

Special Issue on Advances in Research and Development of Sustainable Environmental Technologies

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Respected and renowned for his many years of work in environmental science and engineering, Professor C. P. Huang is currently the Donald C. Phillips Professor at the University of Delaware. During his 40 years in academia, he has nurtured numerous bright young minds from all over the world. The *Journal of Environmental Engineering* dedicates this issue to honor his achievements.

Professor C. P. Huang was born in Changhua County, Taiwan. After receiving his bachelor's degree in civil engineering from the National Taiwan University, he undertook graduate studies at Harvard University with Professor Werner Stumm, widely considered the father of aquatic chemistry. Huang's achievements in surface chemistry are recognized worldwide, and his hundreds of publications include studies widely considered to be seminal in the area of adsorption. By focusing his profound knowledge of surface chemistry on contaminant, treatment, and remediation technologies, he has greatly expanded the horizons of environmental engineering. Recently, he has dedicated his efforts to breakthrough

research in the application of nanotechnology to environmental remediation.

Huang's pioneering work in diversified divisions of environmental science and technology has inspired several generations of young scholars. He has served as supervisor and mentor of many young scientists in the areas of environmental science and engineering at the University of Delaware, including 37 doctoral and more than 60 master's students. He has collaborated with many environmental engineers and scientists and has served as the host of dozens of visiting scholars from many countries. He routinely teaches short- and long-term courses, contributes to a variety of workshops, and has organized many international environmental conferences both in the United States and in other countries, including China, Hong Kong, Taiwan, Korea, Germany, and Switzerland.

Over the years, Professor Huang's research has been supported by university, federal, and state agencies; industry; and foundations. The results of his work have been documented in five books, 31 book chapters, and more than 200 journal papers, as well as in hundreds of technical reports and conference presentations.

This issue of the *Journal of Environmental Engineering* honors professor Huang's contributions to the development of environmental science and engineering, particularly his unremitting efforts to bring outstanding scholars and researchers into new fields of research that have advanced the integration of environment-related disciplines with emerging concepts in sustainability.

We sincerely thank all the authors for contributing articles to this special issue, all the reviewers who provided their valuable comments during the peer-review process, the *Journal of Environmental Engineering* publication staff for their dedicated service, and the *Journal of Environmental Engineering* editor-in-chief, Dr. Raymond A. Ferrara, for his strong support in the development of the special issue.