- B. Eng. Civil Engineering.
(Second Class Upper Division)

Mount Saint Gabriel's Secondary School, Makurdi 1999 - 2005

- Senior School Certificate Examination
WASSC

NKST Nursery and Primary School, Idye, Makurdi 1993 - 1999

- First School Leaving Certificate

Computer Knowledge

- AUTO CAD
- Microsoft Office Suite; Word, Excel, Powerpoint

Research

Micro-simulation of Red Light Running at a Traffic Signalized Junction using SUMO Traffic Simulator

(MSc. Thesis at University of Southampton, United Kingdom)

The Use of Visual Basic 6 Computer Program for the Design of a Cantilever Retaining Wall and Slope Stability

(Final Year Project at Federal University of Agriculture, Makurdi)

The Use of Special Tube (Balloon) in Pipe Culvert Construction

(Seminar Work Presented to Civil Engineering Department, Federal University of Agriculture, Makurdi. October, 2010)

Publications

Atoo, A.A., Uyoo, T.A., and Egba, J.E. (2018). Compaction Characteristics and Some Physical Properties of Otukpa Soils. *American Journal of Earth Science and Engineering*. Vol. 1, No. 2, pp. 85-91.

A.A. Atoo, P.T. Adeke and A.E. Daniel (2018). Level of Service (LOS) of Freeway Segments Within Makurdi Metropolis. *International Journal of Advance Research and Innovative Ideas in Education*. ISSN(Online): 2395-4396, Vol-4 Issue-4, Pp. 763-771.

E.O. Momoh, **A.A. Atoo**, D. Nwakonobi, (2018). Suitability of Awka-North (Nigeria) Sedimentary Stones as Coarse Aggregate for Building Construction. *International Journal of Engineering and Science Invention*. ISSN (Online): 2319 – 6734, ISSN (Print): 2319 – 6726. www.ijesi.org, Volume 7 Issue 1, Pp. 71-83.

Adeke, P.T., Zava, E.A. and **Atoo, A.A.** (2018). Spot Speed Study of Vehicular Traffic on Major Highways in Makurdi Town. *Journal of Civil and Environmental Research*, ISSN (Paper) 2224-5790, ISSN (Online) 2225-0514. Vol 10 No. 6, Pp 123-131.

P.T. Adeke, **A.A. Atoo** and E.A. Zava (2018). Modelling Traffic Noise Level on Roadside Traders at Wurukum Market Area in Makurdi Town, Benue State - Nigeria. *Nigerian Journal of Technology (NIJOTECH)* Vol. 37, No. 1, January 2018, pp. 28-34. Print ISSN: 0331-8443, Electronic ISSN: 2467-8821. <http://dx.doi.org/10.4314/njt.v37i1.1> www.nijotech.com.

A. A. Atoo, E.O. Momoh, H.S. Audu (2018). The Use of Municipal Solid Waste Ash as Partial Replacement of Quarry Dust in Concrete Production. *International Journal of Advance Engineering and Research Development*. Vol. 5(7), Pp 152-159

P.T. Adeke, **A.A. Atoo** and E.A. Zava (2018). Traffic Signal Design and Performance Assessment of 4-Leg Intersections Using Webster's Model: A Case of 'SRS' and 'B-Division' Intersections in Makurdi

Town. *International Research Journal of Engineering and Technology (IRJET)* Vol 5(5), 1253-1260, e-ISSN: 2395-0056, www.irjet.net.

E.O.Nwafor, O.O. Aderinlewo, **A. A. Atoo** (2018). Trip Generation Model for Makurdi Metropolis, Benue State. *International Journal of Civil Engineering and Construction Science*. Vol 5 (1), Pp. 17-24 <http://www.aascit.org/journal/ijcecs>, ISSN: 2472-9558 (Print); ISSN: 2472-9566 (Online)

A.B. Yahaya, T. Ako, **A. A. Atoo**, I. T. Yusuf (2017). Determination of Macroscopic Traffic Flow Characteristics on an Urban Arterial Using the Moving Car Observer Method. *USEP: Journal of Research Information in Civil Engineering*, Vol.14, No.2, 2017. <http://useprice.webs.com>

**Professional
Qualification**

Registered Civil Engineer (R41856) by the Council for the Regulation of Engineering in Nigeria (COREN)

Nigerian Society of Engineers (NSE) (Reg. No. 45080)
(Corporate Membership)

Nigerian Institute of Management (Chartered)
(Graduate Membership)

**Conferences/
Workshop Attended**

27th Engineering Assembly. Organized By COREN and held in Abuja 6th-8th August, 2018

2017 NSE Conference and AGM
20th -24th November, 2017.

A-3 Day Mandatory Continuing Professional Education Course for Prospective Corporate Members by NSE
9th – 11th August, 2017.

2017 NBRRI International Conference
20th -22nd June, 2017.

**Supervised
Undergraduate
Projects**

1. Assessment of the compressive strength of concrete using different brands of ordinary Portland cement. B.Eng. Project by Inedu, S.O. – 12/22428/UE, March 2017
2. Assessment of Traffic Characteristics of Selected Road Links Within Makurdi Metropolis. B.Eng. Project by Daniel, A.E. – 12/22410/UE, March 2017.
3. Determination of some Geotechnical Properties of Soils at Otukpa in Ogbadibo Local Government area for Building. B.Eng. Project by Egba, J.E. – 12/22413/UE, March 2017.
4. Assessment of Pedestrian Safety at Wurukum along Makurdi-Gboko Road, Benue State. . B.Eng. Project by Ogbu, B.D. – 12/22443/UE, March 2017.
5. Analysis and Design of Traffic Signal to Accommodate Pedestrians at B-Division Intersection, Makurdi Benue State. B.Eng. Project by Attah, E.K. – 12/22401/UE, March 2017.

6. Analysis of Travel Characteristics (A Case Study of Federal University of Agriculture, Makurdi). B.Eng. Project by Dogo, Caleb Luke- 13/25325/UE, July 2018.
7. Suitability of Maize Husk Ash in Stabilization Lateritic soil for Road Construction. B.Eng. Project by Ntui, Obasi Isong- 13/25379/UE, July 2018
8. Stabilization of Lateritic Soil using Corn cob Ash and Calcium Carbide Residue for Road Construction. B.Eng. Project by Kugbiyi, Elijah- 13/25412/UE, July 2018.
9. Use of Corn Husk Ash As Partial Replacement for Cement in Concrete Production. B.Eng. Project by Enenche, Godwin- 13/25370/UE, July 2018.
10. Compressive Strength and Modulus of Rupture of Periwinkle Shell Ash Blended Cement Concrete by Gwom, Gideon Watt- 13/25408/UE

**Service to
University/
Community**

Departmental Examination Officer
Departmental Registration Officer
Departmental Time Table Officer

Leadership

Mass Prefect at Mount Saint Gabriel's Secondary School, Makurdi.
Time Keeper at NKST Nursery/Primary School, Idye, Makurdi.

Hobbies

I like Reading, Playing Table Tennis, Playing Foot Ball and Studying

Referees

Engr. Prof. Manasseh Joel

Professor of Civil Engineering
Deputy Dean,
College of Engineering
University of Agriculture, Makurdi.
Mobile: +243 803 210 4329
E-Mail: manassehjoel@yahoo.com

Dr. Simon Box

Visiting Research Fellow
Transportation Research Group
Engineering and the Environment,
University of Southampton, UK
Southampton SO16 7QF.
Email: S.Box@soton.ac.uk

Engr. Izuchukwu Onwughara

Assistant Chief Engineer (Planning and Design)
Civil Engineering Department,
Ministry of Works, Umuahia,
Abia State.
Mobile: +234 703 046 1969
E-mail: zulu_josh@yahoo.co.uk