

Lucian P. GEORGESCU

List of Publications

Books

Soil Contamination & remediation technologies Handbook

Lucian P. Georgescu

Edition Pixell, 210 pag., ISBN: 2 9526367 0 2, EAN: 9782952636704, France, 2006

Glossary on Soil Pollution (English, French, Italian, Romanian)

Lucian P. Georgescu, Rodica Stanescu

Editor ECOZONE Iasi, 214 pages, ISBN 973-7645-04-9, 2006

Appreciating&Understanding Wine

Lucian P. Georgescu, Grant P. Holder

(The book has Cross disciplinary and Multicultural designators approved by the Core Curriculum Council). Editor Appalachian State University, Hubbard Center, NC, USA, 210 pages, 2006.

Inhibiting the free radical degradation in model systems by using natural substances

Lucian P. Georgescu

Ed. "Dunarea de Jos", Galati, Romania, 180 pages, ISBN 973-627-242-7, 2005

Atmosphere and Pollution

Lucian P. Georgescu

Editura Didactica si Pedagogica, Bucharest, ISBN 973-30-2166-0, CIP 9711/19.11.2003
Romanian National Library, 2003.

The impact of transposing EU Environment Protection Standards on Selected Romanian Industries

D. Manoleli, V. Platon, R. Stanescu, P. Prisecaru, L. P. Georgescu, J. Tilly,

European Institute of Romania, ISBN 973-86222-7-1, 2002

General Chemistry Problems,

Lucian P. Georgescu; A. Antemir, Ed. "Dunarea de Jos" Galati, ISBN: 973-8352-07-X, 2001

EMS in Factories. The introduction of Environmental Management Systems in the Metal Processing and Ceramic Industry in Romania and the Netherlands. Chemiwinkel

Report C94.Netherlands, ISBN 90-367-1-1343-9, 2000

General Chemistry,

Lucian P. Georgescu

210 pages, Evrika Publishing House, Braila, ISBN 973-9499-87-2, 1999

Chemistry for non-chemical specializations,

Lucian P. Georgescu

The University of Galati, 217 pages, 1998

**Scientific publications abroad and Communications
in international conferences and seminars**

Specific Diffusion using the Monte Carlo stimulation

G. Murariu; L. Georgescu; C. Iticescu; M. Dobre; V. Gogoncea; Journal of Environmental Protection and Ecology (**ISI**), 13, No 3A, p 2007–2012 (**2012**)

Small launcher enabled by Hybrid rocket motor technology

Lucian P Georgescu, Gabriel Murariu,, Florin Mingireanu, Ionut Mocanu (2012), 63rd International Astronautical Congress, Naples, Italy, October (**2012**) Copyright ©2012 by the International Astronautical Federation, IAC-12-C4.5.4

Contaminated sites in ROMANIA’S south-east region. Methods of risk identification and management

Lucian P. Georgescu, Daniel Ciobanu, Carmen Elena Sandu; Journal of Environmental Protection and Ecology (**ISI**), 13, No 3, 1527–1534 (**2012**)

Charge Density Evaluation for a Bosonic System in a Curved Space-Time

Gabriel Murariu, Lucian Georgescu, Mirela Voiculescu, Gheorghe Puscasu, and Bogdan Codres

AIP Conf. Proc. 1387, pp. 111-116; doi:<http://dx.doi.org/10.1063/1.3647061> (6 pages)
PHYSICS CONFERENCE TIM-10, 25–27 November 2010, AIP Conf. Proc. 1387, 111 (2011) (http://proceedings.aip.org/resource/2/apcpcs/1387/1/111_1?bypassSSO=1)

Ramjet thruster using ozonedissociation energy for high altitude

Lucian P Georgescu, Gabriel Murariu,, Florin Mingireanu, Ionut Mocanu (**2012**)
63rd International Astronautical Congress, Naples, Italy, October 2012 Copyright ©2012 by the International Astronautical Federation. IAC-12-C4.5.

Potential Effects of pH Variation Depending on the Temperature in the Drinking Water Supply System;

C. Iticescu; L.P. Georgescu; G. Murariu
Journal of Environmental Protection and Ecology (**ISI**), 13, No 3, 1324–1331 (**2012**)

Investigation of Water Parameters in a River System with a Two-Dimensional Regression Analysis Model

Gabriel Murariu, Aurelia Caldararu, Lucian Georgescu, Mirela Voiculescu, Gheorghe Puscasu and Alberto Basset

AIP Conf. Proc. 1387, pp. 259-264; doi:<http://dx.doi.org/10.1063/1.3647084> (6 pages)
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Abiotic filtering of benthic invertebrate guilds in the Margherita di Savoia salt pan, Italy

Enrico Barbone, Ilaria Rosati, Aurelia Caldararu, Alberto Basset, Lucian P. Georgescu, Catalina Iticescu,

Environmental Engineering and Management Journal (**ISI**), April/**2012**, Vol. 11, Nr. 4, ISSN: 1843 - 3707, p. 717 – 723

Imprint of Road Vehicles Dynamics on Atmospheric Pollution. Case Study: Bucharest City 2007–2010

D. E. Constantin, M. Voiculescu, L. Georgescu, C. Trif, E. Karakoliosb, A. Mamoukaris, K. Xipolitos
Journal of Environmental Protection and Ecology (**ISI**), 13, No 2A, 837–843 (**2012**) Air pollution

Analysis of stability and continuity of pollution datasets,
M. Voiculescu, L. P. Georgescu, C. Dragomir,
Journal of Environmental Protection and Ecology (**ISI**), nr. 2/**2011**, 401 - 406, 2011

Study of spatial and temporal variations of some physic-chemical parameters of Lower Siret River
Georgescu,P.L.; Voiculescu,M.; Dragan,S.; Timofti,M.; Caldararu,A.
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Implementing European Water Framework Directive uncertainty degree of metrics for macroinvertebrates in transitional waters
Aurelia Caldararu^{1*}, Ilaria Rosati², Enrico Barbone², Lucian P. Georgescu², Catalina Iticescu¹, Alberto Basset²
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Study of anthropogenic effects on the quality of Lower Prut River
Voiculescu,M.; Georgescu,P.L.; Dragan,S.; Timofti,M.; Caldararu,A.
The Journal of Environmental Protection and Ecology (**ISI**) **2010**, ref 1551B/07.07.09

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Environmental Engineering and Management Journal (**ISI**), Volume 9, No.3/**2010**, 423 - 428

Determination of heavy metals in soils using XRF technique
Ene, A.; Bosneaga A.; Georgescu L.P; Rom. Journ. Phys., Vol. 55, Nos. 7–8, P. 815–820, Bucharest, **2010** . (**ISI**),

Are some clouds obscured in satellite view?
Voiculescu,M.; Usoskin,I.; Georgescu P.L.
Rom. Journ. Phys. (**ISI**), Vol. 54, Nos. 1-2, P. 225-229, Bucharest, **2009**

Clinical and paraclinical aspects in mental retardation and autism spectrum disorders
Dobre M., Popa P., Nechita A., Georgescu L.P.,
Revista Română de Medicină de Laborator (**ISI**), **2009**, 16(3):59-69, ISSN 1841-6624.

Possible sources of errors in atmospheric pollution monitoring
Mirela VOICULESCU, Lucian P. GEORGESCU, Carmelia DRAGOMIR
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Direct and indirect sources of water pollution within the Lower Siret hydrographic basin
Mirela VOICULESCU, Lucian P. GEORGESCU, Silvia DRAGAN and Catalin TRIF
Balkan Conference of Applied Physics, 5-7 July 2009

Evaluation of soils pollution with heavy metals using XRF technique
Antoaneta Ene, Alina Bosneaga, Lucian Georgescu

International U.A.B B.E/N.A Workshop: Management and sustainable protection of environment, Alba Iulia, Romania, May 6 – 7th, 2009

The Neural Network Approaching for Non-Linear Heat Transfer Processes Assessments
Gabriel Murariu, Mirela Voiculescu and Lucian Georgescu,
Proceedings of the 7th International Conference of the Balkan Physical Union (BDI),
Alexandroupolis, Greece, 9-13, September 2009, in print

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Voiculescu,M.;Georgescu,P.L.; Dragomir,C.M.,
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Dispersion of some pollutants coming from Galati municipal wastewater in Danube river
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Georgescu,P.L.;Voiculescu,M.; Dragan,S.;Caldararu,A.
International U.A.B B.E/N.A Workshop: Management and sustainable protection of environment, Alba Iulia, Romania, May 6 – 7th, 2009

The Voltammetric investigation of CP*RU+ η 6-salicylidene-p-N, N-dimethylamonoaniline) and similar systems
Grant N. Holder, Dale E. Wheeler, Nicholas W. Baetz, Jill Tierney, Lucian P. Georgescu
Annals of “Dunarea de Jos” University of Galati, Mathematics, Physics, Theoretical Mechanics, Fascicle II, Year I(XXXII), 2009, p 7 - 16

Implementing a sea pollution and safety management system in the navigation companies
Gasparotti, C; Georgescu P.L.; Voiculescu, M.
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Numerical study of pollutant gases yield from combustion of residual steel gases
Ion, I.V.; Popescu, F; Georgescu, L.
Conference: WSEAS International Conference on Renewable Energy Sources/Energy Planning, Energy Saving, Environmental Education/Waste Management, Water Pollution, Air Pollution, Indoor Climate, OCT 14-16, 2007 Arcachon France, Lecture notes on energy and environment, 196-201 Published: 2007, ISSN 1790-5095, ISBN 978-960-6766-10-7 (ISI)

Prediction of the pollutants generation in natural gas/residual steel gases co-combustion,
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F.Sangiorgio; A.Basset; M.Pinna; L.Sabetta; M.Abbiati; M.Ponti; M.Minocci; S.Orfanidis; A.Nicolaidou; S.Moncheva; A.Trayanova; L.P.Georgescu; S.Dragan; S.Beqiraj; D.Koutsoubasi; AEvangelopoulos; S.Reizopoulou

Aquatic Conserv: Mar. Freshw. Ecosyst. 18: S16–S26 (2008) **(ISI)** Published online in Wiley InterScience (www.interscience.wiley.com) DOI: 10.1002/aqc.955, ISSN: 1052-7613

Biodiversity conservation in Mediterranean and Black Sea lagoons: a trait-oriented approach to benthic invertebrate guilds

A.Basset; L.Sabetta; F.Sangiorgio; M.Pinna; D.Migoni; F.Fanizzi; E.Barbone; N.Galuppo; S.Fonda Umani; S.Reizopoulou; A.Nicolaidou; C.Arvanitidis; S.Moncheva; A.Trajanova; L.P.Georgescu; S.Beqiraj

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Quality assessment of Mediterranean and Black Sea transitional waters: comparing responses of benthic biotic indices

M.Ponti; M.Pinna; A.Basset; S.Moncheva; A.Trajanova; L.P.Georgescu; S.Beqiraj; S.Orfanidis; M.Abbiati

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Prediction of pollutants generation in natural gas/residual gases co-combustion

Ion V. Ion, Florin Popescu, Lucian Georgescu

International Journal of energy and Environment, ISSN: 1109-9577, Issue 2, Volume 1, 2007, editor NAUN

Science Shops in Central and Eastern Europe: Challenges and Opportunities

Worthington, Richard; Balasz, Balint; Cupsa, Diana; Georgescu, Lucian; Holas, Jiri; Holasova, Vlasta; Telcean, Ilie

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Ecosystem processes: litter breakdown patterns in Mediterranean and Black Sea transitional waters

Sangiorgio, F. - Basset, A. - Pinna, M. - Sabetta, L. - Abbiati, M. - Ponti, M. - Minocci, M. - Orfanidis, S. - Nicolaidou, A. - Moncheva, S. - Trajanova, A. - Georgescu, L. - Dragan, S. - Beqiraj, S. - Koutsoubas, D. - Evagelopoulos, A. - Reizopoulou, S. Transitional Waters Bulletin, e-ISSN **(ISI)**: 1825-229X, Vol 1. No. 3, 2007, pp. 51-55

Assessment of Electrical Properties of Carbon Based Polymer Composites for Aircraft Structures

G. Andrei, A. Circiumaru, D. Dima, L. Andrei, I.G. Birsan, Lucian .P. Georgescu,

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Numerical Study of Pollutant Gases yield from Combustion of Residual Steel Gases

Ion V.I., Popescu F., Lucian P. Georgescu

Proceedings of the WSEAS International Conference on Waste management, water pollution, air pollution, indoor climate (WWAI '07) Arcachon, France, October 14-16, 2007, Published by World Scientific and Engineering Academy and Society Press ISSN: 1790-5095 ISBN: 978-960-6766-09-1

Sustainable treatment of slag from the iron and steel industry in Eastern Europe using carbon dioxide emissions

Lucian P. Georgescu

2nd International Symposium on Environment, Athens, Greece on 2-5 August 2007

Reducing emission, or fixing the excess, or both?

Lucian P. Georgescu

Oxford International Round Table “Global Warming and Sustainable Development: Governing A Crisis”, 11-18 august 2007, Oxford, UK

Sustainable development, a common construction University engagement with communities

Lucian P. Georgescu,

COMMUNITIES BUILDING KNOWLEDGE:, Innovation through citizens' science and university engagement, August 30 - September 1, 2007- Paris, France

S12.6 - Large-scale patterns of reed litter breakdown rates in Mediterranean and Black Sea transitional waters

Sangiorgio Franca, Basset Alberto, Pinna Maurizio, Sabetta Letizia, Abbiati Marco, Ponti Massimo, Fonda Umani Serena, Orfanidis Sotiris, Moncheva Snejana, Trayanova Antoaneta, Georgescu Lucian, Dragan Silvia, Beqiraj Saimir, Koutsoubas Drosos, Thanasis Evagelopoulos; Societa Italiana di Ecologia, XVI Congresso Internationle, Universita degli Studi della Tuscia, 19 -22 sept 2006

Properties of sterically-crowded $\text{Re}(\text{NAr})\text{C}_{13}(\text{L})_2$ and $[\text{Re}(\text{NAr})\text{Cl}(\text{L})_2]^{2+}$ anthryl-indo complexes

Grant N. Holder, David M. Gooden, Laurel L. McClure, David G. Fraser, Stephen D. Williams and P. Lucian Georgescu

The Annals of the University Dunarea de Jos of Galati, Fascicle VI - Food Technology, No. 2/2005, pp. 35-46, ISSN, 1221-4574

Model Discovery and Validation for the QSAR Problem using Association Rule Mining

L. Dumitriu, C. Segal, M. Craciun, A. Cocu, and L. P. Georgescu

International Conference on Knowledge Mining, ICKM 2006, Prague, Czech Republic, February. 24-26, 2006, Volume 11, Pag 1-5, 2006, ISBN 975-00803-0-0

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L.P. Georgescu, A. Antemir, G. Carac, P. Popa, G. Cioacata

2nd International Symposium on Recent Advances in Food Analysis November 2–4, 2005 Masaryk College Conference Center Prague, Czech Republic

Management of Contaminated Land (Module in Building knowledge and skills to face the challenge of the land remediation. Remediation of Contaminated Land in Europe)

Lucian P. Georgescu (Oral presentation)

ConSoil 2005, October, 3–7, 2005, Bordeaux 9th France, International FZK/TNO Conference on Contaminated Soil (cooperation with BRGN)

Land – ocean interactions in the coastal zone. A proposal of a Typology for Mediterranean transitional waters

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Symphytum officinalis, Equisetum arvense L., Urtica dioica, Thymus vulgaris four plants from Romanian flora with antiradical action

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Neuro-Fuzzy Method for Toxicity Prediction of Pollutant Organic Compounds

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Modern Network Systems for Environmental Education

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The Concept of European Centres of Excellence

Georgescu P. L.

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Ovidius University Annals of Chemistry, 2000, ISSN –1223-7221, vol. 11, no.1, pag 25-27.

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Stefanescu I.I.; Georgescu P. L., Tomescu L.

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The Session of University Scientific Communications “Information biologique., Environnement et Sante”, p. 11, The University “Francois Rabelais” of Tours, France, May the 6th 1997

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Gabriel Murariu, Lucian Georgescu, Florin Mingireanu, Ionut Mocanu
(http://wwwold.univ-ovidius.ro/bpunpconferences2012/BPU_1.php)

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Gabriel Murariu, Lucian Georgescu, Catalina Iticescu, Catalina Topa
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THE ANNALS OF THE “DUNAREA DE JOS” UNIVERSITY OF GALATI, FASCICLE II - MATHEMATICS, PHYSICS, CHEMISTRY, INFORMATICS FASCICLE II, SUPPLEMENT, YEAR III (XXXII) 2009,

Using physics model for optimisation the waste collecting

G. Murariu, V. Gogoncea, L. Georgescu, M. Dobrea, ,
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Mirela Voiculescu, Ilya Usoskin, Gena Kovaltsov, Lucian Georgescu
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Environmental impact studies and Romanian strategy for sustainable development

Lucian P. Georgescu; Dumitru Dima, Mirela Voiculescu
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Environment, energy for advanced materials and electrical products.
National Authority for Scientific Research and Romanian Academy, Bucharest August 17th - 19th, 2008

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Annals of Dunarea de Jos University, Fascicle III - Electrotechnics, Electronics, Automatic Control, Informatics, (2005) 18-24, ISSN 1221-454X.

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Georgescu P.L., Antemir A., Florea, T.
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Constantin E, Georgescu P. L., Iordachescu M.
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Regional Cooperation and Harmonisation Brings Local Growth
The Ministry of Foreign Affairs, The Chamber of Commerce and Industry of Romania, The

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Implications of using of S(IV) derivatives like food additives

Georgescu P.L.; Leonte M.; Antemir A.

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