

This article was downloaded by:

On: 25 January 2011

Access details: *Access Details: Free Access*

Publisher *Taylor & Francis*

Informa Ltd Registered in England and Wales Registered Number: 1072954 Registered office: Mortimer House, 37-41 Mortimer Street, London W1T 3JH, UK



## Separation Science and Technology

Publication details, including instructions for authors and subscription information:

<http://www.informaworld.com/smpp/title~content=t713708471>

### Preface

**To cite this Article** (2007) 'Preface', Separation Science and Technology, 42: 7, 1379

**To link to this Article:** DOI: 10.1080/01496390701285706

**URL:** <http://dx.doi.org/10.1080/01496390701285706>

PLEASE SCROLL DOWN FOR ARTICLE

Full terms and conditions of use: <http://www.informaworld.com/terms-and-conditions-of-access.pdf>

This article may be used for research, teaching and private study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.

The publisher does not give any warranty express or implied or make any representation that the contents will be complete or accurate or up to date. The accuracy of any instructions, formulae and drug doses should be independently verified with primary sources. The publisher shall not be liable for any loss, actions, claims, proceedings, demand or costs or damages whatsoever or howsoever caused arising directly or indirectly in connection with or arising out of the use of this material.

## Preface

This special issue of Separation Science and Technology entitled “*Advanced Oxidation Processes for Environmental Remediation: Process Integration*” consists of 21 selected and original contributions, presented as oral or poster papers during the *1st European Conference on Environmental Applications of Advanced Oxidation Processes (EAAOP-1)* held in Chania (Crete, Greece) from 7 to 9 September 2006 and co-organized by the Technical University of Crete and the Aristotle University of Thessaloniki, Greece. The Conference, although “European,” brought together scientists, engineers, and other environmental professionals from 30 countries all over the world (including Europe, North and South America, Australia, and Asia) to present and discuss timely research, concerning the application of Advanced Oxidation Processes (AOPs) for water, wastewater, soil, and air treatment and remediation. Over 290 oral and poster presentations as well as five plenary lectures, presented by eminent researchers in this interesting scientific field, were scheduled in a hectic 3-day intensive program.

The focus of this special issue is on the use of AOPs alongside other technologies, such as membrane separation, coagulation-flocculation, activated carbon adsorption, and several others for water, wastewater treatment, and soil remediation. Process integration is conceptually advantageous as it can overcome the drawbacks associated with each individual treatment process, thus offering an improved and a cost-effective treatment performance. In this view, several combined treatment schemes are proposed and examined/applied, based on coupling AOPs to various physical, chemical, and biological technologies.

We wish to thank the Executive Editor of the Journal, Dr. Steven Cramer, as well as his editorial assistant Ms. Bonnie Cramer, for their invaluable assistance in preparing this special issue. We are also indebted to all the reviewers who helped making this issue an important reference material.

*Guest Editors:*

*Dr. Anastasios Zouboulis,  
Assoc. Professor, AU-Thessaloniki (Corresponding)*

*Dr. Dionissios Mantzavinos,  
Assoc. Professor, TU-Crete*

*Dr. Ioannis Poullos Professor,  
AU-Thessaloniki*