# Narrative Resume – Water Reuse
# Dr. George Tchobanoglous

Dr. George Tchobanoglous is Professor Emeritus in the Department of Civil and Environmental Engineering at the University of California, Davis. His research interests are in the areas of wastewater treatment and water reuse, small and decentralized wastewater management systems, and solid waste management. He has authored or co-authored over 580 technical publications including 23 textbooks and 8 reference works. His books are well known for successfully bridging the gap between academia and the day-to-day world of the engineer. He has given more than 570 technical presentations, both in the United States and abroad. His degrees include a B.S. degree in civil engineering from the University of the Pacific, an M.S. degree in sanitary engineering from the University of California at Berkeley, and a Ph.D. in environmental engineering from Stanford University.

His involvement with water reuse dates back to the late 1960s. The subject of his PhD thesis, completed in 1968, was on the filtration of treated wastewater for reuse. With Rolf Eliassen he wrote in 1968 "*Reclamation of Wastewater in the United States," Water for Tomorrow"* and in 1969 *"The Indirect Cycle of Water Reuse."* His interest has continued until today. In 2000, he was one of the initial coauthors of the NWRI UV Guidelines and has coauthored the second edition in 2003 and the third edition in 2012. In 2007, based on his reuse experience, he coauthored the book *"Water Reuse: Issues, Technologies, and Applications."* In 2011, he coauthored the WaterReuse report titled "*Direct Potable Ruse: A Path Forward."* With Bob Raucher he coauthored "*The Opportunities and Economics of Direct Potable Reuse*" in 2014. In 2015, he chaired the committee which prepared the document titled "*Framework for Direct Potable Reuse*." In 2016 he was a principal investigator along with Jeff Mosher and Gina Melin Vartanian on NWRI report *"Potable Reuse Research Compilation: Synthesis of Findings."*

He is a Past President of the Association of Environmental Engineers and Science Professors (1989) and served on the Board from 1987 to 1990. Among his many honors, he received the Gordon Maskew Fair Medal from the Water Pollution Control Federation in in 1985 and the Jack Edward McKee Medal, Water Environment Federation in 1999. In 2003 he received the Clarke Prize from the National Water Research Institute. In 2004, he received the Distinguished Service Award for Research and Education in Integrated Waste Management from the Waste-To-Energy Research and Technology Council. In 2004, he was also inducted into the National Academy of Engineering. In 2005, he was awarded an honorary Doctor of Engineering from the Colorado School of Mines. In 2007, he received the Frederick George Pohland Medal awarded by AAEES and AEESP. In 2012, he became the first recipient of the Excellence in Engineering Education Award, from AAEES and AEESP. In 2013, he was the AAEES and AEESP Kappe Lecturer and in 2016 he was selected for the ASCE Simon W. Freese Environmental Engineering Award and Lecture. In 2017 he received honorary Doctorate degrees from Aristotle University in Thessaloniki, Greece, and from The Technical University of Crete, Greece.