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EDITORIAL

Special issue on the Challenges in Environmental Science and Engineering—CESE-2012 9–13 September 2012, RACV City Club, Melbourne, Australia

This special issue carries selected peer-reviewed manuscripts based on the presentations made at CESE-2012, the Fifth Annual International Conference on "Challenges in Environmental Science & Engineering", CESE Conference Series that was held from the 9th to the 13th of September 2012 at the RACV City Club in Melbourne, Australia.

This special issue has been dedicated to the following themes. The Membrane Technology theme covers research on membrane treatment for smart water grid, membrane fouling, membrane fabrication, trace organic removal using nano-filtration and pressure-retarded osmosis for energy generation. Adsorption and ion exchange includes trace organic contaminants, adsorption and oxidation hybrid system and purolite ion exchange resin. Biological treatment involves nutrients removal, treatment of water produced from coal seam gas, membrane bioreactor and biofilm investigation. Oxidation process is used to remove bisphenol-A, odourous organic pollutants and membrane-coupled oxidation. Water quality from Nanshih River, Taiwan and other water sources is investigated. Climate change, air pollution and water management are also covered in this special issue.

The Guest Editors are thankful to the Editor of Desalination and Water Treatment, Professor Miriam Balaban for providing an opportunity to publish this special issue. Our sincere appreciation to all the reviewers for their rigorous review of manuscripts submitted for the special issue. We look forward to another special issue in Desalination and Water Treatment for CESE-2013 which will be held from the 29 October 2013 to the 2 November 2013 in Daegu, South Korea.

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