

1. **Name**  
Krishna Kumar Nedunuri
2. **Education**  
Ph.D. in Environmental Engineering, Purdue University, 1999  
M. S. in Chemical Engineering Science, I.I.T., Bombay, India, 1992.  
B. Tech. in Chemical Engineering, Andhra University, India, 1990.
3. **Academic experience**  
Full-time  
Central State University, Director, IC for Water Resources Management August 2017-current  
Central State University, Chairperson, Dept. of Water Resources Management 2017 - current  
Central State University, Professor, Dept. of Water Resources Management 2009 - current  
Part-time  
Wright State University, Graduate Faculty, Clean and Renewable Energy, 2010 - current
4. **Non-academic experience**  
CAD Center, I.I.T., Bombay, India; Research Engineer 1993- 1994 (full-time)  
CAD Center, I.I.T., Bombay, India; Senior Research Assistant, 1992-1993 (full-time)
5. **Certifications or professional registrations**  
Engineer Intern, Ohio
6. **Current membership in professional organizations**  
Member, American Society for Civil Engineers (ASCE)  
Member, American Chemical Society (ACS)  
Member, American Association of University Professors (AAUP)
7. **Honors and awards (Selected)**  
Scientific Teaching Fellow, Howard Hughes Medical Institute and NSF, 2018  
Power of Excellence Award, CSU Safety and Engineering, CSU Administration, 2014.  
STEM Fellow, Dayton Regional STEM Center, 2010 - current
8. **Service activities (Selected)**  
Outside Institution  
Reviewer, Journal of Environmental Management, 2010-Present  
Reviewer USDA NIFA AFRI Agroecosystem Management proposals (2014)  
Reviewer of USDA NRCS Ohio CIG grants (2013)  
Reviewer, Journal of Environmental Engineering (past)  
Within Institution  
Senate Member of the Committee on Promotion and Tenure (2019-2021)  
Chair, Eco-hydraulics Engineering Research Faculty Search Committee, 2020

## **9. Publications and Presentations (Selected)**

### Publications

1. Ramanitharan Kandiah, Krishna Kumar Nedunuri and Edison Perdomo. 2019. First Year Seminar Course, a Stepping-stone Course to Strengthen the Engineering Programs in a Minority Institution. 126th ASEE Annual Conference Exposition. Paper ID #25884. Tampa, FL. June 16–19, 2019
2. Kimberly D. Kendricks, Anthony A. Arment, K. V. Nedunuri, Cadance A. Lowell, Aligning Best Practices in Student Success and Career Preparedness: An Exploratory Study to Establish Pathways to STEM Careers for Undergraduate Minority Students, *Journal of Research in Technical Careers*, 3(1), 2019.
3. Samuel L. Laki, Krishnakumar V. Nedunuri and **Ramanitharan Kandiah**. 2018. *Introduction to Water Resources*. Kendall Hunt. Second Edition. 206 pp.
4. **Ramanitharan Kandiah**, Krishna Kumar Nedunuri and Edison Perdomo. 2018. Recruitment and Retention for Environmental Engineering and Water Resources Management Programs. *125th ASEE Conference*, Salt Lake City, UT. June 25–28, 2018
5. Ramanitharan Kandiah, Krishna Kumar Nedunuri and Ning Zhang. 2017. Incorporating Ethics and Professionalism into Environmental Engineering Curriculum. 124th ASEE Annual Conference & Exposition. Columbus, OH. June 25–28, 2017 <http://tinyurl.com/y7ph5fyp>

### Presentations

1. **K.V. Nedunuri**, Soil and Water Management in Agriculture: Addressing Salinity and Sodicity Concerns to Sustain Crop Productivity, India Farmer to Farmer Program through FAMU, Gujarat, India, March 21, 2018.
2. Maxwell, J., Pattadar, S.N., Smith, M., Bergesfurd, B., **K.V. Nedunuri**, Slater, B., and K.R. Islam, Aquaponic System Impacts On Lettuce Yield And Quality, Aquaculture Engineering Society - AES (Session #: 39), World Aquaculture Society America Conference 2020, Honolulu, Hawaii, USA, February 9-12, 2020.
3. Alisha Helm, **K.V. Nedunuri**, N. Zhang, R. Kandiah, X. Wei, Impacts of Hydraulic Fracturing on Forested and Agricultural Watersheds, ARD Research Symposium 2019, Jacksonville, FL, March 30 – April 3, 2019.
4. Gilbert Robinson, Ramanitharan Kandiah, **Krishna Kumar Nedunuri**, Ning Zhang, Xiaofang Wei and Subramania Sritharan. Estimating the Hydrological Impacts of Oil and Gas Activities in Leesville Lake Watershed, Ohio. *ARD Research Symposium 2019*, Jacksonville, FL. March 30– April 3, 2019.

## **10. Professional developmental activities (Selected)**

1. Received Training in September 2019 on DJI Matrice 200 series at Central State University. The training covered the FAA regulation and authorizations request, certificate program, drone system configuration and manipulation, and several testing flights on CSU campus.
2. Received training in summer of 2019 on Astoria Nutrient Analyzer for determination of nitrate and phosphates in the streams.