

**1. Faculty Name**

- a. Aldo R. Piñón-Villarreal, Ph.D.

**2. Education**

- a. Ph.D., Civil Engineering, New Mexico State University, 2017.
- b. M.S., Civil Engineering, New Mexico State University, 2008.
- c. B.S., Biology, Autonomous University of Juarez, 2005.

**3. Academic Experience**

- a. Angelo State University, Assistant Professor (Tenure-track), 2017-present, full time.
- b. New Mexico State University, Teaching Assistant, 2009-2017, part time.
- c. New Mexico State University, Research Assistant, 2009-2017, part time.

**4. Non-Academic Experience**

- a. Ecodinámica Industrial, Juarez, Mexico, LLC, GIS Analyst and Cartographer, performed geospatial analysis and created maps for environmental engineering projects, 2010-2011, part time.

**5. Certifications or Professional Registrations**

- a. Engineer-In-Training, Texas Board of Professional Engineers.

**6. Current Membership in Professional Organizations**

- a. US Committee on Irrigation and Drainage (USCID), Member.
- b. American Society of Civil Engineers (ASCE), Member.
- c. ASCE – Environmental & Water Resources Institute (EWRI), Member.

**7. Honors and Awards**

- a. Best (undergraduate) oral and technical presentation award at the International Conference on Soil Science and Management (ICSSM, online), June 4, 2021.
- b. ASCE fellowship to attend the 2019 Excellence in Civil Engineering Education (ExCEED), faculty workshop.
- c. Faculty Research Enhancement Program (FREP) grant, Office of Sponsored Projects, Angelo State University, 2019.
- d. Faculty Research Development Minigrant, Faculty Learning Commons, Angelo State University, 2017.
- e. NSF Travel Grant to attend ASSIST Engineering Early-Faculty Career Development Symposium, 2016.
- f. Richard E. Speece Research Lead Author Award, New Mexico State University, 2013.

- g. Fellowship for doctoral studies abroad, Mexican National Council for Science and Technology (CONACYT), New Mexico State University, 2009.

## **8. Service Activities**

- a. Member, DLH Department of Engineering Tenure and Promotion Committee.
- b. Member (Past Chair), DLH Department of Engineering Curriculum Committee.
- c. Past Member, DLH Department of Engineering Assessment and Accreditation Committee.
- d. AY 2019-2020 Faculty Senator, Angelo State University Faculty Senate.
- e. Past Member, College of Science and Engineering, Instructional Technology Advisory Committee.
- f. Past Member, DLH Department of Engineering Ad-Hoc Committees: Open Channel Flume Machine Procurement (Chair), Civil and Mechanical Engineering Faculty Search.
- g. Reviewer: American Society of Civil Engineers (ASCE), Journal of Irrigation and Drainage Engineering.
- h. Conference organizer and session moderator, USCID, 11th International Conference on Irrigation and Drainage, October 15-19, 2018, Phoenix, AZ.

## **9. Publications and Presentations**

- a. Shrestha D., Pinon-Villarreal, A., Carter, D. A. "Use of halophytes grown in zeolite as safe disposal of reverse-osmosis concentrate from desalination plants." Virtual Poster presented at the ICSSM 2021: International Conference on Soil Science and Management, June 3rd, 2021, virtual conference.
- b. Pinon-Villarreal, A. R., Samani, Z. A., Bawazir A. S, and Bleiweiss, M. P. (2020). "Correcting the edge effect for sensor spatial response in evapotranspiration estimation through remote sensing." *J. Irrig. Drain. Eng.* 146: 06020004.
- c. Pinon-Villarreal, A. R., Samani, Z. A., Bawazir A. S, and Bleiweiss, M. P. "Impact of Edge Effect in Evapotranspiration Estimates Using Landsat-7 Data." Presented at the *USCID 11th International Conference on Irrigation and Drainage*, October 18th, 2018, Phoenix AZ.
- d. Pinon-Villarreal, A. R., Bawazir, A. S., Shukla, M. K., Samani, Z., and King, J. P. (2017). "Modeling capillary rise in clinoptilolite zeolite and riparian soils to sustain vegetation in water scarce areas." *J. Irrig. Drain. Eng.* 143: 04017044.

## **10. Professional Development Activities**

- a. Participant, American Society for Engineering Education (ASEE) 2020 Annual Virtual Conference, June 22–26, 2020.
- b. Fellow, ASCE – Excellence in Civil Engineering Education (ExCEED), faculty workshop, July 21-26, 2019.
- c. Participant, National Effective Teaching Institute (NETI-1) Teaching Workshop, January 3-5, 2018.
- d. Speaker, PE Continued Education Workshop: Design of Pumps and Wells, Civil Engineering Dept., New Mexico State University, March 11, 2017.
- e. Participant, ASSIST Engineering Early-Faculty Career Development Symposium, October 5-9, 2016.