



## Editorial

This special issue of the *Desalination and Water Treatment* journal is dedicated to the ule2009/International Workshop on Urbanisation, Land Use, Land Degradation and Environment which was held on 28th September 2009–1st October 2009 in Denizli, Turkey. This international workshop is jointly organized by the Centre for Science and Technology of the Non-Aligned and Other Developing Countries (NAM S&T Centre), the Scientific and Technological Research Council of Turkey (TÜBİTAK) and Pamukkale University to bring together the expert scientists, researchers, academicians and policy makers who are engaged in the work on urbanisation, land degradation, land use, and environment.

In this issue, 31 papers in total, spanning a wide spectrum of scientific contributions were selected and reviewed. The authors and guest editors expect that this issue should provide an overview of recent works done in environmental pollution monitoring and control and fulfil scientific gaps emphasized in many publications.

The guest editors would like to thank all colleagues for their valuable contributions to this special issue and express their appreciation to the Editor, Miriam Balaban, Associated Editor, Prof. Dr. Vincenzo Belgiorno for providing this opportunity and Prof. Dr. Süreyya Meriç Pagano for her kind helps during peer-review process.

### Guest Editors:

*Huseyin Selcuk, Associate Professor, Department of Civil Engineering, Istanbul University Istanbul, Turkey*

Huseyin Selcuk is presently Associate Professor at Department of Environmental Engineering of the Istanbul University. In 2001, he was visiting researchers at Environmental Chemistry and Technology Program in Water Chemistry Laboratory at the University of Wisconsin Madison. He received his PhD degree in 2004 from Environmental Engineering Science of Istanbul Technical University. Just after his PhD work, he participated in many international research projects such as EU Cost, EU LEONARDO DA VINCI, NATO Collaborative Linkage Grant, *MIUR*, *Italian international collaborative* research projects.

He involved in the editing of a book for NOVA Science Publishers Inc., NY, USA “*Advances in Control of Disinfection By-Products in Drinking Water Systems*”. He has developed expertise in disinfection-disinfection by-products, advanced treatment of water and wastewater, reuse of industrial wastewater. Since 2003, he has published 26 papers (SCI index) and many presentations at the international venues. He was appointed as the co-chair of the International Workshop on Urbanization, Land Use, Land Degradation and Environment 28th September 2009–1st Oct 2009 (<http://ule2009.pau.edu.tr>) as the subject of this special issue.

*Ebru Dulekgurgen, Assistant Professor, Environmental Engineering Department, Istanbul Technical University, Maslak 34469, Istanbul, Turkey*

Ebru Dulekgurgen received her BSc degree in Environmental Engineering from Istanbul Technical University (ITU, Turkey) in 1993 and her MSc in Environmental Science and Engineering from University of Illinois at Urbana-Champaign (UIUC, IL, USA) in 1997. She served as a teaching and research assistant at Pamukkale University (PAU) between 1997–1999 and at ITU between 1999–2007. She was a visiting scholar at the Lehrstuhl und Versuchsanstalt für Wassergüte und Abfallwirtschaft at Technical University of Munich (TUM, Germany) in 2003 on a NATO A-2 scholarship and a visiting researcher at the Civil and Environmental Engineering Department at UIUC (IL; USA) in 2004. She received her PhD in 2006 in Environmental Engineering from ITU. Between 2007 and 2010, she served as a faculty member, head of the Environmental Sciences Division, and Departmental ERASMUS and International Relations Coordinator of the Environmental Engineering Department at PAU. She is currently enrolled as an assistant professor at the Environmental Engineering Department at ITU. She has been involved in several national and international projects including those funded by EU, TÜBİTAK (Scientific and Technological Research Council of Turkey), DPT (State Planning Organization), etc., published in peer-reviewed journals, served as a referee in several SCI journals. She was a

member of the organization committee and then the general secretary of the national symposium series of Industrial Pollution Control in 2000 and 2008, respectively. In 2009, she served as the general secretary of the “2009-International Workshop on Urbanization, Land Use, Land Degradation, and Environment” (28 September

2009–1 October 2009, Denizli, Turkey). Her research interests include environmental biotechnology, aerobic granular activated sludge technologies, Enhanced Biological Phosphorus Removal, particle size distribution analyses, application of advanced molecular techniques in environmental science and engineering.