


Year 2017

Books

Cover	Title	ISBN	Publisher	Authors
	Ghid de bune practici privind cartarea și evaluarea ecosistemelor zonelor umede și a serviciilor oferite de acestea	978-973-741-533-2	Editura Universitas Petroșani	M., Matei, L., Laslo, G., Deák, N., Ciobotaru, M., Boboc, M., Raischi, C., Mușat, T., Lupei, S., Raischi, A., Moncea, D., Dumitru, G., Badea, L., Lamprinakis, D., Gracia P. Rodriguez, A., Strøm Prestvik, A., Veidal, B., Klimek



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	<p>Best practices guide on mapping and assessing wetland ecosystem and their services</p>	<p>978-973-741-534-9</p>	<p>Editura Universitas Petroșani</p>	<p>M., Matei, L., Laslo, G., Deák, N., Ciobotaru, M., Boboc, M., Raischi, C., Mușat, T., Lupei, S., Raischi, A., Moncea, D., Dumitru, G., Badea, L., Lamprinakis, D., Gracia P. Rodriguez, A., Strøm Prestvik, A., Veidal, B., Klimek</p>
	<p>Fate of antibiotics during water treatment: impact on antimicrobial resistance in environmental and clinical strains. Cap. 11 – in Water Purification</p>	<p>978-0-12-804300-4</p>	<p>Elsevier Inc.</p>	<p>F. Marinescu, I. Gheorghe, A. I. Cotar, D. A. Florea, L. Neagu, M.D. Carstea, V. Lazar, M.C. Chifiriuc</p>

	<p>Asigurarea viabilității economico-maneriale pentru dezvoltarea durabilă a economiei regionale în condițiile integrării în UE. Modele ale noii economii. Noua economie și Noua întreprindere</p>	<p>978-606-13-3642-5</p>	<p>Editura PIM acreditată CNCSIS</p>	<p>M. Gâf-Deac, P. Roșca, L.R. Hurloiu, M. Pîrvulescu, A.-M. Anghel</p>
	<p>Deșeuri periculoase: gestionare și riscuri pentru mediu și sănătate</p>	<p>978-973-741-535-6</p>	<p>Editura Universitas Petroșani</p>	<p>M. Chiriac, F. Gaustad, P. Ionescu, G. Deak, E.R. Waerner și alții</p>



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<p>HAZARDOUS WASTE : MANAGEMENT AND RISKS FOR ENVIRONMENT AND HEALTH</p> <p>Authors: Magdalena Clinciu, Emilia Ciocanel, Petra Ionescu, Deak György, Ulrich Hub, Waerner et al.</p> <p>UNIVERSITAS Publishing House Petrosani 2017</p>	<p>Hazardous waste: management and risks for environment and health</p>	<p>978-973- 741-536-3</p>	<p>Editura Universitas Petroșani</p>	<p>M. Chiriac, F. Gaustad, P. Ionescu, G. Deak, E.R. Waerner et al.</p>
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ISI Indexed Papers

Sensors and Actuators B: Chemical - Impact Factor 5.401

Title	Authors
Ultrasensitive modified electrode based on poly(1H-pyrrole-1-hexanoic acid) for Pb(II) detection	G.-O. Buica, I.-G. Lazar, E. Saint-Aman, V. Tecuceanu, C. Dumitriu, A.A. Ivanov, A. B. Stoian, E.-M. Ungureanu



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Environmental Science and Pollution Research - Impact Factor 2.741

Title	Authors
Chemical characteristics and source analysis on ionic composition of rainwater collected in the Carpathians "Cold Pole", Ciuc basin, Eastern Carpathians	R. Szép, E. Mateescu, A.C. Nechifor, Á. Keresztesi

Revista de Chimie - Impact Factor 1.232

Title	Authors
Pollution impact of the grozavești thermoelectric power plant on the urban agglomeration Bucharest	C. Balaceanu, M. Mitiu, I. Marcus, M. Mincu
The assessment of content and dynamics of nutrients in water and sediments from the Plumbuita Lake, Bucharest. II. Study on nitrogen content and distribution	E. Marcu, Gy. Deák, I.-E. Ciobotaru, A. A. Ivanov, P. Ionescu, C. Tociu, E. Diacu
Stability of ceramic glazes obtained by valorification of anorganic pigments extracted from electroplating sludge	M. Mitiu, I. Marcus, M. Vlad, C. Balaceanu
The Examination of the Effects of Relative Humidity on the Changes of Tropospheric Ozone Concentrations under Environmental Circumstances in the Ciuc basin, Romania	R. Szep, R. Keresztes, A. Korodi, Sz. Tonk
Biosorption of Cd(II) ions from aqueous solution by eggshell waste kinetic and equilibrium isotherm studies	Sz. Tonk, C. Majdik, R. Szep, M. Suci, E. Rapo, B. Nagy
Study of air pollution and atmospheric stability in Ciuc basin – Romani	R. Szep, R. Keresztes, A. Korodi, Sz. Tonk



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Determination of Isocyanates in Workplace Atmosphere by HPLC	O. Hegedus, Z. Smotlakova, A. Hegedusova, J. Dubajova, A. Andrejiova, S. Jakobova, Sz. Tonk, R. Szep, T. Pernyeszi
Crystal violet dye removal from aqueous solutions using <i>Elodea canadensis</i> as biofilter	A. Török, B. Nagy, Sz. Tonk, E. Buta, R. Szép, C. Majdik, A. G. Niculae
Ammonium Neutralization Effect on Rainwater Chemistry in the Basins of the Eastern Carpathians – Romania	A. Keresztesi, R. Szép, A. Ozunu, S. Petres, G. Ghita, F-D. Dumitru, M. A. Moncea
The assesment of content and dynamics of nutrients in water and sediments from the Plumbuita Lake, Bucharest. I. Study on phosphorous content and distribution	E. Marcu, Gy. Deak, I.-E. Ciobotaru, A.A. Ivanov, P. Ionescu, C. Tociu, E. Diacu
Technological solution for the treatment of wastewater resulting from autochthonous aquacultures in order to protect the marine water quality	C. Tociu, T. Zaharia, E. Diacu, C. Maria, F. Marinescu, M. Ilie
Influence of different electroplating sludge types on the iron ions recovery yield	M.I. Marcus, M. Vlad, M.A. Mitiu
Numerical Modelling of Pollutant Dispersion in The Lower Danube River	V.-M. Radu, E. Diacu, M.A. Moncea, F.D. Dumitru, A.M. Panait, P. Ionescu
Removal of metals from aquatic environments using water hyacinth and water lettuce	V.-M. Radu, P. Ionescu, E. Diacu, A. A. Ivanov



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Environmental engineering and management journal - Impact Factor 1.008

Title	Authors
Trace elements in fish tissue with commercial value of the danube delta biosphere reserve	A. Buradal, L. Teodorof, C. Despina, D. Seceleanu-Odor, M. Tudor, O. Ibram, I. Navodaru, G. Murariu, C. M. Topa, M. Tudor

Journal of Food Process Engineering - Impact Factor 1.37

Title	Authors
Food-packaging interactions investigated by electrochemical impedance spectroscopy	I.A. Ciobotaru, I.E. Ciobotaru, D.-I. Vaireanu, F.-M. Benga

Revista de Materiale Plastice - Impact Factor 0.778

Title	Authors
The Thermooxidation and Resistanceto Moulds Action of Some. Polyethylene Sorts Used at Anticorrosive Insulation of the. Underground Pipelines	A.M. Borş, N. Butoi, A.R. Caramitu, V. Marinescu, I. Lingvay



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Carpathian Journal of Earth and Environmental Sciences - Impact Factor 0.73

Title	Authors
Ecological risk assessment of heavy metals in surface sediments from the Danube River	M. Ilie, F. Marinescu, R. Szep, G. Ghita, Gy. Deák, A.-M. Anghel, A. Petrescu, B. Uritescu

Romanian Journal of Materials - Impact Factor 0.56

Title	Authors
Compositional and microstructural modifications in concrete elements from Romanian coastline	M.A. Moncea, F.D. Dumitru, A.M. Panait

Aquaculture, Aquarium, Conservation & Legislation – International Journal of the Bioflux Society - Impact Factor 0.5

Title	Authors
Assessment of Bastroe Channel possible impact on Lower Danube sturgeon migration	T. Danalache, A. M. Badilita, Gy. Deák, E. Holban, I. Popescu, A. Daescu, M. C. Raischi, G. Ghita, C. G. Nicolae, S. Diaconescu



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Romanian Biotechnological Letters - Impact Factor 0.404

Title	Authors
The influence of nutrient culture media on <i>Escherichia coli</i> adhesion and biofilm formation ability	C. Bleotu, M. C. Chifiriuc, D. Mircioaga, O. Sandulescu, I. M. Aldea, O. Banu, D. Ion, C. C. Diaconu, F. Marinescu, V. Lazar

Revista Română de Medicină de Laborator - Impact Factor 0.325

Title	Authors
Beta-lactam and quinolone resistance markers in uropathogenic strains isolated from renal transplant recipients	B.-S Trușcă, I. Gheorghe, L. Marutescu, C. Curutiu, F. Marinescu, C. M. Ghiță, E. Borcan, L. Țuică, V. Minciuna, H.-E. Gherghin, M.C. Chifiriuc, V. Lazar

Journal of Environmental Protection and Ecology - Impact Factor 0.774

Title	Authors
Possibilities for efficient use of valuable materials from aluminium slag to remove specific pollutants in wastewater	C. Tociu., A.M. Anghel, F. Marinescu, M. Ilie, E. Holban, M. Matei, F.D. Dumitru, I. Popescu., A. Moncea, L. Laslo, A.I. Daescu



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Evolution of zooplankton community structure in the danube delta region	M. Tudor, I.M. Tudor, O. Ibram, B. Alexandrov, N. Racovet
Comparative analysis on water velocity distribution in the context of riverbed morphology changes and discharge variation	A-F. Nicolae, Gy. Deák, G. Tudor, C.-tin. Cirstinoiu, A.-St. Zamfir, B. Uritescu, P-L. Georgescu, G. Ghita, M-C. Raischi, A-I. Daescu, F-D. Dumitru, M-A. Moncea, L. Laslo, R. Szep
Assessment of atmospheric pollution in a cement factory area situated in the eastern part of Romania	E. Holban, E. Diacu, M. Matei, G. Ghita, M. Raischi, S. Fronescu, A. Daescu, I. P. Gheorghe, M. Ilie, R. Szep, V. Daescu, D. Dumitru, F. Marinescu, C. Tociu, I. Popescu, C. R. Gh. Popescu
Flood protective measures in Divici-Pojejena Wetland, Caras-Severin County, Romania	M., Matei, M., Raischi, N., Ciobotaru, L., Laslo, M., Boboc, Ș., Zamfir, G., Deák.
Methods of evaluating the state of Divici-Pojejena wetland's ecosystems based on physical-chemical analysis and spatial modelling	M., Matei, L., Laslo., N., Ciobotaru, M., Boboc, D., Dumitru, M., Ilie, A., Moncea, G., Deák, G., Ghita, R., Szep, O., Stroie.
Factors that influence the hydrologic processes and characteristics in the Șușita catchment area	N., Ciobotaru, L., Laslo, M., Matei, M., Boboc, A., Moncea, T., Lupei, G., Ghita, R., Szep, I., Popescu, O., Stroie.
Recovery of galvanic sludge by physicochemical mechanisms	M.-I. Marcus, M. Vlad, M.-A. Mitu, A.-M. Anghel, F. Marinescu, L. Laslo, M. Ilie, R. Szep, G. Ghita, M. Matei, E. Holban, F. D. Dumitru
Investigation of sturgeon migration routes using the most adequate monitoring techniques in difficult hydrological conditions of the Danube River	C. Raischi, L. Oprea
Advanced Processing of Environmental Data for Establishing the Ecological Status of the Lower Danube Water in Terms of Nutrients	A.-M. Anghel, F. Marinescu, M. Ilie, G. Ghita, P. Ionescu, I. Marcus, C. Tociu, F. D. Dumitru, M. Mitu, I. Popescu, R. Szep, L. Laslo, E. Holban



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Influence of the hydrochemical factors on the sturgeon behavior in the lower Danube River	C. Raischi, L. Oprea
Influence of the hydrochemical factors on the sturgeon behavior in the lower Danube River	M.C. Raischi, L. Oprea, Gy. Deak, S.N. Raischi, M. Ilie, G. Ghita, S. Zamfir, R. Szep, A. M. Moncea, D. Dumitru, O. Stroie, A. M. Bădilita, T. M. Dănalache,
Performant technology to remove organic and inorganic pollutants from wastewaters	A. I. Daescu, E. Holban, , M. G. Boboc, M. C. Raischi, M. Matei, M. Ilie, G. Deak, V. Daescu

Others - Impact Factor 0

Journal	Title	Authors
Biointerface Research in Applied Chemistry	The influence of toxic pollutants on the absolute value and on the kinetics of the degradation of organic substances quantified as BOD	F. Marinescu, C. Tociu, M. Ilie, A.-M. Anghel
Biointerface Research in Applied Chemistry	Developing the method for analytical determination of cadmium, arsenic and nickel in ambient air	G. Ghita, M.-I. Marcus, I.-E. Ciobotaru, L. Laslo, E. Marcu, I. Savin
Biointerface Research in Applied Chemistry	Technological solution for the treatment of wastewater resulting from metallic coatings using recovered products from metallurgical slag	C. Maria, G. Ghiță, E. Marcu, I. Mărcuș, M. Mincu, L. Laslo, I. Savin
Biointerface Research in Applied Chemistry	Prevalence of heavy metal and antibiotic resistance in bacterial	F. Marinescu, M.C. Chifiriuc, L. Măruțescu, M.



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	isolates from wastewater and receiving aquatic environments	Ilie, I. Savin, A.M. Anghel, I. Marcuș, C. Tociu, E. Marcu
Biointerface Research in Applied Chemistry	Statistical correlations between physical and chemical indicators in order to assess the water quality of artificial lakes in south Romania, Bucharest-Ilfov area	A.-M. Anghel, E. Diacu, M. Ilie, C. Cimpoeru, F. Marinescu, E. Marcu, C. Tociu
Bionterface Research in Applied Chemistry	The effect of wastewater from paper mills on the operation of primary stages in the municipal wastewater treatment plant	C. Tociu, C. Maria, E. Marcu, P. Ionescu, M.V. Radu
Advanced Materials Research	Influence of different galvanic sludge types on the extraction efficiency of chromium ions	M.I. Marcus , M. Vlad, M.A. Mitiu
Applied and Environmental Geophysics-SGEM	Tendencies and particularities in thermic inversion episodes in the Ciuc Basin – Eastern Carpathians, Romania	S. Petres, A. Korodi, R. Keresztes, R. Szép
Environmental Legislation, Multilateral Relations and Funding Opportunities – SGEM	Sustainable Development. Theory or practice?	A. Korodi, S. Petres, A. Keresztes, R. Szép
Hydrology and Water Resources Marine and Ocean Ecosystems, ISI Conference Proceedings	Mapping and Assessment of Ecosystem Services from Divici-Pojejena Wetland Based on Recommended Methodology	L., Laslo, M., Matei, N., Ciobotaru, D., György.
Proceedings of the 17 th International Multidisciplinary Scientific GeoConference SGEM 2017	Study regarding the riverbed morphological changes of the Danube River – Epurasu Branch	A-F. Nicolae, A-St. Zamfir, P-L. Georgescu, Gy. Deák, M-C. Raischi



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Scientific Papers. Series D. Universitatea de Științe Agronomice și Medicină Veterinară din București	The importance of the Chilia Branch for protecting and conservation of the anadromous migratory sturgeons	T.-M. Danalache, S. Diaconescu, A. M. Badilita, Gy. Deák, E. Holban, C. G. Nicolae
Sustainable Economic Growth, Education Excellence, And Innovation Management Through Vision 2020,	An Assessment of the Braila County's Agriculture Potential	<u>C., Bacanu (Serban), M.G.,</u> <u>Boboc, C.C., Fasola, V.</u> <u>Suparschii (Bondari), G.A.,</u> <u>Zugravu, M.M., Rahoveanu,</u> <u>S. Stanciu</u>
Sustainable Economic Growth, Education Excellence, And Innovation Management Through Vision 2020	The Wheat Market in Romania	<u>C., Bacanu (Serban), M.G.,</u> <u>Boboc, C.C., Fasola, V.</u> <u>Suparschii (Bondari), G.A.,</u> <u>Zugravu, M.M., Rahoveanu,</u> <u>S. Stanciu</u>
U.P.B. Sci. Bull. Seria B	Application of multivariate statistical techniques to assess water quality of the lower Danube	V.-M. Radu, E. Diacu, P. Ionescu, A. A. Ivanov
U.P.B. Sci. Bull., Series B,	Comments on two novel review ebooks in the area of deterministic modelling of metabolic processes and of genetic regulatory circuits in living cells	G. Maria, C. Maria, C. Tociu

Int. Datab. Indexed Papers

Title	Journal	Authors
Hydration mechanism and strength properties of recycled	Cogent Engineering	P. O. Awoyera, J.O. Akinmusuru, A. Moncea



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aggregate concrete made using ceramic blended cement		
Assessing the Aquatic Environment Quality Contaminated with Heavy Metals as a Result of Polymetallic Mining in the North-West Region of Romania Using Pollution Indices	International Journal of Environmental Science and Development	A.-M. Anghel, M. Ilie, G. Ghiță, F. Marinescu, Deák Gy.
Assessment of nutrients-chlorophyll-a relationship in the Lower Danube River.	International Journal of Advances in Chemical Engineering and Biological Sciences (IJACEBS)	M. Ilie, F. Marinescu, G. Ghita, A.-M. Anghel, Gy. Deák, M. Raischi,
Evaluation of emerging contaminants in drinking water and wastewater in South Romania.	<u>International Journal of Environmental Science</u>	Ilie M., Marinescu F., Ghita G., Deák Gy., Anghel A.-M., Tociu C., Matei M., Holban E., Raischi M., Zamfir S., Cirstinoiu C.
Spatial distribution of heavy metal contamination and ecological risk assessment in water from the Danube River.	International Journal of Environmental Science	Ilie M., Marinescu F., Ghita G., Anghel A.-M., Tociu C., Popescu I., Matei M., Holban E., György Deák, Raischi M., Cirstinoiu C., Uritescu B.
Tropospheric ozone temporal variations and relationship to atmospheric oxidation in Ciuc basin	ECOTERRA – Journal of Environmental Research and Protection	R. Boga, A. Korodi, Á. Keresztesi, G. Ghita, M. Ilie, Gy. Deák
Chemical characteristics of wet precipitation in the Eastern Carpathians, Romania, ECOTERRA – Journal of	ECOTERRA – Journal of Environmental Research and Protection	Á. Keresztesi, A. Korodi, R. Boga, S. Petres, G. Ghita, M.a Ilie



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Environmental Research and Protection, 14(2), 52-59, 2017		
Comparative study of air temperature evolution in the Ciuc depression	ECOTERRA – Journal of Environmental Research and Protection	S. Petres, R. Boga, Á. Keresztesi, G. Ghita, M. Ilie, Gy. Deák
Applications of some inorganic compounds recovered from metallurgical wastes in the treatment of oil refinery wastewater	Bulletin of Romanian Chemical Engineering Society	Tociu C., Maria C., Marcu E., Ciobotaru I. E.
Laboratory research on intensified biological treatment by activated sludge of wastewaters with high content of organic pollutant	Bulletin of Romanian Chemical Engineering Society	Tociu C., Ciobotaru I. E., Marcu E., Petculescu B.
Application of correlation algorithms on monitoring data for quality assessment of the aquatic ecosystems	Bulletin of Romanian Chemical Engineering Society	P. Ionescu, A. A. Ivanov, Gy. Deák, E. Diacu, V. -M. Radu, C. Tociu
Air pollution analysis in Moldova Noua waste dump	ECOTERRA – Journal of Environmental Research and Protection	S. N. Raischi, S., R. Szép, C. Balaceanu, M. Raischi, D. Dumitru, A. Moncea, L. Laslo, G. Deák, Á. Keresztesi
Emissions of pollutants and air quality in the area of influence of high voltage overhead electrical lines	Air and water components of the Environment Conference Proceedings	D. Cociorva, M. Mitu, M. Mincu, N. S. Raischi



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Comparison of models and volumetric determination for Catusa Lake, Galati	TEHNOMUS JOURNAL	M. Arseni, A. Rosu, A.-F. Nicolae, P. L. Georgescu, D.-E. Constantin
Study regarding the dispersion of water quality indicators in the Danube River	Annals of "Dunarea De Jos" University of Galati Mathematics, Physics, Theoretical Mechanics	A.-F. Nicolae, A.-Șt. Zamfir, P. L. Georgescu, M.C. Raischi, G.Tudor, F.-D.Dumitru, M. Ilie, G.Ghita
Comparative analysis of hydrodynamic and hydromorphological parameters variation resulting from anthropic interventions on Lower Danube – Caleia Branch	ISB-INMA TEH AGRICULTURAL AND MECHANICAL, ENGINEERING	G. Tudor, Gy. Deák, B. Urișescu, C-tin Cîrstinoiu, A.-F. Nicolae, A. St. Zamfir, T. M. Dănălache, M.V. Olteanu
Study regarding hydraulic modeling of sediment transportation. Case study: THE Danube – Epurașu Branch	Annals of Dunarea de Jos University of Galati	A.S Zamfir, A.F.Nicolae,P.L.Georgescu, M. C. Raischi, A. Daescu, M. Ilie, G. Ghita
Preliminary analysis of sediment transport in the context of the hydrotechnical constructions influence. Case study Branch Bala – Old Danube bifurcation	ISB-INMA TEH Agricultural and mechanical engineering	A.-F. Nicolae, Gy. Deák, G. Tudor, A. St. Zamfir, P.L. Georgescu, C-tin Cîrstinoiu, B. Urișescu, M.C. Raischi, T.M. Dănălache, A.I. Dăescu, A. Badilita, Al. Cristea
Assessing the preservation state of a Romanian historic concrete icon – The Constanta Casino	Ecoterra	F.D. Dumitru, A.M. Panait, M.V.Olteanu, E. Holban, Gy.Deák, R. Szép, Á. Keresztesi
Mapping of Tourism Suitability Regarding Wetlands	International Journal of Tourism	T., Lupei, N., Ciobotaru, G., Badea, Ș., Zamfir, M., Matei, M., Boboc, L., Laslo, G., Deák.



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Nutrient speciation in sediment and water quality assessment of the Circului Lake, Bucharest	AES Bioflux	I.E. Ciobotaru, E. Marcu, C. Cimpoeru, I. Savin, A.A. Ivanov
Physico-Chemical and Microbiological Assessment of Organic Pollution in Plain Salty Lakes from Protected Regions	Journal of Environmental Protection	V. Lazar, C. Curutiu, L.-M.Ditu, A. Holban, I. Gheorghe, F. Marinescu, M. Ilie, E. Marcu, A. Ivanov, D. Dobre, M. C. Chifiriuc
Simulation of an accidental pollution in a hydrosystem – Lower Danube case study	EcoTerra – Journal of Environmental Research and Protection	V.-M. Radu, M. A. Moncea, F. D. Dumitru, P. Ionescu, A.-M. Panait
Multivariate statistical analysis of metals in lower Danube sediments	Bulletin of Romanian Chemical Engineering Society	V.-M. Radu, A.A. Ivanov, P. Ionescu, E. Diacu, I. Popescu, C. Tociu
Contribution to the strengthening of the bilateral cooperation between Romania and Norway, linked to improvement of knowledge and capacity of a number of experts and professionals in hazardous substances, by means of professional training: TARCHS project	ISB-INMA TEH 2017 Agricultural and mechanical engineering	Gy. Deák, M. Chiriac, P. Ionescu, A.-M. Anghel, C. Maria, G. Ghiță, M. N Radu, I. Mărcuș
Overview on „Hazardous waste – management and risks for environment and health” guide released by Tarchs project	ISB-INMA TEH 2017 Agricultural and mechanical engineering	M. Chiriac, Gy. Deák, P. Ionescu, A.-M. Anghel
Evaluation of heavy metal contamination through indexes	Journal of Environmental	P. Ionescu, E. Marcu, V.-M. Radu, I. E. Ciobotaru, C. Tociu



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analysis. Case studies Plumbuita and Circului Lakes, Bucharest (Romania)	Research and Protection	
Potential risk assessment of heavy metals in sediments from urban lakes, Romania	Bulletin of Romanian Chemical Engineering Society	P. Ionescu, E. Diacu, E. Marcu, V. -M. Radu, C.Tociu, A. Moncea
Greening Solutions Applicable in the Tailing Ponds Tăusani and Bosneag from Moldova Nouă	2017 IOP Conf. Ser.: Mater. Sci. Eng.	I.F. Burlacu, Gy. Deak, M. Raischi, A. Daescu, S. Zamfir, M. Olteanu
High Performance Electrical Insulation Elements for Gas Installations	Electrotehnică, Electronică, Automatică – EEA	I. Lingvay, O. Tănăsescu, L. Radermacher, A.-T. Matei, D. Lingvay, A.-M. Borș
Behaviour in exploitation of some buried pipelines insulated with heat applied polyethylene foil – case analysis	Electrotehnica, Electronica, Automatica EEA	A. Voina, P. Niță, A.-M. Luchian, D. Lingvay, N. Butoi, A.-M. Borș, I. Lingvay
Gases forming during thermal ageing of some electrical use oils	Electrotehnica, Electronica, Automatica EEA	I. Lingvay, V. Stănoi, L.-C. Ungureanu, F. Șerban, A.- M. Borș

Pres. at Int. Events

Title	Event	Authors
Research on the impact of pollutants on aquatic ecosystems	9 th Edition of European Exhibition of Creativity and Innovation, Iași, Romania	M. Ilie, F. Marinescu, G. Ghiță, A. A. Ivanov, A. M. Anghel, C. Tociu, B. Petculescu, G. Tudor, B. Uritescu, C. Cirstinoiu



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Functioning influences of some industrial objectives over environmental quality	International U.A.B.–B.EN.A. Conference Environmental Engineering And Sustainable Development, Alba Iulia, Romania	M. Mincu, Gy. Deák, V. Dăescu, A. I. Dăescu, N. Raischi, C. Bălăceanu, S. D. Fronescu, C. Cimpoeru
The use of wastewater treatment installations type biological filters for removal of pollutants from wastewater	International U.A.B.–B.EN.A. Conference Environmental Engineering And Sustainable Development, Alba Iulia, Romania	M. Mincu, M. A. Mițiu, A. I. Dăescu, C. Tociu, M. Ilie, C. M. Raischi, L. A. Laslo, V. Dăescu
Comparative analysis on water velocity distribution in the context of riverbed morphology changes and discharge variation	International U.A.B.–B.EN.A. Conference Environmental Engineering and Sustainable Development Alba Iulia, Romania	A.-F. Nicolae, Gy. Deák, G. Tudor, C-tin Cîrstinoiu, A.-St. Zamfir, B. Urițescu, L.-P. Georgescu, M. Raischi, F.-D. Dumitru, M.-A. Moncea, L. A. Laslo
Study regarding the dispersion of water quality indicators in the Danube River	Scientific Conference of Doctoral Schools from “Dunărea de Jos” University of Galati – Galați, România	A.-F. Nicolae, A.-S. Zamfir, L. Georgescu, G. Tudor, D.-F. Dumitru, M. Ilie, G. Ghiță, M. Raischi
Study regarding the riverbed morphological changes of the Danube River – Epurasu Branch	17 th International Multidisciplinary Scientific GeoConference SGEM 2017, Albena, Bulgaria	A.-F. Nicolae, A.-S. Zamfir, L. Georgescu, Gy. Deak, M. Raischi
Comparison of models and volumetric determination for Catusa Lake, Galati	THE 19 th International Conference New Technologies and products in machine manufacturing technologies, Suceava, Romania	M. Arseni, A. Rosu, A.-F. Nicolae, P.-L. Georgescu, D.-E. Constantin
Comparative analysis of hydrodynamic and hydromorphological parameters variation	ISB-INMA TEH Agricultural and mechanical, Bucuresti, Romania	G. Tudor, Gy. Deák, B. Urițescu, C-tin Cîrstinoiu, A.-F. Nicolae, A. St. Zamfir, T. M. Dănălache, M.V. Olteanu



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resulting from anthropic interventions on Lower Danube – Caleia Branch		
Preliminary analysis of sediment transport in the context of the hydrotechnical constructions influence. Case study Branch Bala – Old Danube bifurcation	ISB-INMA TEH Agricultural and mechanical, Bucuresti, Romania	A.-F. Nicolae, Gy. Deák, G. Tudor, A. St. Zamfir, P.L. Georgescu, C-tin Cîrstinoiu, B. Urițescu, M.C. Raischi, T.M. Dănălache, A.I. Dăescu, A. Badilita, Al. Cristea
Assessment of hydromorphological and hydrodynamic alterations caused by anthropogenic interventions on the riverbed. Case study Danube Bala branch new bottom	International Symposium GEOMAT – 2017, Iasi, Romania	C-tin Cirstinoiu, Gy. Deák, B. Uritescu, G. Tudor, A.-F. Nicolae, A.-St. Zamfir, T.M. Danalache, M. Olteanu, M. C. Raischi
Development of a bathymetric model for Danube Bala Branch-Old Danube bifurcation	International Symposium GEOMAT – 2017, Iasi, Romania	A.-F. Nicolae, P. L. Georgescu, Gy. Deák, A.-St. Zamfir, G. Tudor, C-tin Cirstinoiu, B. Uritescu, M. C. Raischi, M. Olteanu
Monitoring through ultrasonic telemetry of juvenile sturgeon behaviour produced in aquaculture system and released in the Lower Danube for restocking	International Symposium ISB-INMA TEH, Agricultural and Mechanical Engineering, Bucuresti, Romania	T.M. Danalache, A.M. Badilita, Gy. Deak, M.C. Raischi, E. Holban, A. Cristea, D. Stefan, S. Zamfir, A.I. Daescu, B. Uritescu, C. Cirstinoiu, G. Badea, I. Gheorghe, C. Cornateanu, M. Olteanu
Identification of anthropogenetic factors and assessment of their possible impact on preservation of	International Symposium ISB-INMA TEH, Agricultural and Mechanical Engineering, Bucuresti, Romania	A.M. Badilita, T. Danalache, M. Raischi, Gy. Deák, A. Cristea, E. Holban, S. Zamfir, G. Badea, I. Gheorghe, M. Boboc, M. Matei, B. Uritescu, C.



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sturgeon species from the Lower Danube		Cirstinoiu, G. Tudor, I. Boaja (Popescu), D. Stefan
Assessment of atmospheric pollution in a cement factory area situated in the eastern part of Romania	International U.A.B. – B.EN.A. Conference, Environmental Engineering and Sustainable Development, Alba-Iulia, Romania	E. Holban, V. Daescu, G. Ghita, M. C. Raischi, S.D. Fronescu, A.I. Daescu, Ghe. I. Petrache, M. Ilie, M. Matei, R. Szép, A. M. Moncea, F. Marinescu, C. Tociu
Methods of increasing the production of bio hydrogen by genetically modifying E. coli strands	The Energy and Materials Research Conference – EMR2017	I.A. Paun, Gy. Deák, A.M. Badilita, M. T. Danalache, E. Holban
Laboratory Performance Testing of Two Types of Geotextiles used in Danube Hydrotechnical Works	IOP Conf. Series: Materials Science and Engineering	F. D. Dumitru, M. A. Moncea, A. M. Panait, M. Olteanu, L. Laslo
Complex characterization of ZK60 alloy processed by ECAP	13th International Conference on Advanced Materials and Nanotechnology	F. D. Dumitru, M. A. Moncea, M. V. Olteanu, M. Matei, Gy. Deak
Perfomant cement based materials reinforced with nano-SiO ₂	13th International Conference on Advanced Materials and Nanotechnology	M. A. Moncea, F. D. Dumitru, M. V. Olteanu, M. Boboc, Gy. Deak
Capitalization of the renewable potential energies of coastal areas in integrated installations	EMR 2017- The III Energy & Materials Resesarch Conference, Lisabona, Portugalia	G.Poteraş, Gy. Deák, L. Laslo, M. V. Olteanu, A. G. Baraitaru
Study on the methods of obtaining and characterizing nanomaterials used in environmental protection	EUROINVENT – 9th European Exhibition of Creativity and Innovation, Iasi, Romania	M. A. Moncea, M. Matei , F. D. Dumitru, A. G. Baraitaru



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<p>Purification of waste waters contaminated with heavy metals using filters made of advanced silica based materials</p>	<p>13th International Conference and Exhibition on Advanced Materials and Nanotechnology</p>	<p>A. G. Baraitaru , M. V. Olteanu, M. C. Raischi, Gy. Deák</p>
<p>Silica based nanomaterials doped with Ti and Zn for heavy metals removal from wastewater</p>	<p>7th International Congress on Nano Science and Nanotechnology: Basic and Application (ICNBA 2017)</p>	<p>A. G. Baraitaru, M. V. Olteanu, A. Daescu, F. D. Dumitru, M. A. Moncea, Gy. Deák</p>
<p>Assessing Ecosystem Services from the Perspective of Soil's Physical-chemical Characteristics in the Divici-Pojejena Wetland, Romania</p>	<p>13th International Conference on Environmental, Cultural, Economic and Social Sustainability</p>	<p>M. A. Moncea, M. Matei, M. Boboc, F. D. Dumitru, L. Laslo, C. Musat, M. Raischi, Gy. Deak</p>
<p>Research on phosphorus release from lake sediments</p>	<p>Expoziția Europeană a Creativității și Inovării EUROINVENT, Iași, România</p>	<p>I.E. Ciobotaru, E. Marcu, A. A. Ivanov, P. Ionescu, C. Tociu, C. Maria, Gy. Deák</p>
<p>Prevalence of antibiotic resistance phenotypes and genes in the cultivable aquatic microbiota from some Romanian natural fishery lakes</p>	<p>European Congress of Clinical Microbiology and Infectious Diseases (ECCMID), Vienna, Austria</p>	<p>I. Gheorghe, V. Lazar, L. Ditu, A. Holban, C. Curutiu, I. Savin, F. Marinescu, C. Violeta Corina, D. Dobre, M. Chifiriuc</p>
<p>Contribution to the strengthening of the bilateral cooperation between Romania and Norway, linked to improvement of knowledge and capacity of a number of experts and professionals in</p>	<p>ISB-INMA TEH 2017 Agricultural and mechanical engineering, International Symposium, Bucuresti, Romania</p>	<p>Gy. Deák, M. Chiriac, P. Ionescu, A.-M. Anghel, C. Maria, G. Ghiță, M. N Radu, I. Mărcuș</p>



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hazardous substances, by means of professional training: TARCHS project		
Overview on „Hazardous waste – management and risks for environment and health” guide released by Tarchs project	ISB-INMA TEH 2017 Agricultural and mechanical engineering, International Symposium, Bucuresti, Romania	M. Chiriac, Gy. Deák, P. Ionescu, A.-M. Anghel
Research on the influence of human activities on priority hazardous substances contamination in biota within aquatic ecosystems located in crowded urban areas (Case Study)	EUROINVENT, 9th European Exhibition of Creativity and Innovation, Iasi, Romania	P. Ionescu, E. Marcu, A.-M Anghel, C. Tociu, M. Ilie
Researches on setting up methods for abatement of hazardousness of different industrial hazardous waste, towards safe landfilling for environment and human health	Editura StudIS / Proceedings of The 9th Edition of EUROINVENT – European Exhibition of Creativity and Innovation, Iasi, Romania	M.I. Mărcuş, M.A. Mîţiu, I. Mîţiu, G. Deák, A.A. Ivanov
Selective recovery process of chromium, iron and zinc from metal plating sludges by obtaining useful compounds	Editura StudIS / Proceedings of The 9th Edition of EUROINVENT – European Exhibition of Creativity and Innovation, Iasi, Romania	M.I. Mărcuş, M.A. Mîţiu, I. Mîţiu, G. Deák, A.A. Ivanov
Mathematical modelling of pollutant dispersion in atmosphere resulting from an	International Multidisciplinary Scientific GeoConference SGEM 2017, SGEM Vienna GREEN 2017 Extended Scientific Sessions, Air	M. Ilie, Gy. Deák, A.M. Anghel, A. Keresztesi, I.M. Marcus



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asphalt mixture preparation plant	Pollution and Climate Change, Vienna, Austria.	
Evaluation of emerging contaminants in drinking water and wastewater in South Romania	11th International Conference on Water Resources, Hydraulics & Hydrology (WHH '17), Venice, Italy	M. Ilie, F. Marinescu, G. Ghita, Gy. Deák, A. M. Anghel, C. Tociu, M. Matei, E. Holban, M. Raischi, S. Zamfir, C. Cirstinoiu
Spatial distribution of heavy metal contamination and ecological risk assessment in water from the Danube River	10th International Conference on Waste Management, Water Pollution, Air Pollution, Indoor Climate (WWAI '17), Barcelona, Spain	M. Ilie, F. Marinescu, G. Ghita, A. M. Anghel, C. Tociu, I. Popescu, M. Matei, E. Holban, Gy. Deák, M. Raischi, C. Cirstinoiu, B. Uritescu
Numerical modelling and simulation of wastewater treatment processes in the sewage system	International U.A.B. – BENA Conference environmental engineering and sustainable development, Alba Iulia, România	G. Ghita, M. Ilie, R. Szep, F. Marinescu, A.M. Anghel, C. Tociu, I. Popescu, E. Holban, I.M. Marcus, M. Matei, Gy. Deák, O. Stroie, A. M. Moncea, A. Nicolae, L. Georgescu
Possibilities for efficient use of valuable materials from aluminium slag to remove specific pollutants in wastewater	International UAB – BENA Conference of Environmental Engineering and Sustainable Development, Alba Iulia	C. Tociu, E. Diacu, Gy. Deák, A. M. Anghel, F. D. Dumitru, M. Mincu, A. Daescu
Mapping and Assessment of the Ecosystem Services in Divici-Pojejena Wetland and Identification of Their Contribution to the Economic Sectors	Thirteenth International Conference on Environmental, Cultural, Economic & Social Sustainability”, 19-21 Ianuarie 2017, Rio de Janeiro, Brazilia,	M., Matei, Mihaela A., Moncea, M., Boboc, G., Deak, M., Raischi, D., Dumitru
Mapping of Tourism Suitability Regarding Wetlands	„6th International Conference on Energy Systems, Environment, Entrepreneurship and Innovation	T., Lupei, N., Ciobotaru, G., Badea, S., Zamfir, M., Matei, M., Boboc, L., Laslo, G., Deák



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	(ICESEEEI '17)", Cambridge, Marea Britanie	
Hydrological Modelling For Divici – Pojejena Wetland's Tributaries	International Symposium ISB-INMA Teh – Agricultural And Mechanical Engineering, Bucuresti, Romania	M., Boboc, L., Laslo N., Ciobotaru M., Matei., A.M., Velcea, G.,Deák.
Assessment of pedological stress in Romania based on drought indices	International Symposium ISB-INMA Teh – Agricultural And Mechanical Engineering, Bucuresti, Romania	N., Ciobotaru, M., Matei, L., Laslo, M., Boboc, A- M., Velcea, G.,Deák
Drought and irrigations of romanian agricultural areas	International Symposium "GEOMAT – 2017", Iasi, Romania	L., Laslo, N., Ciobotaru , T., Lupei, M., Matei, A-M., Velcea, M., Boboc, G., Badea, D. Deák, V., Vladuț .
A GIS approach regarding tourism suitability of wetland areas of Romania	International Symposium "GEOMAT – 2017", Iasi, Romania	N., Ciobotaru., T., Lupei, L., Laslo, M., Matei, M., Boboc, A.-M.,Velcea, D. Deák,
Greening solutions applicable in the tailing ponds Tausani and Bosneag from Moldova Noua	Conference: EUROINVENT 9th European Exhibition of Creativity and Innovation, Iasi, Romania	I. Burlacu, Gy. Deak, M. Olteanu, S. Zamfir, A. Daescu
Issues regarding the use of bio-fuels and other types of renewable fuels for the purpose of reducing environmental pollution in Romania	Conference: The Energy and Materials Research Conference – EMR2017,Lisabona, Portugal	A. I. Daescu, D. Fronescu, V. Daescu, E. Holban, Gy. Deak
Research on improving the conservation status of sturgeon populations from the natural habitats existing in the Lower Danube River	Conference: EUROINVENT 9th European Exhibition of Creativity and Innovation,Iasi, Romania	Ș. Zamfir, M. Raischi, A. Cristea, B. Uritescu, Gy Deak, T. Danalache, A. Badilita, N. Raischi, I. Gheorghe



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using ultrasonic telemetry methods		
Introduction to the Adverse Outcome Pathway Framework	Adverse Outcome Pathways	A.M. Bors
Advanced processing of environmental data for establishing the ecological status of the Lower Danube water in terms of nutrients	UAB-BENA 2017 conference – Environmental Engineering and Sustainable Development, Alba-Iulia, Romania	A.-M. Anghel, F. Marinescu, M. Ilie, G. Ghiță, P. Ionescu, I. Mărcuș, C. Tociu, A. Moncea, M. Mițiu, I. Boaja, L. Laslo, D. Dumitru
Mobile technology for wastewater treatment by using some filters for retain nanometric particles	Conference: 7th International Congress on Nanoscience and Nanotechnology, Famagusta, Cyprus	A. I. Daescu, A. Baraitaru, M. Olteanu, E. Holban, Gy. Deak, V. Daescu