



**“GHEORGHE ASACHI” TECHNICAL UNIVERSITY OF IAȘI
FACULTY OF CHEMICAL ENGINEERING AND ENVIRONMENTAL
PROTECTION**

***DEPARTMENT OF ENVIRONMENTAL ENGINEERING
AND MANAGEMENT***

and

***INTERNATIONAL INSTITUTE OF INDUSTRIAL
ENVIRONMENTAL ECONOMICS***

LUND UNIVERSITY, SWEDEN

in co-operation with:

**Academic Organisation for Environmental Engineering and Sustainable Development
InterMEDIU Information, Consultancy and ODL Department**

3rd INTERNATIONAL CONFERENCE

**ENVIRONMENTAL ENGINEERING
AND MANAGEMENT**

ICEEM 03

CONFERENCE PROGRAM

September 21 – 24, 2006, Iasi, ROMANIA



Conference Chairmen:

Prof.dr.ing. Matei Macoveanu Technical University of Iasi, Romania	Prof.dr.ing. dr.h.c. Thomas Lindhqvist IIIEE, Lund University, Sweden
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International Scientific Committee:

Prof.dr.ing. Valentin Popa <i>Technical University of Iasi, Romania</i>	Prof.dr.ing. Ravi Jain <i>University of the Pacific, USA</i>
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Prof.dr.ing. Carmen Teodosiu <i>Technical University of Iasi, Romania</i>	Prof.dr. Phil Nyden <i>Loyola University of Chicago, USA</i>
Prof.dr.ing. Michael S. Jorgensen <i>Technical University of Denmark</i>	Assoc.Prof.dr. Eugenio Campos Ferreira <i>University of Minho, Portugal</i>
Prof.dr.ing. Maria Gavrilescu <i>Technical University of Iasi, Romania</i>	Prof.dr.ing. Ilie Siminiceanu <i>Technical University of Iasi, Romania</i>
Prof.dr.ing. Han Brezet <i>Delft University of Technology, the Netherlands</i>	Prof.dr. Yusuf Chisti <i>Massey University, New Zealand</i>
Prof.dr.ing. Ion Untea <i>Politehnica University of Bucharest, Romania</i>	Prof.dr. David Hall <i>University of Liverpool, United Kingdom</i>
Prof.dr.ing. Gabriel Luca <i>Technical University of Iasi, Romania</i>	

Conference Secretariat:

dr.ing. Brandusa Robu	drd.ing. George Barjoveanu
drd.biol. Camelia Betianu	drd.ing. Lucian Pavel
drd.ing. Adela Haleta	dr.ing. Irina Volf
drd.ing. Daniela Teleman	dr.ing. Laura Bulgariu
drd.ing. Catalin Balan	Ionut Caraene



CONFERENCE PROGRAM

Wednesday, September 20, 2006

15 ⁰⁰ - 19 ⁰⁰	Registration and Poster display	Orizont Hall, Faculty of Chemical Engineering and Environmental Protection Blvd. D. Mangeron, no. 71A, Iasi
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Thursday, September 21, 2006

8 ⁰⁰ - 9 ³⁰	Registration and Poster display	Orizont Hall, Faculty of Chemical Engineering and Environmental Protection Blvd. D. Mangeron, no. 71A, Iasi
10 ⁰⁰ - 10 ⁴⁵	Opening Ceremony	New Senate Hall (Rectorate Building) Blvd. D. Mangeron, no. 67, Iasi
10 ⁴⁵ - 11 ²⁰	Coffee break	
11 ²⁰ - 13 ⁰⁰	Parallel Sessions of ICEEM / 03	<ol style="list-style-type: none"> 1. <i>Environmental Engineering – Environmental Pollution and Monitoring</i> 2. <i>Environmental Management – Environmental Impact and Life Cycle Assessment</i>
13 ⁰⁰ - 14 ³⁰	Lunch	
14 ³⁰ - 16 ⁰⁰	Parallel Sessions of ICEEM/03	<ol style="list-style-type: none"> 3. <i>Environmental Engineering – Water Supply and Wastewater Treatment</i> 4. <i>Environmental Engineering – Environmental Modelling, Simulation and Optimization</i>
16 ⁰⁰ - 16 ²⁰	Coffee break	
16 ²⁰ - 17 ³⁰	Parallel Sessions of ICEEM/03	<ol style="list-style-type: none"> 5. <i>Environmental Engineering – Solid Waste Management</i> 6. <i>Poster Presentations</i>
20 ⁰⁰	Gala dinner	

Friday, September 22, 2006

Faculty of Chemical Engineering and Environmental Protection, Blvd. D. Mangeron, no. 71A, Iasi
Professorial Council Room and CH III Room

9 ³⁰ - 11 ⁰⁰	Parallel Sessions of ICEEM / 03	<ol style="list-style-type: none"> 7. <i>Environmental Engineering – Environmental Pollution and Monitoring</i> 8. <i>Environmental Management – Sustainable Production and Consumption</i>
11 ⁰⁰ - 11 ³⁰	Coffee break	
11 ³⁰ - 13 ⁰⁰	Parallel Sessions of ICEEM / 03	<ol style="list-style-type: none"> 9. <i>Environmental Engineering – Water Supply and Wastewater Treatment</i> 10. <i>Environmental Engineering – Air Pollution</i>
13 ⁰⁰ - 14 ³⁰	Lunch	
14 ³⁰ - 16 ⁰⁰	Parallel Sessions of ICEEM / 03	<ol style="list-style-type: none"> 11. <i>Environmental Management – Environmental Integrated Management and Risk Management</i> 12. <i>Environmental Engineering – Water Supply and Wastewater Treatment</i>



16⁰⁰ – 16²⁰	Coffee break	
16²⁰ – 17³⁰	Parallel Sessions of ICEEM / 03	13. Environmental Pollution Prevention 14. Poster presentations
20⁰⁰	Cocktail	

Saturday, September 23, 2006

New Senate Hall (Rectorate Building)

Blvd. D. Mangeron, no. 67, Iasi

10⁰⁰ – 10⁴⁵	Plenary Closing Ceremony of ICEEM / 03	
11⁰⁰	Doctor Honoris Causa Award Ceremony for Prof.dr.eng. Yusuf Chisti University of Massey, New Zealand	



DETAILED CONFERENCE PROGRAM

SEPTEMBER 21st 2006

8 ⁰⁰ - 9 ³⁰	Registration and Poster display	Orizont Hall, Faculty of Chemical Engineering and Environmental Protection Blvd. D. Mangeron, no. 71A, Iasi
10 ⁰⁰ - 10 ⁴⁵	Opening Ceremony	New Senate Hall (Rectorate Building), Blvd. D. Mangeron, no. 67, Iasi
	Welcome address: Prof. Dr. Eng. Matei Macoveanu	Conference Chairman, head of the Department of Environmental Engineering and Management
	Prof. Dr. Eng. Thomas Lindhqvist	Conference Chairman, International Institute of Industrial, Environmental Economics
	Prof.dr.eng. Nicolae Badea	Rector of the "Gheorghe Asachi" Technical University of Iasi
	Prof.dr.eng Ion Balasanian	Dean of the Faculty of Chemical Engineering and Environmental Protection
	Prof.dr.eng. Carmen Teodosiu	Department of Environmental Engineering and Management
	Prof.dr.eng. Maria Gavrilescu	Department of Environmental Engineering and Management
10 ⁴⁵ - 11 ²⁰	Coffee break	

Parallel Session 1 - Environmental Engineering – Environmental Pollution and Monitoring

Chairperson: **Valentin I. Popa**

11 ²⁰ – 11 ⁴⁰	Yusuf Chisti	Microalgae as sustainable cell factories Key note lecture
11 ⁴⁰ – 11 ⁵⁰	Cezar Catrinescu , Cesar Fernandes, Paula Castilho, Christopher Breen, Manuela Carrott	Porto Santo Clays As Environmentally Friendly Catalysts For The Conversion Of Renewable Terpene Feedstocks. Limonene Aromatization To P-Cymene
11 ⁵⁰ – 12 ⁰⁰	Cindy Bassompierre , Agnès Guillet, Marc Arousseau, Catherine Cadet, Jean-François Béteau, Fernanda Lenzi	Paper mill wastewater treatment: off line measurement correlations for monitoring
12 ⁰⁰ – 12 ¹⁰	Ingrid Bucişcanu , Melinda Pruneanu, Vasilica Maier, Stelian Maier	Improved Fe-based prehydrolyzed coagulants
12 ¹⁰ – 12 ²⁰	Doina Bilba, Gabriela Moroi, Nicolae Bilba	Copper (II) and mercury (II) retention properties of a polyacrylamidoxime chelating fiber
12 ²⁰ – 12 ³⁰	Tatiana Yuzhakova , Ákos Rédey, Monica Caldararu, Aline Auroux, Mariana Carata, Georgeta Postole, Cristian Hornoiu, Heider Nasser	Study of Pt/Sn-Al catalyst for environmental application
12 ³⁰ – 12 ⁴⁰	Turchean Petisleam, Elisabeta Chirilă , Ionela Carazeanu Popovici and Zoe Caradima	New results about the determination of Cd, Cu, Fe, Mn, Pb and Zn in the Black Sea ecosystem by ICP - MS



12 ⁴⁰ – 12 ⁵⁰	Mariana Dobra , Vasile Viman	Determination of the Concentration of Heavy Metals in Soil and Plants by Inductively Coupled Plasma-Atomic Emission Spectrometry
12 ⁵⁰ – 13 ⁰⁰	Alessandra Z.Santos ; Diane C. Lenhard; Célia R. G.Tavares; Sandra M. Gomes-da-Costa	Textile effluent and dyes decoloration by laccase and fungus
13 ⁰⁰ – 14 ³⁰	Lunch	

Parallel Session 2 - Environmental Management – Environmental Impact and Life Cycle Assessment

Chairperson: Dr.eng. **Andrius Plepys**

11 ²⁰ – 11 ⁴⁰	Harri Moora , Åsa Stenmarck, Jan-Olov Sundqvist	Use of Life Cycle Assessment as decision-support tool in waste management planning – optimal waste management scenarios for the Baltic States Key note lecture
11 ⁴⁰ – 11 ⁵⁰	Brindusa Robu , Victor Petruc, Matei Macoveanu	Comparative evaluation of impact induced in environment by a refinery
11 ⁵⁰ – 12 ⁰⁰	Eugenia Tigan, Oana Brinzan	Ecological Footprint Study Case – Arad County in Regional Development Context
12 ⁰⁰ – 12 ¹⁰	Constantin Huțupaș , Mihai Nicu, Fănel Apostu, Camelia Zetu	Aspects regarding the impact of milk processing industry on the environment I. The impact caused by CAMYLACT SV LTD
12 ¹⁰ – 12 ²⁰	Marco Pasetto , Andrea Manganaro	Mitigation by green of road infrastructures
12 ²⁰ – 12 ³⁰	Daniela Claudia Serban	Overview of LCA grounded theory approach
12 ³⁰ – 12 ⁴⁰		
12 ⁴⁰ – 12 ⁵⁰		
12 ⁵⁰ – 13 ⁰⁰		
13 ⁰⁰ – 14 ³⁰	Lunch	

Parallel Session 3 - Environmental Engineering – Water Supply and Wastewater Treatment

Chairperson: Prof.dr.eng. **Georgeta Burtica**

14 ³⁰ – 14 ⁵⁰	Carmen Teodosiu	Wastewater treatment and recycling in the pulp and paper industry- an integrated approach Key note lecture
14 ⁵⁰ – 15 ⁰⁰	Elisabeta Chirilă , Ionela Carazeanu Popovici, Techn Ibadula, Alice Iordache	Studies regarding municipal wastewater treatment processes' performances
15 ⁰⁰ – 15 ¹⁰	Constantin Bobirică , Liliana Bobirică, Cristina Costache	Dissolved air flotation applicated at chrome removal from waste solution
15 ¹⁰ – 15 ²⁰	Ecaterina Stela Dragan , Luminita Ghimici, Marcela Mihai	Pollutants removal with synthetic polycations and their complexes
15 ²⁰ – 15 ³⁰	George Barjoveanu , Carmen Teodosiu, Florina Ungureanu	Modelling and simulation for the prediction of ultrafiltration process performances in wastewater treatment
15 ³⁰ – 15 ⁴⁰	Carmen Teodosiu, Irina Volf,	Technical and economical evaluation of



	Luminita Lupu	selecting the recycling wastewater process alternatives;
15 ⁴⁰ – 15 ⁵⁰	Florina Ungureanu , Marcelin Iulian Balaşca	Sensor Networks in Waste Water Treatment Monitoring
15 ⁵⁰ – 16 ⁰⁰	Elena Bobu, Dan Gavrilesco	Reducing Liquid Effluent in Papermaking: Preventive Solutions
16 ⁰⁰ – 16 ²⁰	Coffee Break	

Parallel Session 4 - Environmental Engineering – Environmental Modelling, Simulation and Optimization

Chairperson: Prof.dr.eng. Maria Gavrilesco

14 ³⁰ – 14 ⁴⁰	Ion Giurma , Ioan Crăciun, Catrinel-Raluca Giurma	Modeling of the environmental impact of complex storage lakes Key note lecture
14 ⁴⁰ – 14 ⁵⁰	Daniela Teleman , Ion Balasarian, Carmen Teodosiu,	Mathematical modelling of mass transport through a pervaporation membrane
14 ⁵⁰ – 15 ⁰⁰	Oana-Marlena Penciu , Ivo Mueller, Eugeny Kenig, Maria Gavrilesco	Investigation of cost and energy demands in ternary distillation systems using rate-based approach
15 ⁰⁰ – 15 ¹⁰	Carmen Zaharia , Rodica Diaconescu, Mioara Surpăţeanu	Optimization study of an wastewater chemical treatment with ponilit gt-2 anionic polyelectrolyte
15 ¹⁰ – 15 ²⁰	Taspinar Fatih , Durmusoglu Ertan, Karademir Aykan	Air dispersion modeling of VOCs emitted from MSW landfills
15 ²⁰ – 15 ³⁰	Shi Li , Catherine Cadet, Pierre-Xavier Thivel, Françoise Delpech	Dynamic modelling for sludge combustion control
15 ³⁰ – 15 ⁴⁰	Hsie Tung-Shen	A Geo-Based Modelling and Management Tool for Determining Urban Morphology and Natural Ventilation Potentials
15 ⁴⁰ – 15 ⁵⁰	Angelica Kicsi , Cornel Cojocar, Matei Macoveanu, Doina Bilba	Optimization of batch process variables using response surface methodology for Cu ²⁺ removal from aqueous solution by peat adsorbent
15 ⁵⁰ – 16 ⁰⁰		
16 ⁰⁰ – 16 ²⁰	Coffee Break	

Parallel Session 5 - Environmental Engineering – Solid Waste Management

Chairperson: Prof.dr.eng. Rodica Stănescu

16 ²⁰ – 16 ³⁰	Omran Abdelnaser , Mahmood Abdullah, Abdul Aziz Hamidi	To recycle or not to recycle? A study of household attitude toward recycling of solid wastes in Malaysia: a case study of Perlis State
16 ³⁰ – 16 ⁴⁰	Boško Josimović , Jasna Petrić,	First regional landfill in Serbia – location choice
16 ⁴⁰ – 16 ⁵⁰	Neel Stroeback, Stela Dezsy	Management of Obsolete Pesticide Cleanup in Romania
16 ⁵⁰ – 17 ⁰⁰		
17 ⁰⁰ – 17 ¹⁰		
17 ¹⁰ – 17 ²⁰		
17 ²⁰ – 17 ³⁰		



17³⁰ – 17⁴⁰

17⁴⁰ – 17⁵⁰

16²⁰ – 17³⁰ *Parallel Session 6 - Poster Presentations*

20⁰⁰ *Gala Dinner*



September 22nd, 2006

Parallel Session 7- Environmental Engineering – Environmental Pollution and Monitoring

Chairperson: Assoc.prof.dr.eng. Igor Crețescu

9 ³⁰ – 9 ⁵⁰	Valentin I. Popa , Irina Volf	Green Chemistry and Sustainable Development Key note lecture
9 ⁵⁰ – 10 ⁰⁰	Florian Stătescu , Dorin Cotiușcă-Zaucă	Heavy Metal Soil Contamination
10 ⁰⁰ – 10 ¹⁰	S. Dobrinas, A. Soceanu , S. Birghila, M. Belc	Determination of Some Essential Elements in Different Types of Romanian Floral and Non-Floral Bee Honeys and Propolis
10 ¹⁰ – 10 ²⁰	Valeriu Petrovici, Simona Nicoleta Urdea, Judith Kinga David, Oana-Andreea Pîrnuță	Research Studies Concerning the Formaldehyde Emission of Plywood Using the Flask Method
10 ²⁰ – 10 ³⁰	Emmanuel Gauthier , Cécile Boyer, Pierre-Xavier Thivel, Françoise Delpech, Jean-Claude Roux	Experimental study of odorous ester photocatalysis
10 ³⁰ – 10 ⁴⁰	Alina Agafiței , Matei Macoveanu, Marius Agafiței	Monitoring of the eutrophication phenomenon. Evolution in the “Izvoru Muntelui” storage lake
10 ⁴⁰ – 10 ⁵⁰	Lucia Dumitrescu, Ileana Manciulea	Graft copolymerization of calcium lignosulfonate with acrylonitrile
10 ⁵⁰ – 11 ⁰⁰		
11 ⁰⁰ – 11 ³⁰	Coffee break/Book Presentation	

Parallel Session 8 - Environmental Management – Sustainable Production and Consumption

Chairperson: Prof.dr.eng. dr.h.c. Thomas Lindhqvist

9 ³⁰ – 9 ⁵⁰	Jean-Philippe Boutin , Giulia Gervasoni, Robert Hlep, Kristin Seyboth, Patrick Lamers, Marko Ratton, Kes McCormick, Luis Mundaca, Andrius Plepys	Alternative energy sources in transition countries. The case of bio-energy in Ukraine Key note lecture
9 ⁵⁰ – 10 ⁰⁰	Slavka Zekovic	Planning the industrial development and environment in Serbia
10 ⁰⁰ – 10 ¹⁰	Adriana Budeanu , Ake Thidell	Voluntary Environmental Reporting In Romania
10 ¹⁰ – 10 ²⁰	Charlotte Leire	The application of green purchasing tools in the corporate sector
10 ²⁰ – 10 ³⁰	Marina Nenković , Mila Pucar,	Aarhus Convention aims in energy management in Serbia
10 ³⁰ – 10 ⁴⁰	Lars Hansson	The Role of Socio-Economic Analysis in Environmental Policy Making
10 ⁴⁰ – 10 ⁵⁰		
10 ⁵⁰ – 11 ⁰⁰		
11 ⁰⁰ – 11 ³⁰	Coffee break/Book Presentation	

Parallel Session 9 - Environmental Engineering – Water Supply and Wastewater Treatment



Chairperson: Prof.dr.eng. Carmen Teodosiu

11 ³⁰ – 11 ⁴⁰	Mok Young Sun	Purification of dyeing wastewater by using electrical discharge plasma
11 ⁴⁰ – 11 ⁵⁰	Nittaya Pasukphun , Soydoa Vinitnantharat, Gheewala H. Shabbir	Performances and Kinetic Characteristics of Unacclimatized and Acclimatized Activated Sludge for Reactive Azo Dyes Removal from Simulated Textile Wastewater
11 ⁵⁰ – 12 ⁰⁰	Khalil Nadeem , Mittal Atul Kumar, Raghav Ashok Kumar, Sinha Rajeev	UASB technology for sewage treatment in India: 20 years experience
12 ⁰⁰ – 12 ¹⁰	Priyanka Jamwal, Atul K. Mittal , J. M. Mouchel	Study of the effect of different factors on fate of indicator micro-organisms in urban sewer systems
12 ¹⁰ – 12 ²⁰	Anca Florentina Caliman , Apostolis Antoniadis, Ioannis Poullos, Matei Macoveanu	Kinetic study on heterogeneous photocatalytic degradation of reactive orange 16 into a slurry reactor
12 ²⁰ – 12 ³⁰	Ion Mirel, Mihaela-Ana Mitrașcă , Emilia-Valentina Pantea, Daniela-Mariana Abrudan	The geothermal water treatment for water and energy resources conservation
12 ³⁰ – 12 ⁴⁰	Zinatizadeh, A. A. L., Mohamed A. R. , Mashitah, M. D., Abdullah, A. Z., Hasnain Isa, M.	Effects of organic loading rate on palm oil mill effluent treatment in an up-flow anaerobic sludge fixed film bioreactor
12 ⁴⁰ – 12 ⁵⁰	Ilie Siminiceanu , Ioan Lucian Cotet	Exergy consumption mitigation in the electro dialysis of the ammonium sulfate aqueous solutions
12 ⁵⁰ – 13 ⁰⁰	Shukla Sudheer Kumar, Dubey Amit, Tripathi Prerana, Misra Dr. S. M, Pandey Mukesh, Vivek Kumar	Treatment of Municipal Sewage by the Combination of Anaerobic and Facultative Treatment Process – A Case Study
13 ⁰⁰ – 14 ³⁰	Lunch	

Parallel Session 10 - Environmental Engineering – Air Pollution

Chairperson: Prof.dr.eng. Ion Untea

11 ³⁰ – 11 ⁴⁰	Eduard Emil Iojoiu , Anne-Giroir Fendler	Nitrogen oxide reduction by propene over Ir-MCM-41 catalysts
11 ⁴⁰ – 11 ⁵⁰	Nastro Valentina, Niceforo Giancarlo, De Luca Pierantonio	Radon Indoor Case-Studies Of Two Hospital Buildings
11 ⁵⁰ – 12 ⁰⁰	Stela Dezsy ; Cristina Miclaus; Mihai Nicu	Rainfalls – vector of air pollution transport
12 ⁰⁰ – 12 ¹⁰	Heider Nasser , Ákos Rédey, Tatiana Yuzhakova	Structure and thermal stability of ceria-doped Mo/Al ₂ O ₃ catalysts
12 ¹⁰ – 12 ²⁰	Monica Filice, Pierantonio De Luca , Danilo Vuono, Alfonso Nastro	Particulate matter: comparison between two bus fuels
12 ²⁰ – 12 ³⁰		
12 ³⁰ – 12 ⁴⁰		
12 ⁴⁰ – 12 ⁵⁰		
12 ⁵⁰ – 13 ⁰⁰		
13 ⁰⁰ – 14 ³⁰	Lunch	

Parallel Session 11 - Environmental Management and Risk Management



Chairperson: Assoc.prof. Mickael Backman

14 ³⁰ – 14 ⁴⁰	Nel Hannelie	An empirical analysis of environmental management and profitability in south african firms
14 ⁰ – 14 ⁵⁰	Renato Orsato	Competitive Environmentalism: Applying Competition Principles to Environmental Management
14 ⁵⁰ – 15 ⁰⁰	Inga Belmane	Ecodesign: first steps and experience in the Baltic States
15 ⁰⁰ – 15 ¹⁰	Georgeta Madalina Arama	Environmental Risk Prioritization In Management
15 ¹⁰ – 15 ²⁰	Mihaela Luminita Lupu , Nicoleta Oniciuc, Costache Rusu, Bogdan Rusu	Researches about knowledge and monitoring activities of environment issues in industrial companies
15 ²⁰ – 15 ³⁰	Dumitru Bulgariu , Laura Bulgariu, Iuliana Gabriela Breabăn	The natural risk potential – natural stability of the ground. Case study: Galata perimeter – Iasi city
15 ³⁰ – 15 ⁴⁰	Lin Ming-Chao , Wu Wan-Chen, Ou Jen-Chun	Risk assessment on copper intake from milkfish
15 ⁴⁰ – 15 ⁵⁰		
15 ⁵⁰ – 16 ⁰⁰		
16 ⁰⁰ – 16 ²⁰	Coffee Break	

Parallel Session 12 - Environmental Engineering – Water Supply and Wastewater Treatment

Chairperson:

14 ³⁰ – 14 ⁴⁰		
14 ⁰ – 14 ⁵⁰		
14 ⁵⁰ – 15 ⁰⁰		
15 ⁰⁰ – 15 ¹⁰		
15 ¹⁰ – 15 ²⁰		
15 ²⁰ – 15 ³⁰		
15 ³⁰ – 15 ⁴⁰		
15 ⁴⁰ – 15 ⁵⁰		
15 ⁵⁰ – 16 ⁰⁰		
16 ⁰⁰ – 16 ²⁰	Coffee Break	

Parallel Session 13 – Environmental Pollution Prevention

Chairperson: Prof.dr.eng. Ilie Siminiceanu

16 ²⁰ – 16 ³⁰	Ileana Ghita , Elisabeta Pena-Leonte, Aurelia Ballo, Cristiana Cosma, Ciprian Dumitrescu, Costel Bumbac	Foaming Causes and Control in Activated Sludge Wastewater Treatment Plants
16 ³⁰ – 16 ⁴⁰	Ecaterina Draghici , Cristiana Cosma, Laurentiu Dinu, Ileana Ghita, Andreea Moise, Lucian Constantin	Wastewater treatment for some fabrics of food industry
16 ⁴⁰ – 16 ⁵⁰	Rodica Pode , Eveline Popovici, Erika Reisz, Vasile Pode, Claudia Hristodor, Laura Cocheci	Sorption Equilibrium of Chromium (III) on Romanian Clays
16 ⁵⁰ – 17 ⁰⁰	Pant Anju, Mittal Atul	Selection of media for the recovery of



Salmonella and *Shigella* from treated
domestic wastewater

17⁰⁰ – 17¹⁰

17¹⁰ – 17²⁰

17²⁰ – 17³⁰

16²⁰ – 17³⁰ *Parallel Session 14 - Poster Presentations*

20⁰⁰ *Cocktail*



Saturday, 23rd of September 2006

New Senate Hall (Rectorate Building)

Blvd. D. Mangeron, no. 67, Iasi

10⁰⁰ - 10³⁰ Plenary Closing Ceremony of ICEEM / 03

11⁰⁰ Doctor Honoris Causa Award Ceremony for Prof.dr.eng. Yusuf Chisti
University of Massey, New Zealand



LIST OF POSTERS

Id. No.	Authors	Title
1.	S. J. Baptista ; E. F. S Camporese; D. D. Carvalho	Evaluation of biostimulation, bioaugmentation and the use of biosurfactant as treatment technique of clay soil contaminated with diesel oil
2.	Adriana Bebeșelea , Aniela Pop, Corina Orha, Cristian Danielescu, Florica Manea, Georgeta Burtica	Aspects regarding the wastewater treatment by electroflotocoagulation
3.	Camelia Betianu , Maria Gavrilăscu	Persistent Organic Pollutants in Environment: Inventory Procedures and Management in the Context of Stockholm Convention
4.	Liliana Bobirica , Liana Kreider, Alexandra Miron, Rodica Stanescu, Cristina Costache, Ignazio Renato Bellobono	<i>Photocatalytic oxidation of 1,4 chlorophenol on TiO₂ membranes,</i>
5.	Maria- Magdalena Bobu, Ilie Siminiceanu	Ciprofloxacin degradation in water by several advanced oxidation processes
6.	Dumitru Bulgariu , Laura Bulgariu, Constantin Rusu, Brândușă Robu	Decontamination of polluted soils with heavy metals by electrokinetic's methods (I)
7.	Camelia Căpățînă , Gheorghe Gămăneci, Cristinel Răcoceanu	Study Regarding the Valorization of Used Tyres in the Cement Oven
8.	Camelia Căpățînă , Cristinel Răcoceanu, Gheorghe Gămăneci	The Study of Air Pollution in the Area of <i>Targu Jiu</i> due to Emissions Generated by the Industrial Activities performed in the year 2005
9.	Elena - Doinita Carlig , Matei Macoveanu	Impact Assessment of Noise Cases Study: Recreation Area – Roman Municipal park”
10.	Letitia Cezar , Mihai Nicu	Aspects of the impact on the environment induced by the industrial activities in the city of Vaslui 3. The impact induced by SC. ULEROM S.A. Vaslui
11.	Elena Cical , Gergeta Burtică, Geza Gasparik, Adina Negrea, Lavinia Lupa, Floare Hotea	Contributions regarding the combined use of the coagulation reagents
12.	Yousefi Kebria Darush , Khodadadi Ahmad, Haghpažhooch Hasti, Farajzadeh Ahdie	Bioremediation of TPH-contaminated soil with municipal compost
13.	Mihai Dima , Doru Ciocan, Daniela Matei	Wastewater treatment plants - Gravel filter of wasters into a common basin (sand clearing basin and fat collector). Design aspects.
14.	Brăduț Dima	The thermal comfort in buildings - requirement of environmental management
15.	Aras Gezer , Bulent Keskinler, Anatholy Dimoglo	Electrodeposition of copper and silver from wastewater at flow-through porous electrodes
16.	Diana-Maria Ilie , Maria Gavrilăscu	Implementing the European legislation



Id. No.	Authors	Title
17.	Carmen Cătălina Ioan	regarding dangerous chemical and goods The Material Safety Data Sheet Place identity as a dimension of sustainable development and the incentive of sense of belonging to local values among young people
18.	Lavinia Lupa , Aurel Iovi, Petru Negrea, Adina Negrea, Gabriela Szabo	Recovery of zinc and iron from sludge resulted from thermal zinc coating
19.	Mihaela Luminita Lupu , Nicoleta Oniciuc, Costache Rusu	Developing an integrate board table in for organization environmental issues monitoring
20.	Vasile Meglei Oana Luciana Ghiorghita	Some aspects regarding the design , the execution and the exploitation of the small water consumption treatment and waste water treatment plants
21.	Vasile Meglei Oana Luciana Ghiorghita	Contributions to design conceptions and exploitation safety of the waste water treatment installations for small collectivities
22.	Marina Irina Merticaru	Biodegradability and ecotoxicity tests for paper sludge
23.	Cristina Miclaus ; Stela Dezszy; Mihai Nicu	Passive Samplers – Checking Method in the Air Quality Control Network
24.	Cornelia Muntean , Adina Negrea, Lavinia Lupa, Petru Negrea	Studies on the extraction of copper and zinc from sterile resulted in mining operations
25.	Bogdan Stefan Necula , Carmen Teodosiu	Stability of colloidal particles for electroless coating and environmental applications
26.	Virgiliu Dan Negrea Mariana-Dora Fortofoi, Lucian Ioan Rafan, Ileana Negrea	Sixth Environment Action Programme “ Environment 2010 : Our Future,Our Choice”
27.	Ioan Nema , Mihai Nicu	Evaluating the risks of the technologies for treating the green mud
28.	Florin Oprea , Magdalena Săndulescu	Phenol Removal from Wastewater and Sour Water Using Ion Exchange Adsorption
29.	Elisabeta Pasculete, Florentina Condrea , Corina Radulescu	The Future and the Hydrogen. Research Preoccupations In The Field
30.	Elisabeta Pasculete, Florentina Condrea , A Antonescu, Sorin Vladan	Updraft Gasifier for Agricultural Biomass Valorification
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