

# The 19<sup>th</sup> U.S.–Korea Forum on Nanotechnology

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## **Prof. Paul Westerhoff, PhD**

Arizona State University, USA

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Dr. Paul Westerhoff is a Regents Professor in the School of Sustainable Engineering and the Built Environment at Arizona State University and the Fulton Chair of Environmental Engineering. He joined ASU in 1995 and after serving as the Civil and Environmental Engineering Department Chair he was the Founding Director for the School of Sustainable Engineering and the Built Environment, plus additional administrative roles as Associate & Vice Dean of Research in Engineering and ASU Vice Provost for Academic Programming. He is the Director of the Global Center of Water Technology, Deputy Director of a NSF ERC ([newtcenter.org](http://newtcenter.org)) co-Deputy Director of the NSF Science and Technologies for Phosphorus Sustainability Center ([steps-center.org](http://steps-center.org)). He has over 425 journal publications (H-index>110) and multiple patents on his research related to fate of nanomaterials in water, developing novel technologies for water and reuse treatment, and understanding reactions related to the fate of pollutants during treatment or in natural systems with a focus on oxo-anions, natural organic matter and micropollutants. He is the recipient of several awards including the recipient of the 2020 A.P. Black award from the American Water Works Association, 2019 NWRI Clarke Prize for excellence in the fields of water science and technology, 2017 Sustainable Nanotechnology Organization Annual Achievement Award, ASU Outstanding Doctoral Mentor for 2015, 2013 ARCADIS/AEESP Frontier in Research Award, and 2006 Paul L. Busch Award. He was elected to the National Academy of Engineering in 2023.