

FACULTY VITAE – EMMANUEL U. NZEWI

1. Name: Emmanuel U. Nzewi
Academic Rank: Professor

2. Education & Degree (degree, discipline, institution, year)

BSCE Civil Engineering Michigan Technological University, Houghton, MI 1980
MSCE. Civil Engineering Purdue University, West Lafayette, IN 1982
Ph.D. Civil Engineering Purdue University, West Lafayette, IN 1982

3. Academic Experience (Period, institution, rank)

2020 - Present	Prairie View A&M	Professor, Civil Eng.
2019-2020	Prairie View A&M	Interim Associate Dean
2013-2020	Prairie View A&M	Department Head
2008-2013	Southern Univ. and A&M College	Department Chair
2004-2008	NC A&T State Univ	Director, Civil Eng
2000-2004	NC A&T State Univ	Director, Civil Eng
1989-1995	NC A&T State Univ	Assistant Prof., Civil Eng
1988	Purdue University	Visiting Prof., Civil Eng

4. Non-academic Experience

2018	PPI/Kaplan Professional	Consulting Instructor
1987	H. Stewart Kline, Lafayette, IN	Consultant

5. Certification and Professional Registrations:

Professional Engineer (PE)

- a) State of Indiana
- b) State of Louisiana

6. Current Membership in Professional Organizations:

ASCE, EWRI, AWRA, ASEE, AGU, AWWA, Omega Rho

7. Honors & Awards

- 2011 Louisiana Engineering Foundation Faculty Professionalism Award, Louisiana Engineering Foundation, January 2011.
- 2007 Service Award, ASCE Environmental and Water Resources Institute, 2007 Water Congress, Tampa, FL, May 2007
- Faculty Advisor Reward, American Society of Civil Engineers, 2000, 2001 & 2002
- Honorable Mention, for outstanding activities of the ASCE Student Chapter, American Society of Civil Engineers (ASCE), 2000 & 2001
- College of Engineering Teaching Excellence Award, NC A&T State University, 2000
- Outstanding Teacher Award, Civil & Environmental Engineering, NC A&T State University, 1998-1999, May 1990
- Outstanding Service Award, 1999 ASCE Carolinas Conference, April 11, 1999.
- Member, Omega Rho (Operations Research/Management Science Honor Society)

8. Service Activities (within and outside of the institution)

- NSF Graduate Research Fellowship Program (NGRFP), Review Panel, 2016-2020
- Panelist, 2020 National Defense Science and Engineering Fellowship Program (NDSEG), Air Force Office of Scientific Research, Department of Defense (DoD), February 2020
- Member, Harris County MAAPnext Technical Advisory Group, Harris County Flood Control District (2019 – Present)
- V. Chairperson, Zoning Board of Adjustments, City of Prairie View, TX (2019 – Present)
- Department Heads Coordinating Council (DHCC), ASCE, Reston, VA (2019-2021)
- Journal Reviewer, J. Water Resources Plan. & Mngmt and J. of Hydraulic Eng. (ASCE)
- Member, ASCE Committee on Accreditation (COA), ASCE, Reston, VA (2019 – 2020)
- GEM Application Review, National GEM Consortium, Alexandria, VA, Nov.15-17, 2017
- Review Panel, U. S. Water Partnership Water Consultants Program (WCP) for Kenya's Nairobi River Basin Rehabilitation and Restoration Program, November/December, 2016
- Panelist, 2019 National Defense Science and Engineering Fellowship Program (NDSEG), Air Force Office of Scientific Research, Department of Defense (DoD), February 2019

9. Publications and Presentations from the Last Five Years

- Zhang, H., Zimba, P.V., Nzewi, E.U. (2019), “A New Relative Radiometric Calibration Method for Aerial Imagery,” Remote Sensing, 11(16): 1931. DOI: 10.3390/rs11161931.
- Zhang, Hua and Emmanuel Nzewi (2019), “Considerations for the Development of Community Infrastructure Resilience Index,” Presentation, ASCE Environmental and Water Resources Institute, 2019 Water Congress, May 19-23, 2019, Pittsburgh, PA

10. Brief List of Most Recent Professional Development Activities

- Harris County Engineering Division Green Infrastructure and Envision Initiatives, EWRI, ASCE, Houston Chapter, March 25, 2021 (Certificate)
- Fundamentals and Advanced Hydrologic Spatial Applications in R, WORKSHOP (Virtual), American Water Resources Association (AWRA), August 11, 2020
- National Effective Teaching Institute (NETI 3 Online), ASEE, July 30-31, 2020
- ABET Institute for the Development of Excellence in Assessment Leadership (IDEAL) Workshop, Baltimore, MD, August 6-9, 2018 [30 PDH units]
- ABET Fundamentals of Program Assessment Workshop [FPAW], San Diego, CA, April 14, 2018 [7 PDH]
- Texas Awareness Floodplain Construction Training: Learn to Build with Resilience in Mind, International Code Council, March 19, 2018 (Certificate)