

# Paul Westerhoff, Ph.D., PE, BCEE



Dr. Paul Westerhoff is a professor in the School of Sustainable Engineering and the Built Environment at Arizona State University and the Senior Advisor to the ASU Provost on Science and Engineering. He has over 185 journal publications on his research related to fate of nanomaterials in water, using nanomaterial-based technologies for water and reuse treatment, reactions and fate of oxo-anions, plus characterization, treatment and oxidation of NOM and micropollutants. He is the recipient of several awards including the ASU Outstanding Doctoral Mentor for 2015, 2013 ARCADIS/AEESP Frontier in Research Award, and 2006 Paul L. Busch Research Award from Water Environment Research Foundation Endowment for Innovation in Applied Water Quality Research. Currently, he directs a 9-university EPA network on the lifecycle of nanomaterials and Deputy Director of a newly awarded NSF/ERC on Nanoenabled water treatment technologies.

Dr. Paul Westerhoff is a full professor in the Civil, Environmental and Sustainable Engineering program in the School of Sustainable Engineering and the Built Environment, which is part of the Ira A. Fulton Schools of Engineering (FSE) at Arizona State University (ASU), and currently serve as a Senior Advisor on Science and Engineering to the ASU Provost. I obtained a Ph.D. from the

University of Colorado at Boulder, a MS from University of Massachusetts and BS from Lehigh University. I joined ASU in August 1995 and was promoted to full professor as a University Exemplar in 2007. I served as Department Chair in Civil and Environmental Engineering, founding Director for the School of Sustainable Engineering and the Built Environment, Associate Dean for Research in FSE which has over 250 engineering faculty, and ASU Vice Provost for Academic Research Programming. I have lead research funded by AWWARE, USEPA, NSF, DOD and local organizations investigating the fate of nanomaterials in water, use of nanomaterial-based technologies for water and reuse treatment, reactions and fate of oxo-anions (bromate, nitrate, arsenate) during water treatment, characterization, treatment and oxidation of natural organic matter in watersheds, formation of disinfection by-products, removal of taste and odor micropollutants. I am director of a 9-university EPA network on the lifecycle of nanomaterials and Deputy Director of a newly awarded NSF/ERC on Nanoenabled water treatment technologies. I have over 185 peer reviewed journal article publications and an H-index above 48, and my research group currently includes roughly 15 graduate students and post-docs. I am currently a member of the USEPA Science Advisory Board – environmental engineering committee, Vice Chair of the WateReuse Foundation Research Advisory Board, external advisory board member of the EPA-NSF Center for Environmental Impacts of Nanotechnology. Westerhoff has received several research awards including the 2013 AEESP/Arcadis Frontier in Research Award, 2005 ASCE Walter L. Huber Research Award and the 2006 WEF Paul L. Busch Award.

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