



**Dr. Jeff Kuo** had worked in the chemical/environmental engineering industries for more than ten years before joined the Civil and Environmental Engineering Department at California State University, Fullerton in 1995. He gained his industrial experiences from working at several consulting companies (Groundwater Technology, Inc., Dames and Moore, and James M. Montgomery Consulting Engineers) and the Los Angeles County Sanitation Districts. He has also worked for Nan-Ya Plastics and Su-Chiang Co. in Taiwan. He has published more than ninety technical papers and authored a book, titled *Practical Design Calculations for Groundwater and Soil Remediation*.

He received a B.S. degree in chemical engineering from National Taiwan University, an M.S. degree in chemical engineering from University of Wyoming, an M.S. in petroleum engineering, and an M.S. and a Ph.D. in environmental engineering from University of Southern California. He is a registered professional engineer in California in three different engineering fields: civil, chemical, and mechanical engineering. He is also a registered environmental engineer in Taiwan.

Dr. Kuo is the Distinguished Professor of College of Engineering and Computer Science (2006), the Professor of the Year (2003-04) of the MESA Engineering Program, and CSUF Outstanding Teacher/Scholar in 2002 and 2005. His current externally-funded research projects include "Removal of Organics and Heavy Metals Using Nanoparticles" funded by Kennedy/Jenks Consultants, "Evaluation of Disinfection Technologies for Wastewater Treatment" funded by Water Environment Research Foundation, and "Technological Options for Reducing Non-CO<sub>2</sub> Greenhouse Gas Emissions" funded by California Air Resources Board. He also actively participates in the wastewater research projects at the Los Angeles County Sanitation Districts.

Some Recent Technical Publications:1). **Kuo, J.** (2008) "Clearinghouse of Technological Options for Reducing Anthropogenic Non-CO<sub>2</sub> Greenhouse Gases Emissions from All Sectors", State of California Air Resources Board, Contract No. CARB 05-328, Sacramento, CA (249 pages). 2). Leong, L.; **Kuo, J.**; Tang, C.-C. (2008) "Disinfection of Wastewater Effluent—Comparison of Alternative Technologies", Water Environment Federation, Contract No. 04-HHE-4, Alexandria, VA (329 pages). 3). Ganesh, R.; Liu, B., Leong, L.Y.C.; **Kuo, J.**; Jain, M. (2007) "Removal of Organic and Inorganic Contaminants from Water Using Ferric Oxide Nanoparticles", *J. Nature Science & Sustainable Technology*, V. 1(4). 4).Tang, C.-C.; **Kuo, J.**; Weiss, J.S. (2007) "Maximum Nitrogen Removal in the Step-feed Activated Sludge Process", *Water Environ. Res.* V. 79 (4), p. 367-374. 5).**Kuo, J.**; Kanada, M. (2007) "Disinfection and Antimicrobial Process", *Water Environ. Res.* V. 79(10), p. 1474-1495. 6). **Kuo, J.**; Tan, C.-C.; Huitric, S.-J. (2007) "Evaluation of Alternatives for Reclaimed Water Disinfection", *Proc. 11<sup>th</sup> Mainland Taiwan Environmental Protection Conference*, Harbin, China, June 8-12.