

**DR. MIKE EBIE ONYIA**

**CURRICULUM VITAE**

**NAME:** ONYIA, MICHAEL EBIE  
**NATIONALITY:** Nigerian  
**STATE OF ORIGIN:** Enugu State  
**LG/TOWN:** Enugu South/Amechi Awkunanaw  
**SEX:** Male  
**MARITAL STATUS:** Married  
**RESIDENCE:** Plot 363 Community Estate Layout, Trans-Ekulu, Enugu  
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**QUALIFICATIONS:**

1. Ph.D. (Civil Engineering), 2005
2. M. Eng. (Civil Engineering), 1997
3. B. Eng. (Hons) Civil Engineering (Second Class, Upper Division), 1987
4. W.A.S.C. ('O'Level) Distinction, 1982

**INSTITUTIONS ATTENDED WITH DATES:**

1. University of Nigeria, Nsukka (Sept. 1997-April 2005)
2. Enugu State University of Science and Technology (Nov. 1993-Sept. 1997)
3. University of Nigeria, Nsukka (Sept. 1982-June 1987)
4. Government College Maiduguri, Borno State (Sept. 1977-June 1982)

**RESEARCH WORKS:**

1. ONYIA, M.E. (1987): ***Analysis of Plates Under Flexural Loads by the Finite Element Method***, B. Eng. Project Report, University of Nigeria, Nsukka.
2. ONYIA, M.E. (1996): ***Finite Element Analysis of Right Bridge Decks***,. M.Eng. Project Report, Enugu State University of Science and Technology.
3. ONYIA, M.E. (2005): ***Seismic Analysis of Multi-Storey Frames Possessing Axially-Loaded Vertical And Flexible Horizontal Members***, Ph.D Thesis, University of Nigeria, Nsukka.
4. ONYIA, M.E. and OSADEBE, N.N. (2007): ***An Improved Structural Model for Seismic Analysis of Tall Frames***, Nigerian Journal of Technology, Vol. 26, No. 2
5. ONYIA, M.E. and OSADEBE, N.N. (2008): ***An Assessment of the Adequacy of the Indian Seismic Code***, NSE Technical Transactions, Vol. 43, No.4.
6. ONYIA, M.E. (2008): ***A Finite Element Model for the Analysis of Bridge Decks***, Nigerian Journal of Technology, Vol. 27, No. 1

7. ONYIA, M.E. (2009): ***A Comparative Analysis of Two-Way Slabs by the Finite Element Method and BS 8110***, NSE Technical Transactions, Vol. 44, No. 4
8. ONYIA, M.E. (2010): ***Asymmetrical Design of RC Columns by Rigorous Approach***, NSE Technical Transactions, Vol. 45, No. 1
9. ONYIA, M.E, AGUNWAMBA, J.C. and EZEOKONKWO, J.C. (2016): ***Comparative Analysis of the Compressive Strength of Hollow Sandcrete Blocks with Different Cavities Arrangement***, Nigerian Journal of Technology, Vol. 35, No. 2
10. ONYIA, M.E, AGUNWAMBA, J.C., EZEOKONKWO, J.C., OJIOGU, E. and AMADOU, A. (2016): ***Theoretical Investigation of Stress Distribution in Hollow Sandcrete Blocks Due to Variation of Cavity Sizes and Number Web Thickness***, Nigerian Journal of Technology, Vol. 35, No. 2

**PRESENT POST:** (October 2005 – Date)

Senior Lecturer, Department of Civil Engineering, University of Nigeria Nsukka.

Courses taught:

1) Undergraduate

- CE 441 - Foundation Engineering I
- CE 543 - Geotechnical Engineering
- CE 413 - Steel and Timber Design
- CE 541 – Foundation Engineering II
- CE 552 – Traffic and Highway Engineering
- CE 431 - Civil Engineering Practice

2) Postgraduate

- CE 641 – Soil Investigation and Testing
- CE 643 – Shallow Foundations and Pavement Design
- CE 644 – Deep Foundations
- CE 655 - Soil – Structure Interaction
- CE 657 - Seismic Analysis and Design

**MEMBERSHIP OF PROFESSIONAL BODIES**

- Registered Engineer, ***Council for the Regulation of Engineering in Nigeria*** (COREN) No. R. 5457. Sept. 1993
- Corporate member, ***Nigeria Society of Engineers*** (NSE) No. 05490. July 1992

## **PRIZES, HONOURS AND AWARDS**

- 1) Vice-Chancellor's Faculty Postgraduate Prize as the best graduating Ph.D student in the Faculty of Engineering of the University of Nigeria for the 2004/2005 session.
- 2) Vice-Chancellor's Postgraduate Prize as the Third best graduating Ph.D student in the University of Nigeria for the 2004/2005 session.

## **SERVICE TO RELEVANT OUTSIDE BODIES**

### 1) May 2006 – Date

Member, Board of the *Nigerian Communications Commission* (NCC), the Nigerian telecommunications regulatory body.

- Chairman, Board Project Committee
- Member, Board Engineering Committee
- Member, Board Licensing Committee
- Quality of Service Regulation
- Spectrum Planning
- Number Portability
- Internet Service / Broadband Regulation
- Transmission Backbone Infrastructure
- Digital Appreciation Projects
- Emergency Communication Centres
- Universal Service Provision

### 2) June 2003 – June 2004

General Manager / Chief Executive Officer of the *Enugu State Environmental Protection Agency* (ENSEPA)

: *Environmental Management*

- Solid waste management
- Personnel management / general administration
- Revenue generation / Public expenditure management
- Private sector partnership
- Partnership with international donor agencies, e.g. DFID
- Environmental health enforcement
- Industrial pollution control
- Erosion / flood control

- Illegal structures / obstruction abatement

## **WORKING EXPERIENCE:**

- Over 28 years (1987 – 2016) post-qualification experience in engineering practice with particular emphasis on civil engineering and project management, including design and supervision of construction works and the preparation of bills of quantities and estimates on proposed projects.

a) February 1999 – Oct 2005

**EBV CONSULTANTS NIGERIA LIMITED, ENUGU** – *Principal Partner*

: *Engineering Services*

- **Anambra-Imo River Basin Capital Projects** (June 2001 – Dec. 2001)  
  
The project consisted of the design of a surface water scheme capable of producing 10,000 cubic metres of water per day to serve some communities in Afikpo South LGA of Ebonyi State
- ***Ebonyi State Water Corporation Institutional Development Technical Consultancy Project*** (January 2000 – June 2001)  
The project, which is the Phase II of the World Bank-assisted National Water Rehabilitation Project, involved customer enumeration and mapping, water audit and tariff studies, and operations and maintenance improvement of water schemes at Abakaliki, Afikpo and Unwana, all in Ebonyi State
- ***Water Resources Management and Water Supply in South-eastern Nigeria*** (December 1999 – Feb. 2000, April 2003 – Aug 2005)  
  
This is a **MISEREOR Germany**-sponsored rural water project in partnership with the catholic church, covering the five catholic dioceses in South-eastern Nigeria, namely Enugu, Abakaliki, Nsukka, Onitsha and Awka. It involves the design and implementation of pilot projects for water supply and sanitation.
- **Improved National Access to Water Supply and Sanitation Programme for Enugu State** (June 2000 – July 2001)  
  
The project consisted of the design and supervision of new rural water and sanitation schemes and the rehabilitation of existing ones for communities in Enugu and Anambra States.
- **Erosion Control Works at AMA Greenfield Brewery Project, Enugu** (May 2002 – Dec. 2002)  
  
The project, which is **HEINEKEN** - funded, involves the protection of the slopes by stone pitching, using “grass blocks”. Also construction of storm water drains.

b) March 1992- December 1998  
**DHV CONSULTANTS NIGERIA LIMITED, ENUGU - Resident Engineer.**

: **ADB-sponsored Enugu/Anambra States Rural Water Supply Project (Phase I).**

- **Resident supervision of contract Nr. 2** - Boreholes, hand-dug shallow wells, overground reservoirs and pipe reticulation for Enugu and Nsukka Zones in Enugu State.

: **Resident supervision of contract Nr. 3** - pipeline extensions for Abakaliki Zone in Enugu State. The objective of the works is to extend existing pipelines to supply a total of 33 communities with potable water from existing sources.

: **Design of ADB-sponsored Rural Water Supply Project (phase II)**

This involved the design of rural water supply schemes in additional 77 communities in Anambra and Enugu States.

: **World Bank-sponsored National Water Rehabilitation Project for Enugu State, Zone F.**

- **Supervision of contract Nr. 1**- Ajali and Ezillo water treatment plants in Enugu State.

- **Supervision of contract Nr. 2** - Nsukka and Ukehe water schemes in Enugu State.

c) August 1988-February 1992  
**FOUGEROLLE J.V. FOUGEROLLE NIGERIA LTD., AJAOKUTA - Civil Engineer**

: **Civil Works at the Ajaokuta Iron and Steel Complex.**

- Construction of the off-loading facilities, waste water treatment facilities, water and gas pipe networks.

#### **WORKSHOPS AND CONFERENCES ATTENDED:**

- Nigerian Society of Engineers' Annual Conference held in Jos from 12 to 15 December, 1990.
- Nigerian Society of Engineers' Annual Conference held in Enugu from 10 to 12 February 1994.

- First Engineering Assembly in Nigeria organised by COREN in Lagos on 26<sup>th</sup> of March 1993.
- Seminar on *The Development of Engineering and Management* organised by Nigerian Society of Engineers in Lagos on April 7, 1994.
- Workshop on *Effective Waste Management* by Nigerian Society of Engineers in Lagos from 20 to 22 April 1994.
- Course on *Soil Erosion Control in Urban Development* organised by Nigerian Society of Engineers in Lagos from 27 to 29 April 1994.
- Course on *Piping Design and Sizing in Domestic and Industrial Systems* organised by Nigerian Society of Engineers in Lagos from 16 to 18 May 1994.
- Workshop on *Appraisal of the World Bank-assisted National Water Rehabilitation Project in Nigeria* organized by the Federal Ministry of Water Resources in Abuja from 20 to 24 November 2000
- 1<sup>st</sup> Stakeholders' workshop on *Strategy and Policy Development for Sustainable Environment* organized by Enugu State Ministry of Environment and Solid Minerals in collaboration with UK Department for International Development – DFID, Enugu in Enugu from 29 to 31 October 2003
- 2<sup>nd</sup> Stakeholders' workshop on *Strategy and Policy Development for Sustainable Environment* organized by Enugu State Ministry of Environment and Solid Minerals in collaboration with UK Department for International Development – DFID, Enugu in Enugu from 29 to 30 March 2004
- National Stakeholders' Forum on National Environmental Sanitation Policy and Programme organized by Federal Ministry of Environment in collaboration with United Nations Development Programme (UNDP) in Port Harcourt from 25 to 28 May 2004
- Course on *Mobile Telecommunications Network Engineering* organized by the United Kingdom Telecommunications Academy in Blandford, Dorset, UK from September 18 to 25, 2006.
- International Conference on *Information and Communication Technologies for Education and Development* (Digital World Africa 2006) organized by the Nigerian Communication Commission in Abuja from September 12 to 13, 2006.
- Telecommunications miniMBA programme by Telecoms Academy in London from 8<sup>th</sup> to 12<sup>th</sup> September 2008
- Course on Independent Monitoring and Evaluation of Development Projects organized by the Institute for Public-Private Partnerships (IP3) in Washington DC from 10<sup>th</sup> to 21<sup>st</sup> November 2008

- Telecom Conferences and Exhibitions in Accra, Ghana (2007), Cape Town, South Africa (2009, 2010), Kuala Lumpur, Malaysia (2006, 2008, 2009, 2010, 2012), Singapore (2008, 2009, 2010, 2012), New Delhi, India (2009, 2010), Beijing, China (2008), Shanghai, China (2010), London (2006, 2008, 2009, 2010, 2012), Barcelona, Spain (2010), Hanover, Germany (2010), Dubai, UAE (2009, 2010, 2012)
- Course on Public and Private Sector Corporate Governance by RIPA INTERNATIONAL in London from 2<sup>nd</sup> May to 13<sup>th</sup> May 2011
- Course on Regulating Quality of Service: Planning, Compliance, Monitoring, and Enforcement organized by the Institute for Public-Private Partnerships (IP3) in Washington DC from 9<sup>th</sup> to 20<sup>th</sup> July 2012.