

Dongye (Don) Zhao
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Education

- Ph.D., Civil Engineering, Lehigh University, Bethlehem, PA, 1998
- MS, Environmental Engineering, Taiyuan University of Technology, China, 1987
- BCE, Civil and Environmental Engineering, Taiyuan University of Technology, China, 1984

Academic Experience

- Auburn University, *Professor*, 2011–present
- Auburn University, *E. and L. Huff Associate Professor/Professor*, 2007–present
- Auburn University, *Associate Professor*, 2006–2011
- Auburn University, *Assistant Professor*, 2001–2006
- The Connecticut Agricultural Experiment Station, *Postdoctoral Scientist*, 1999-2001
- Teikyo Post University, *Adjunct Faculty*, 2000-2001, part-time
- Virginia Tech, *Research Associate*, 1997-1999
- Lehigh University, *Graduate Research Assistant*, 1993–97, part-time
- Technical University of Munich, Germany, *Visiting Research Scholar*, 1992-1993
- University of Kassel, Germany, *Visiting Scholar*, 1991-1992
- Taiyuan Univ. of Tech., China, *Instructor*, 1988-1991

Non-Academic Experience

- Liulin County, Shanxi, China, *Volunteer Instructor*, 1987-1988

Professional Registration or Certifications

- *None*

Current Membership in Professional Organizations

- National Academy of Inventors (NAI)
- American Chemical Society (ACS)
- Association of Environmental Engineering and Science Professors (AEESP)
- Auburn University Chinese Professionals Association (AUCPA)

Honors and Awards

- *Outstanding Alumni Award*, Taiyuan University of Technology, China, 2012
- *American Chemical Society Service Award*, Division of Environmental Chemistry, American Chemical Society, 2008
- *Engineering Alumni Council Junior Faculty Research Award*, Auburn University, 2004
- *Outstanding Poster Award*, The 245th National Meeting of the American Chemical Society, New Orleans, LA, April 7-11, 2013 (with Bing Han)
- *C. Ellen Gonter Environmental Chemistry Best Paper Award*, American Chemical Society, 2008 (with Feng He)

Service Activities

Auburn University

- Member, University Patent and Invention Disclosure Committee, 2010–present
- Member, University Graduation Committee, 2008-2011
- Coordinator, Auburn Engineering China Programs, College of Engineering and Department of Civil Engineering, 2009–present
- Graduate Program Officer, Department of Civil Engineering, 2009-2014

External to Auburn University

- Associate Editor, Water Environment Research (WEF), 2013-present
- Editor, Frontiers of Environmental Science & Engineering, 2013-present
- Editorial Board Member, Current Pollution Reports, 2014-present
- Member, Publication Committee, the Association of Environmental Engineering and Science Professors (AEESP), 2006-2011

Most Important Publications and Presentations (Last 5 years)

- X. Zhao, W. Liu, D. Zhao (2016) “An overview of applications of stabilized zero-valent iron nanoparticles for environmental remediation” *Water Research*, (in press)
- X. Zhao, W. Liu, J. Fu, Z. Cai, S.E. O’Reilly, D. Zhao (2016) “Dispersion, sorption and photodegradation of petroleum hydrocarbons in dispersant-seawater-sediment systems” *Marine Pollution Bulletin*, (in press)
- M. Zhang, F. He, X. Hao and D. Zhao (2016) “Transport of stabilized iron nanoparticles in porous media: Effect of surface and solution chemistry” *J. Hazardous Materials*, (in press)
- Y. Gong, J. Tang, and D. Zhao (2016) “Application of iron sulfide particles for groundwater and soil remediation: A Review” *Water Res.*, 89(1) 309–320.
- Y. Gong, J. Tang and D. Zhao (2016) “Removal of aqueous perfluorooctanoic acid (PFOA) using starch-stabilized magnetite nanoparticles” *Science of the Total Environment*, 562, 191–200.
- W. Xie and D. Zhao (2016) “Controlling phosphate releasing from poultry litter using stabilized Fe-Mn oxide nanoparticles” *Science of the Total Environment*, 542, 1020–1029.
- W. Liu, X. Zhao, T. Wang, Z. Cai, J. Ni, D. Zhao (2016) “Adsorption of uranium(VI) by multilayer titanate nanotubes: Effects of inorganic cations, carbonate and natural organic matter” *Chemical Engineering Journal*, 286, 427–435.
- X. Zhao, Z. Cai, T. Wang, S.E. O’Reilly, W. Liu, D. Zhao (2016) “A new type of cobalt-doped titanate nanotubes for enhanced photocatalytic degradation of phenanthrene” *Applied Catalysis B: Environmental*, 187, 134–143.
- Y. Gong, J. Fu, S.E. O’Reilly, **D. Zhao** (2015) “Effects of oil dispersants on photodegradation of pyrene in marine water” *Journal Hazardous Materials*, 287C:142-150.
- J. Fu, Y. Gong, X. Zhao, S. E. O’Reilly, **D. Zhao** (2014) “Effects of oil and dispersant on formation of marine oil snow and transport of oil hydrocarbons” *Environmental Science & Technology*, 48: 14392-14399.

Recent Professional Development Activities

- Regularly participate in technical committee activities and attend technical sessions at ACS and AEESP Annual Conventions