

Douglas Nelson, P.E.

Associate Professor at Milwaukee School of Engineering

Milwaukee, WI, US

Douglas Nelson's areas of focus are in architectural engineering and civil engineering.

Biography

Douglas Nelson is an Associate Professor in MSOE's Civil and Architectural Engineering and Construction Management Department. Nelson also held the Pieper Family Foundation Endowed Chair for Servant-Leadership at the university from 2019-2022. Previously he taught within the State University of New York (SUNY) system. He has industry experience as a Design Engineering Supervisor and a Technical Specialist; both in the water treatment industry. Nelson is an active member of the Water Environment Federation, American Society of Plumbing Engineers, and Wisconsin Servant-Leadership Steering Committee.

Areas of Expertise

Civil Engineering, Water Treatment, Wastewater Treatment, Plumbing Engineering, Architectural Engineering, Servant Leadership, Applied Engineering Ethics

Affiliations

American Society of Plumbing Engineers (ASPE) : Member, Water Environment Federation (WEF) : Member, Central States Water Environment Association (CSWEA) : Member, Society of Fire Protection Engineers (SFPE) : Member, Wisconsin Wastewater Operators Association (WWOA) : Member, Wisconsin and National Onsite Wastewater Recycling Association (NOWRA) : Member, New York State and Wisconsin Farm Bureau (NYFB) : Member, National (and NYS) Vocational Agriculture Teachers Association : Life Member

Event and Speaking Appearances

Ethics for Engineers

MSOE PEAK Workshops, 2014 - Present, Water Reuse 2014, 2017

Water Reuse Systems, Ethics for YPs

ASPE Technical Symposium, 2015

Ethics for Engineers

NSPE Wisconsin Annual Conference, 2015

ASPE Green Plumbing Design

2014 - Present

Nutrient Control in the Real World
WEFTEC, 2010 - Present

Education, Licensure and Certification

M.A.T.

Agricultural Education Cornell University

B.S.

Agricultural Education Cornell University

A.A.S.

Agriculture Engineering State University of New York College of Agriculture and Technology at Morrisville

Professional Engineer

New York

Permanent Certification

Teacher of Agriculture, New York State

Accomplishments

ASPE Award for Scientific Achievement

2020

Pieper Family Foundation Endowed Chair for Servant-Leadership, MSOE

2019-2022

Falk Engineering Educator Award, MSOE

2017

Kenneth G. Wentink Award of Excellence, American Society of Plumbing Engineers (ASPE)

2017

Bill Boyle Outstanding Educator Award, Central States Water Environment Association (CSWEA)

2017

Award for Scientific Achievement

2015

WEF Earl T. Mann award

1998

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