
Contents

**SPECIAL ISSUE: SPECIAL ISSUE FROM THE FOURTH INTERNATIONAL
CONFERENCE ON ENVIRONMENTAL SCIENCE
AND TECHNOLOGY**

Guest Editors: Prof. Walter Leal Filho and Prof. George Sorial

- 1 **Preface**
Walter Leal Filho and George Sorial
- 3 **Trends and challenges in the energy sector of Romania in the post-accession
to the European Union**
*Diana-Mihaela Pociovălișteanu, Eleftherios Thalassinos, Aurelian Țircă and
Walter Leal Filho*
- 16 **Responses of the urban roadside trees to traffic environment**
H.E. Li, B.T. Li and S.F. Lan
- 27 **An assessment of environmental conditions for control of downy brome
by *Pseudomonas fluorescens* D7**
A. Mark Ibekwe, Ann C. Kennedy and Tami L. Stubbs
- 47 **Strategies for implementation of Environmental Management Systems
in different organisations**
Patrícia J. Abreu and M. Helena G.A.G. Nadais
- 56 **Ecological checkout: a sustainable initiative in Curitiba, Paraná, Brazil**
Dulce M. Albach, R.H.M. Godoi and Ana Flavia L. Godoi
- 67 **Functional role of microarthropods in nutrient cycling
of mangrove-estuarine ecosystem of Midnapore coast of West Bengal, India**
M.K. Dey, A.K. Hazra and S.K. Chakraborty
- 85 **Organic matter biodegradation and metal behaviour in contaminated
freshwater sediments**
*Socorro Pedroza-Benítez, Anne-Laure Bussy, Icela D. Barceló-Quintal,
Edgar López-Galván and Pedro Avila-Pérez*
- 95 **Green business among certified companies in Malaysia towards
environmental sustainability: benchmarking on the drivers, initiatives
and outcomes**
Tarig Khidir Eltayeb, Suhaiza Zailani and Walter Leal Filho