

INFORMAȚII PERSONALE

SZÉP ROBERT-EUGEN

📍 România, RO-535200, Bălan, 1 Decembrie, 61/1/2

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Sexul masculin | Data nașterii 27/02/1978 | Cetățenia Română, Maghiară

PERIENȚA PROFESIONALĂ

Iulie 2019 – Director

Institutul de Cercetare – Dezvoltare pentru Cinegetică și Resurse Montane Miercurea Ciuc

02 aprilie 2018 – Cercetător Științific gr. I (în baza O.M. 325/21.03.2018)

Institutul Național de Cercetare – Dezvoltare pentru Protecția Mediului, Splaiul Independenței 294, sector 6, București

<http://www.incdpm.ro/production/ro>

20 martie 2018 – 16 iulie 2019 Reprezentantul României în bordul Agenției Europene de Mediu

<https://www.eea.europa.eu/about-us/governance/management-board/list-of-management-board-members>

01 martie 2018 – Șef lucrări

Departamentul de management și științe militare

Academia Forțelor Aeriene "Henri Coandă", Mihai Viteazul 160, Brașov

<http://www.afahc.ro>

15 septembrie 2017 – 16 iulie 2019 Membru al Grupului de lucru pe aspecte internaționale – Basel

Expert/coordonator subiecte

01 februarie 2018 – 08 martie 2018 Comisar General la Garda Națională de Mediu

10 aprilie 2014 – 16 iulie 2019 Comisar General Adjunct la Garda Națională de Mediu

Garda Națională de Mediu (B-dul. Unirii, nr.78, bl.J2, sector 3, Bucuresti. <http://www.gnm.ro/sitenou/>)

Exercitarea atribuțiilor legale și profesionale de control în domeniul protecției mediului

23 decembrie 2014 - Comisar Șef la Serviciul Comisariatului Județean al GNM Harghita

Garda Națională de Mediu, SCJ Harghita (Márton Áron 43, Miercurea Ciuc, RO - 530211

<http://www.gnm.ro/sitenou/> cjharghita@gnm.ro)

Atribuții speciale de coordonare și activități de inspecție și control în domeniul protecției mediului

01 octombrie 2012 - 10 aprilie 2014 Șef serviciu monitorizare și laboratoare

Agencia pentru Protecția Mediului Harghita (Márton Áron 43, Miercurea Ciuc, RO - 530211

<http://apmhr.anpm.ro/>)

Coordonarea serviciului, atribuții în domeniul monitorizării factorilor de mediu (Aer, apă sol, plante)

15 septembrie 2011 -

Şef lucrări

Departamentul de Bioinginerie
Universitatea Sapiientia din Transilvania , Piaţa Libertăţii 1, Miercurea Ciuc RO - 530104)

<http://csik.sapiientia.ro/ro/departamente/56a6167890ec0345973097-2>

Materii predate: 2013 – laborator de chimie generală şi proiect

Geochimia mediului – curs

Hidrogeologie şi protecţia cursurilor de apă – curs şi proiect

Protecţia atmosferei - curs şi laborator

Strategii şi surse energetice regenerabile

Extracţia apelor minerale – proiect

01 august 2012 - 01 octombrie

2012

Director General Adjunct

Consiliul Judeţean Harghita – Direcţia de Dezvoltare (Piaţa Libertăţii nr. 5, Miercurea Ciuc, RO - 530140. <http://judetulherghita.ro>)

Coordonarea direcţiei, elaborarea şi implementare proiectelor cu finanţare naţională şi internaţională,
Elaborare şi implementare strategii, turism şi protecţia mediului, achiziţii publice

01 august 2006 – 01 august

2012

Director Executiv

Serviciul Public de Management Energetic Harghita (Piaţa Libertăţii nr. 5, Miercurea Ciuc, RO - 530140. www.spme.ro)

Coordonarea proiectelor privind sursele de energii regenerabile, elaborarea unor strategii la nivel judeţean privind sursele de energii regenerabile şi eficienţa energetică

01 ianuarie 2004 – 30 iunie 2006

Inginer (inspector de specialitate)

Serviciul Public Judeţean de Protecţie a Plantelor Harghita (Márton Áron 43, Miercurea Ciuc RO - 530211 <http://www.gnm.ro/sitenou/> cjharghita@gnm.ro)

Activităţi de protecţie a plantelor coordonarea desfăşurării activităţii în centre

23 octombrie 2001 – 22 aprilie

2003

Inginer Geolog

S.C. Bălan S.A. Str. 1 Decembrie, Bălan (România)

Evaluarea şi extracţia minereurilor cuprifere, calculul rezervelor de substanţe utile solide, determinarea parametrilor geologici şi geochimici, probarea şi evaluarea geologică şi geochimică a zonelor mineralizate, analize geochimice

EDUCAŢIE ŞI FORMARE

2015 iunie – 2015 octombrie

Înalt funcţionar public

ANFP – Bulevardul Mircea Vodă 44, Bucureşti, RO - 030167)

▪ Administraţie publică, drept administrativ, comunicare şi PR, management de proiect

2007 – 2011 Diplomă de Doctor

Cercetări privind reabilitarea ecologică a perimetrului minier Bălan, Harghita.

Universitatea din Petroșani – domeniul Mine, petrol și gaze

- Biochimie, geochimie, tectonică

2008 - 2010 Diplomă de Master – Drept administrativ

Diplomă de Master – Universitatea „Lucian Blaga” din Sibiu, Facultatea de Drept Simion Bărnuțiu

- administrație publică, drept administrativ, constituție, drept de mediu, drept civil, comunicare și PR, management de proiect

1997 – 2001 Inginer Geolog

Universitatea Alexandru Ioan Cuza - Iași; Facultatea de Geografie și Geologie, Specialitate Geochimie

- geologie generală, mineralogie, geochimie, hidrogeologie, petrol, paleontologie, geologie structurală

Limba(i) maternă(e) Maghiară

Alte limbi străine cunoscute

	INTELEGERE		VORBIRE		SCRIERE
	Ascultare	Citire	Participare la conversație		Ascultare
Română	C1	C1	C1	C1	C1
Engleză	B1	B1	B1	A1	A1

ECDL

Niveluri: A1/A2: Utilizator elementar - B1/B2: Utilizator independent - C1/C2: Utilizator experimentat
Cadrul european comun de referință pentru limbi străine

INFORMATII SUPLIMENTARE

Competențe organizaționale/managieriale
 Competențe dobândite la locul de muncă
 Competență digitală

leadership (în prezent, sunt responsabil de o instituție formată din 850 de persoane)

experiență în procesele administrative, pregătirea și gestionarea bugetelor, managementul proiectelor, interpretarea și aplicarea legilor, abilități rapide de rezolvare a problemelor

AUTOEVALUARE

Procesarea informației	Comunicare	Creare de conținut	Securitate	Rezolvarea de probleme
Utilizator independent	Utilizator independent	Utilizator independent	Utilizator independent	Utilizator independent

Niveluri: Utilizator elementar - Utilizator independent - Utilizator experimentat
Competențele digitale - Grilă de auto-evaluare

ECDL

- 2008.
- cunoașterea programelor Microsoft OFFICE (WORD, Powerpoint, Excel)
 - Editor de imagine
 - Rockware – SURFER
 - MinPet
 - AerMod

Permis de conducere	Nu dețin permis de conducere
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Competențe de comunicare

bune competențe de comunicare dobândite prin experiența proprie

Publicații ISI cotate Thomson Reuters

1. **Robert SZÉP** & László MÁTYÁS - The role of regional atmospheric stability in high-PM10 concentration episodes in Miercurea Ciuc (Harghita) – Carpathian Journal of Earth and Environmental Sciences, Volume: 9, Issue: 2, Page: 241-250, 2014
2. **Szép, R., MÁTYÁS L., Keresztes, R., Ghimpusan, M.,** - Tropospheric Ozone Concentrations - Seasonal and Daily Analysis and its Association with NO and NO₂ as a Function of NO_x in Ciuc Depression – Romania – Revista de Chimie, vol. 67., 2., Page: 205-213, 2016.
3. **Szép, R., Keresztes, R., Constantin, L.,** - Multi-model assessment of tropospheric ozone pollution indices of risk to human health and crops, and ozone deposition in Ciuc Depression – Romania, Revista de Chimie, Volume: 67, Issue: 3, Page: 408-413, 2016
4. **Szép, R., Keresztes, R., Deák, Gy., Tobă, F., Ghimpusian, M.** - The dry deposition of PM₁₀ and PM_{2.5} to the vegetation and its health effect in the Ciuc basin – Revista de Chimie, Volume: 67, Issue: 4, Page: 639-644, 2016
5. **Szép, R., Keresztes, R., Korodi A., Tonk, Sz.,** - Dew point – indirect particulate matter pollution indicator in the Ciuc basin – Harghita, Romania - Revista de Chimie, Volume: 67, Issue: 10, Page: 1914-1921, 2016
6. **Szép, R., Keresztes, R., Korodi A., Tonk, Sz.,** - The Examination of the Effects of Relative Humidity on the Changes of Tropospheric Ozone Concentrations in the Ciuc basin, Romania - Revista de Chimie - Volume: 68, Issue: 4, Page: 642-645, 2017
7. Holban Elena, Matei Monica, Gina Ghita, Raischi Marius, Fronescu Simona, Daescu Andreea, Petrache Gheorghe Ionut, Ilie Mihaela, **Robert Szép**, Moncea Andreea, Marinescu Florica, Tociu Carmen, ASSESSMENT OF ATMOSPHERIC POLLUTION IN A CEMENT FACTORY AREA SITUATED IN THE EASTERN PART OF ROMANIA, Journal of Environmental Protection and Ecology, Volume: 18, Issue: 3, Page: 819-830, 2017
8. C. Tociu, **Robert Szép**, A. M. Anghel, F. Marinescu, M. Ilie, E. Holban, M. Matei ,Gina Ghita, I. Popescu, A. Moncea, L. Laslo, A.I. Daescu, POSSIBILITIES FOR EFFICIENT USE OF VALUABLE MATERIALS FROM ALUMINIUM SLAG TO REMOVE SPECIFIC POLLUTANTS IN WASTEWATER, Journal of Environmental Protection and Ecology, Volume: 18, Issue: 3, Page: 842-852, 2017
9. A.M. Anghel, F. Marinescu, M. Ilie, G. Ghiță, P. Ionescu, I. Mărcuș, C. Tociu, A. Moncea, M. Mițiu, I. Popescu, **Robert Szép**, L. Laslo, E. Holban, ADVANCED PROCESSING OF ENVIRONMENTAL DATA FORESTABLISHING THE ECOLOGICAL STATUS OF THE LOWERDANUBE WATER IN TERMS OF NUTRIENTS, Journal of Environmental Protection and Ecology, Volume: 18, Issue:3, Page: 853-861, 2017
10. Maria Vlad , Mihaela-Andreea Mițiu, Ana-Maria Anghel, Lucian Laslo, Mihaela Ilie, **Robert Szép**, Gina Ghita, Monica Matei, Elena Holban, F. D. Dumitru, Recovery of galvanic sludge by psicho-chemical mechanism, Journal of Environmental Protection and Ecology, Volume: 18, Issue: 3, Page: 1117-1126, 2017
11. Nicolae, A., Deak, Gy., Tudor, G., Cirstinoiu, C., Zamfir, A.S., Uritescu, B., Ghita, G., Georgescu, L.P., Raischi, M., Dumitru, D., Moncea, A.M., Laslo, L., **Szép, R.**, Comparative analysis on water velocity distribution in the context of riverbed morphology changes and discharge variation, Journal of Environmental Protection and Ecology,

Volume: 18, Issue: 4, Page: 1649-1657, 2017

12. Szende Tonk, Cornelia Majdik, **Robert Szép**, Maria Suci, Ester Rápó, Boldizsár Nagy, Biosorption of Cd(II) ions from aqueous solution by eggshell waste kinetic and equilibrium isotherm studies, *Revista de Chimie*, Volume: 68, Issue: 9, Page: 1951-1958, 2017
13. **Szép, R.**, Keresztes, R., Korodi A., Tonk, Sz., - Study of air pollution and atmospheric stability in Ciuc basin – Romania - *Revista de Chimie - Revista de Chimie*, Volume: 68, Issue: 8, Page: 1763-1767, 2017
14. Mihaela Ilie¹, Florica Marinescu¹, **Robert Szep**², Gina Ghita¹, György Deak¹, Ana-Maria Anghel¹, Alexandru Petrescu & Bogdan Urtescu; Ecological risk assessment of heavy metals in surface sediments from the Danube river – *Carpathian Journal of Earth And Environmental Sciences*, July 2017, Vol. 12, No. 2, p. 437 - 445.
15. **R. Szép**, E. Mateescu, A.C. Nechifor, Á. Keresztes, Chemical characteristics and source analysis on ionic composition of rainwater collected in the Carpathians "Cold Pole", Ciuc basin, Eastern Carpathians – Romania. *Environmental Science and Pollution Research*, Volume:24, Issue:35, Page: 27288-27302, 2017, DOI 10.1007/s11356-017-0318-2
16. Ondrej HEGEDŰS, Zuzana ŠMOTLÁKOVA, Alžbeta HEGEDŰSOVA, Jarmila DUBAJOVÁ, Alena ANDREJIOVÁ, Silvia JAKABOVÁ, SZENDE TONK, **SZÉP RÓBERT**, Tímea PERNYESZI, Determination of Isocyanates in Workplace Atmosphere by HPLC, *Revista de Chimie*, Volume: 69, Issue: 2, Page: 625-630, 2018
17. Anamaria Török, Boldizsár Nagy, Szende Tonk, Erzsébet Buta, **Robert Szép**, Cornelia Majdik, Alexandra Gabriela Niculae, Crystal violet dye removal from aqueous solutions using *Elodea canadensis* as biofilter, *Revista de Chimie*, Volume: 68, Issue: 10, Page: 2270-2275, 2017
18. Ágnes Keresztes, Sandor Petres, Ghita Gina, Dumitru Florina-Diana, Mihaela Andreea Moncea, Alexandru Ozunu, **Robert Szép**, Ammonium Neutralization Effect on Rainwater Chemistry in the Basins of the Eastern Carpathians – Romania, *Revista de Chimie*, Volume: 69, Issue: 1, Page: 57-63, 2018
19. **Robert Szép**, Elena Mateescu, Ion-Andrei Nita, Marius-Victor Birsan, Zsolt Bodor, Ágnes Keresztes, Effects of the Eastern Carpathians on atmospheric circulations and precipitation chemistry from 2006 to 2016 at four monitoring stations (Eastern Carpathians, Romania), *Atmospheric Research*, Volume 214, Issue 1, Pages: 311 – 328, 2018. DOI: <https://doi.org/10.1016/j.atmosres.2018.08.009>
20. **Robert Szép**, Zsolt Bodor, Ildiko Miklossy, Ion-Andrei Nita, Oana A. Oprea, Ágnes Keresztes, Influence of peat fires on the rainwater chemistry in intra-mountain basins with specific atmospheric circulations (Eastern Carpathians, Romania), *Science of the Total Environment*, Volume 647, Issue 1, Pages: 275-289, 2019. DOI: <https://doi.org/10.1016/j.scitotenv.2018.07.462>
21. Eszter Rápó, **Róbert Szép**, Ágnes Keresztes, Maria Suci, Szende Tonk, Adsorptive Removal of Cationic and Anionic Dyes from Aqueous Solutions by Using Eggshell Household Waste as Biosorbent, *Acta Chim. Slov.*, vol. 65, pages, 2018. DOI: 10.17344/acsi.2018.4401
22. Marius-Victor Birsan, Dana-Magdalena Micu, Ion-Andrei Nita, Elena Mateescu, **Róbert Szép**, Ágnes Keresztes, Spatio-Temporal Changes in Annual Temperature Extremes over Romania (1961-2013), *Romanian Journal of Physics* 64, 816, pages 1-11, (2019).
23. Eszter Rápó, Katalin Posta, Maria Suci, **Robert Szép**, Szende Tonk, Adsorptive Removal of Remazol Brilliant Violet-5R Dye from Aqueous Solutions using Calcined Eggshell as Biosorbent, *Acta Chim. Slov.*, **2019**, 66, 648–658

ISI Proceedings

24. Ágnes Keresztesi, Marius-Victor Birsan, Ion-Andrei Nita, Zsolt Bodor, **Róbert Szép**, Assessing the neutralisation, wet deposition and source contributions of the precipitation chemistry over Europe during 2000–2017, *Environmental Sciences Europe*, (2019) 31:50, <https://doi.org/10.1186/s12302-019-0234-9>
 25. Ciocănea, C. M., Corpade, P. C., Onose, D. A., Vânău, G. O., Malos, C., Petrovici, M., **Szep, R. E.**, 2019. The assessment of lotic ecosystems degradation using multi-criteria analysis and GIS techniques. *Carpathian Journal of Earth and Environmental Sciences*, 14(2), 255-268.
 26. Ágnes Keresztesi, Ion-Andrei Nita, Marius-Victor Birsan, Zsolt Bodor, **Róbert Szép***, The risk of cross-border pollution and the influence of regional climate on the rainwater chemistry in the Southern Carpathians, Romania, *Environmental Science and Pollution Research*, <https://doi.org/10.1007/s11356-019-07478-9>, 2020.
 27. Ágnes Keresztesi, Ion-Andrei Nita, Marius-Victor Birsan, Zsolt Bodor, Timea Pernyeszi, Miruna Mihaela Micheu, **Róbert Szép***, Assessing the variations in the chemical composition of rainwater and air masses using the zonal and meridional index, *Atmospheric Research*, Volume 237, June 2020, 104846, <https://doi.org/10.1016/j.atmosres.2020.104846>.
 28. MARIUS-VICTOR BIRSAN, ION-ANDREI NITA, ALEXANDRA CRACIUN, LUCIAN SFÎCĂ, CRINA RADU, RÓBERT SZEPE, **ÁGNES KERESZTESI**, MIRUNA MIHAELA MICHEU, OBSERVED CHANGES IN MEAN AND MAXIMUM MONTHLY WIND SPEED OVER ROMANIA SINCE AD 1961, *Romanian Journal of Physics*, In press, 2020.
 29. ION-ANDREI NITA, LUCIAN SFÎCĂ, LIVIU APOSTOL, CRINA RADU, MARIUS VICTOR BIRSAN, RÓBERT SZEPE, **ÁGNES KERESZTESI**, Changes in cyclones intensity over Romania according to 12 tracking methods, *Romanian Journal of Physics*, In press, 2020.
1. **2012 - Szép Robert**, Borboly Csaba, Victor Arad, Susana Arad, - Rehabilitation method of the areas which are naturally contaminated with heavy elements in metaliferous district of Bălan (România, Harghita, Eastern Carpathians) – immobilization with apatite. International multidisciplinary scientific geoconference sgem 2012 - 17-23 June 2012 Bulgaria, Ecology and Environmental Protection, Environmental Legislation, Multilateral Relation and Funding Opportunities section Volume V – issn 1314-2704, doi:10.5593/sgem, page. 675 – 684, 2012. <http://www.sgem.org/index.php/call-for-papers/impact-factor> **ISI Proceedings**.
 2. **2012 - Szép Robert**, Borboly Csaba, Victor Arad, Susana Arad - Utilization of the Chauvenet statistical test in environmental researches respectively biogeochemical prospection for establishment of found value, threshold value and anomalous values - International multidisciplinary scientific geoconference sgem 2012 - 17-23 June 2012 Bulgaria, Ecology and Environmental Protection, Environmental Legislation, Multilateral Relation and Funding Opportunities section Volume V, – issn 1314-2704, doi:10.5593/sgem 2012, page. 995 - 1000. <http://www.sgem.org/index.php/call-for-papers/impact-factor> **ISI Proceedings**.
 3. **2015 - Radu Violeta-Monica¹, Ionescu Petra¹, Szép Robert², Tănase Georgiana Simona¹, Raischi Simona¹** - Evaluation of priority hazardous substances present in the sediments of the lower Danube section using multivariate statistical analysis. **15th** International Multidisciplinary Scientific Geoconference SGEM, Water Resources. Forest, Marine and Ocean Ecosystems. Volume 1, Page: 277-283, Albena Bulgaria

<p>BDI</p> <p>Conferințe</p>	<p>2015. ISBN 978-619-7105-36-0, ISSN 1314-2704, DOI 10.5593/sgem2015B31, http://www.sgem.org/index.php/call-for-papers/impact-factor Thomson Reuters ISI Web of Knowledge; ISI Proceedings</p> <p>4. 2015 - Ionescu Petra¹, Radu Violeta-Monica¹, Szép Robert², Tănase Georgiana Simona¹, Boboc Mădălina¹ - Characterization of metal flow dynamics along the lower section of Danube River using correlation algorithms. <u>15th International Multipdisciplinary Scientific Geoconference SGEM, Water Resources. Forest, Marine and Ocean Ecosystems. Volume 1, Issue: 1, Page: 129-135, 2015. Albena Bulgaria 2015. ISBN 978-619-7105-36-0, ISSN 1314-2704, DOI 10.5593/sgem2015B31, http://www.sgem.org/index.php/call-for-papers/impact-factor Thomson Reuters ISI Web of Knowledge; ISI Proceedings</u></p> <p>5. 2015 - Tiberius Danalache^{1,3} Lect. Dr. Robert Szep² Dr. Alin Badilita¹ Madalina Georgiana Boboc¹ Prof. Dr. Stefan Diaconescu³ - Ecological assessment of lower Danube river baed on the ichthyifauna structure and composition. <u>15th International Multipdisciplinary Scientific Geoconference SGEM, Water Resources. Forest, Marine and Ocean Ecosystems. Volume 1, Issue: 1, Page: 237-244 , 2015. Albena Bulgaria 2015. ISBN 978-619-7105-36-0, ISSN 1314-2704, DOI 10.5593/sgem2015B31, http://www.sgem.org/index.php/call-for-papers/impact-factor Thomson Reuters ISI Web of Knowledge; ISI Proceedings</u></p> <p>6. 2017 - Petres, S., Korodi, A., Keresztes, R., Szép R, Tendencies and particularities in thermic inversion episodes in the Ciuc Basin – Eastern Carpathians, Romania, Applied and Environmental Geophysics, Volume: 17, Issue: 14, Page: 445-452, 2017</p> <p>7. 2017 - Attila Korodi, Sandor Petres, Agnes Keresztesi, Robert Szep, Sustainable Development. Theory or practice?, Environmental Legislation, Multilateral Relations and Funding Opportunities, Volume: 17, Issue: 54, Page: 387-393, 2017</p> <p>1. 2017 - Simona Natalia Raischi, Robert Szép, Cristina Mihaela Balaceanu, Marius Raischi, Diana Dumitru, Andreea Moncea, Lucian Laslo, György Deák, Ágnes Keresztesi, Air pollution analysis in Moldova Noua waste dump, Ecoterra, Volume: 14, Issue: 2, Pages: 70-77, Published: June 2017</p> <p>2. 2017 - Florina-Diana Dumitru, Ana-Maria Panait, Marius-Viorel Olteanu, Elena Holban, György Deák, Robert Szép, Ágnes Keresztesi, Assessing the preservation state of a Romanian historic concrete icon – the Constanta Casino, Ecoterra, Volume: 14, Issue: 3, pp. 1-7, 2017.</p> <p>3. 2017 - Sorin Avram, Andreea M. Ciuinel, Claudiu Iuşan, Andreea M. Manolache, Sandu Ş. Negreanu, Nicolae Manta, Róbert Szép, Applying a new methodology for cave degradation assessment in Romania - case study on Rodna Mountains National Park, ELBA Bioflux, vol. 9, Issue 1, pages: 22 – 31, 2017.</p> <p>4. 2012 - Borboly Csaba, Szép Róbert, Contamination /respectively pollution with pesticides of the soils in the plant protection center of Miercurea Ciuc, Annals of the University of Petrosani, Mining Engineering, Volume: 13, Pages: 314-322, 2012</p> <p>5. Szép R., Arad, V., Arad, S., Salcia energetică o oportunitate privind utilizarea terenurilor degradate din zonele miniere, Revista Minelor, Issue: 9-10, Pages: 53-56, 2008, http://www.upet.ro/revistaminelor/arhiva/rm2008/2008_rezumat_9-10.html</p> <p>1. Szép Robert, Borboly Csaba, Professor Victor Arad, Assoc. Professor Susana Arad, – Determination of the fond values and of the biochemical threshold determined on spontaneous flora from Bălan metteliferos district. 15th</p>
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Conference on Environment and Mineral Processing - Part II - 8.-10.6.2011 VSB-TU OSTRAVA Czech Republic, Page 272-282, ISBN 978-80-248-2388-1 – 2011.

2. KEDVES Alfonz – SÁNTA Levente – MAKFALVI Zoltán – MÁTHÉ István - **SZÉP Róbert**: A Csíki-medence nyílt tükrű vízádóinak hidrogeológiai és hidrogeokémiai elemzése – Mineral waters in the Carpathian Basin, 10th international scientific conference, Miercurea Ciuc, ISBN 978-973-7625-63-2. 2014
3. SÁNTA Levente – KEDVES Alfonz – MÁTHÉ István – **SZÉP Róbert**: Horizontális és vertikális drénezés általi zagytározó stabilizálás - Mineral waters in the Carpathian Basin, 10th international scientific conference, Miercurea Ciuc, ISBN 978-973-7625-63-2. 2014
4. **R. Szép**, R. Keresztes, Deák György, Madalina Georgiana Boboc, Marius Raischi, Study of Atmospheric Stability in Ciuc-Basin and of the Relationship between PM10 and CO Pollutants, 1st International Conference on "Sea and Coastal Development in the frame of Sustainability" MACODESU 2015, September 18-20, 2015 at Karadeniz Technical University in Trabzon, Turkey, pg. 120, **2015**
5. Daescu V., Holban E., Daescu A. I., Tanase G. S., **Szep R.**, Mincu M., Health and Environment relation in Romania, 1st International Conference on „Ecology and Protection of Marine and Freshwater Environments” ECOPROWATER 2015, October 1-3, 2015 at Viterbo – Italy, pg. 38
6. Ilie M., **Szep R.**, Marinescu F., Ghita G., Deak Gy., Petrescu A., Anghel A.M., Uritescu B., Raischi M., Savin I., Ecological risk assessment of heavy metals in surface sediments from the Danube River, 1st International Conference on „Ecology and Protection of Marine and Freshwater Environments” ECOPROWATER 2015, October 1-3, 2015 at Viterbo – Italy, pg.56, **1st Prize at poster presentation**
7. **Szép R** - Energiepolitik in Rumänien - Vizepräsident, Landesbehörde Umweltschutz Besatzung, Bukarest, international conferenece - Zerfällt Europa? – Aktuelle Krisenherde und ihre Bewältigung im Spannungsfeld nationaler Interessen 08. - 09. Oktober 2015
8. **Szép Róbert**, Keresztes Réka, Maxem Emese - The Air Pollutants Chemical Variety of the Ciuc Basin and Changes of the Concentrations Depending on Climatologically and Meteorological Parameters, 22nd International Conference on Chemistry, Timisoara, November 3-6, 2016. Szép. R., Keresztes R., Maxem E. - The air pollutants chemical variety of the Ciuc basin and changes of the concentrations depending on climatological and meteorological parameters – 22th International Conference on Chemistry, 3-6 November, 2016, Timisoara, Romania
9. Keresztesi, Á., **Szép, R.**, Boga, R., Korodi, A., Petres, S, Miklóssy, I. - Precipitation Chemistry in the Ciuc basin. International Symposium, Present Environment and Sustainable Development <http://pesd.ro/>, Book of Abstracts, p. 46 – 47, 2-4, June 2017, Iasi
10. Petres, S., **Szép, R.**, Boga, R., Miklóssy, I. - Studiu comparativ al evoluției temperaturii în depresiunea Ciuc. International Symposium, Present Environment and Sustainable Development, <http://pesd.ro/>, Book of Abstracts, p. 68 – 69, 2-4, June 2017, Iasi
11. Boga, R., **Szép, R.**, Korodi, A., Keresztesi, Á., - Tropospheric ozone temporal variations and relationship to atmospheric oxidation. International Symposium, Present Environment and Sustainable Development, <http://pesd.ro/>, Book of Abstracts, p. 72 – 73, 2-4, June 2017, Iasi
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21. Invitat în cadrul Conferinței pe segment înalt privind Biodiversitatea și Serviciile Ecosistemice, organizată de Comisia Europeană în cooperare cu Comitetul Regiunilor, Bruxelles, 23-24 mai 2019, prezentând poziția României cu privire la ultimul raport IPBES și schimbarea transformativă care este necesară pentru a opri pierderea biodiversității la nivel global.
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Cercetări/Proiecte	<ol style="list-style-type: none"> Grant - Intelligent Energy for Europe – RESINBUIL – Introduction of Renewable Energy Sources in Building sector – Project Manager (2006 08 01 – 2008 01.02), EIE/05/210/SI2.420236, 01.01.2006 – 01.02 2008 – 18,936 euro Grant - Intelligent Energy for Europe – e-TREAM, e-learning tool for training Energy Agencies in mobility management and alternative fuels, Project Manager (2006. 08. 01. – 2008.11.19), EIE/05/094/SI2.419551, 01.01.2006-08.31 2008 Grant - Intelligent Energy for Europe – Energy Trophy + Competition, Project Manager (2006 08. 01 – 2008. 11. 19), EIE/06/209/SI2.448705, 2006 01. 01 - 2009. 02 28. Project partner value 35.672 euro Grant – WideTheSEbySuccMod – Project Manager, SEE/A/080/2.4/X – 150.000 euro Grant – Leonardo da Vinci – E-SUN contract nr. ES/05/B/F/PP-149315, Project manager, 2000-2006. Project value – 43531 euro. Grant - Intelligent Energy for Europe – Save Agency – 85,508 euro – Project manager – contract nr. SAVE 4.1031/A/02-002 Proiect Național – Programul Operațional Sectorial Creșterea Competitivității Economice, axa prioritară – Tehnologia Informației și Comunicațiilor pentru sectoarele privat și public; domeniul major de intervenție – Dezvoltarea și Creșterea Eficienței Serviciilor Publice Electronice – Realizarea și implementarea unui sistem complex e-guvernare la Consiliul Județean Harghita; nr. contract 304/321/18.05.2011; valoarea eligibilă a contractului de finanțare 6.062.626,60 RON; durata 28 luni
Contracte	<p>Expert de mediu (ianuarie 2015 – august 2016) - Institutul National de Cercetare-Dezvoltare pentru Protectia Mediului - Programul Operațional Sectorial Transport - "Monitorizarea impactului asupra mediului a lucrărilor de îmbunătățire a condițiilor de navigație pe Dunăre între Călărași și Brăila, între km 175 și km 375" 2011-2017</p> <p>Hidrogeolog - Studiul fizico-chimic și microbiologic al sistemului de apă potabilă al fabricii de bere de la Sânsimion al companiei Sc. Lixid Project SRL. Nr. inreg. Univ. Sapientia: 57/23.01.2015, Perioada: 23.01.2015 – 31.07.2015. Szerződő felek. Sapientia EMTE -Sc. Lixid Project SRL</p> <p>Hidrogeolog - Studiul fizico-chimic și microbiologic și igienico-sanitar la noua fabrică de bere de la Sânsimion. Nr. de inregistrare Univ. Sapientia: 231/11.12.2015, Perioada: 11.12.2015 – 31.05.2016, Szerződő felek. Sapientia EMTE - Sc. Xindex Eco SRL</p>
Certificări	<p>Certificat Forum Ambiental – 07.2007 – SENDE CO2, 166/200, Forum Ambiental Fund, Barcelona</p> <p>Manager Proiect - 02.02.2008 – 02.08.2008, cod COR 241919, Centrul regional pentru administrația publică locală, Sibiu</p> <p>Expert Achiziții Publice - 19.08.2009 – 23.08.2009, cod COR 241940 SC Dotis Traning SRL</p> <p>Formator – 27.10.2009 – 21.12.2009, cod COR 241205, SC Dima Consulting Grup SRL</p> <p>Rolul instituțiilor publice locale în promovarea județelor – 19.12.2009 – 20.12.2009, Asti</p>

<p>Colegiu de redacție (Editorial Board)</p> <p>Cursuri, perfecționări</p>	<p>Advertising SRL, Miercurea Ciuc</p> <p>Manager Proiect - 01.02.2010 – 23.02.2010, kód COR 241919, SC Profiles International SRL, Brasov</p> <p>Comunicare, Negociere – 08.02.2010 – 11.02.2010, SC Dima Colsulting SRL</p> <p>Expert Achiziții Publice – 24.02.2010 – 09.03.2010, cod COR 241940, SC Profiles International SRL</p> <p>Manager resurse umane - 18.03.2010 – 31.03.2010, cod COR 123207, SC Profiles International SRL</p> <p>Specialist protocol ceremonial – 31.03.2010 – 15.04.2010, cod COR 274404, SC Profiles International SRL, Brassó</p> <p>Specialist îmbunătățire procese - 16.04.2010 – 24.04.2010, cod COR 241928, SC Profiles International SRL</p> <p>EU Certificate – Elaborare de proiecte finanțate prin fondurile structurale, Phare 20051017-553.04. 03.02.01 - Asistența Tehnică pentru Îmbunătățirea Capacității Ministerului Economiei și Comerțului de a Coordona și Administra Fondurile Structurale</p> <ol style="list-style-type: none"> 1. 24th International simposium, 19-21 May 2015, Tulcea, Romania – member of scientific editorial board. http://www.ddni.ro/manager/editor/UserFiles/File/Simpozioane/Simp2015/Flyer_Symp%202015.pdf. 2. International Symposium „Forest and Sustainable Development”, Brasov, Romania 24-25 October 2014 – member of scientific editorial board http://www.unitbv.ro/fsilvic/InternationalSymposium2014/Scientificcommittee.aspx 3. Mineral Waters in the Carpathian Basin – 10th INTERNATIONAL SCIENTIFIC CONFERENCE Miercurea Ciuc. ISBN 978-973-7625-63-2. 2014 Member of Editorial board 4. Mineral Waters in the Carpathian Basin – 13th International Scientific Conference – (Member of the Scientific Board), Sfântu Gheorghe, 2017 5. Simpozionul Internațional "Mediul Actual și Dezvoltarea Durabilă" – a XIII-a ediție/ International Symposium "Present Environment and Sustainable Development" 13th edition, 1-3 Iunie 2018, Iași 6. Romanian Journal of Meteorology - ISSN 2284-6220, ISSN-L 1223-1113, Indexed in Directory of Open Access Journals (DOAJ), http://rjm.inmh.ro/editorial.html 7. Present Environment and Sustainable Development – Indexed in Clarivate -Emerging Sources Citation (ISI indexed), http://pesd.ro/Editorial%20Board.html <p>X. Centrul de Neutroni din Budapesta (Centrul de Cercetare fizică MTA Wigner și Centrul de cercetare energetică MTA); X. Közép-európai neutron iskola. Budapest Neutronközpont (MTA Wigner Fizikai Kutatóközpont és MTA Energiatudományi Kutatóközpont), 4-8 mai 2014.</p>
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	<p>CRISTINA NECHIFOR. Source: Materiale Plastice, Vol. 55, Issue 4, 2018</p> <p>22. Title: In silico analysis of 1,4 – butanediol heterologous pathway impact on Escherichia coli metabolism. Authors: Zsolt Bodor, Lehel Tompos, Aurelia Cristina Nechifor, Katalin Bodor. Source: Revista de Chimie, In press, 2019</p>
	<p>Title: Dew point – indirect particulate matter pollution indicator in the Ciuc basin – Harghita, Romania</p> <p>Author(s): Szép, R., Keresztes, R., Korodi A., Tonk, Sz., Niculae, A.G., Birloiu, A.M. Source: Revista de Chimie, Volume: 67, Issue: 10, Page: 1914-1921, 2016</p> <p>23. Title: Chemical characteristics of wet precipitation in the Eastern Carpathians, Romania Author(s): Keresztes, Á., Korodi, A., Boga, R., Petres, S., Ghita, G., Ilie, M. Source: ECOTERRA - Journal of Environmental Research and Protection, Volume 14, Issue: 2, Page: 52-59, 2017</p> <p>24. Title: Comparative study of air temperature evolution in the Ciuc depression Author(s): Sándor Petres, Réka Boga, Ágnes Keresztes, Ghita Gina, Ilie Mihaela, Deák György. Source: ECOTERRA - Journal of Environmental Research and Protection, Volume 14, Issue: 2, Page: 60-69, 2017</p> <p>25. Title: Tropospheric ozone temporal variations and relationship to atmospheric oxidation Author(s): Réka Boga, Attila Korodi, Ágnes Keresztes, Ghita Gina, Ilie Mihaela, Deák György. Source: ECOTERRA - Journal of Environmental Research and Protection, Volume 14, Issue: 2, Page: 44-51, 2017</p> <p>26. Title: Developing the method for analytical determination of cadmium, arsenic and nickel in ambient air Author(s): Gina Ghita, Maria-Iuliana Marcus, Irina-Elena Ciobotaru, Lucian Laslo, Ecaterina Marcu, Ioana Savin Source: Biointerface Research in Applied Chemistry, Volume: 7, Issue: 4, Page: 2094-2097, 2017</p> <p>27. Title: Statistical analysis of air pollution with specific regard to factor analysis in the Ciuc basin, Romania. Authors: Keresztes R., Rapo E. Source: STUDIA UBB CHEMIA, LXII, 3, 2017 (p. 283-292)</p> <p>28. Title: Evolution of tropospheric ozone and relationship with temperature and NOx for the 2007-2016 decade in the Ciuc depression, Authors: Sándor Petres, Szabolcs Lányi, Marisanda Pîrîianu, Source: Revista de Chimie, vol. 69, nr. 3, pp: 602-608, 2018</p> <p>29. Title: Model driven analysis of the biosynthesis of 1,4-butanediol from renewable feedstocks in <i>Escherichia coli</i>. Authors: Zs. Bodor, Sz. Lányi, B. Albert, K. Bodor, A.C. Nechifor, I. Miklós. Source: Revista de Chimie, In press, 2019</p> <p>30. Title: In silico analysis of 1,4 – butanediol heterologous pathway impact on Escherichia coli metabolism. Authors: Zsolt Bodor, Lehel Tompos, Aurelia Cristina Nechifor, Katalin Bodor. Source: Revista de Chimie, In press, 2019</p> <p>31. The influence of evapotranspiration and wet deposition on the variations of PM10 concentration in the Ciuc basin. Authors: Réka Boga, Zsolt Bodor, Katalin Bodor, Szende Tonk, György Deák, Tímea Perneszi, Ion-Andrei Nita. Source: Present Environment and Sustainable Development, De Gruyter, In press, 2019</p> <p>32. Title: The analysis of the chemical composition of precipitation during the driest year from the last decade. Authors: Ágnes Keresztes, Réka Boga, Zsolt Bodor, Katalin Bodor, Szende Tonk, György Deák, Ion-Andrei Nita. Source: Present Environment and Sustainable Development, De Gruyter, In press, 2019</p> <p>Title: The dry deposition of PM10 and PM2.5 to the vegetation and its health effect in the Ciuc basin Author(s): Szép, R., Keresztes, R., Deák, Gy., Tobă, F., Ghimpusian, M., Craciun, E.M. Source: Revista de Chimie, Volume: 67, Issue: 4, Page: 639-644, 2016</p> <p>33. Title: Economically Efficient Production of Hydro-Alcoholic Extracts from Medicinal Plants Study for <i>Mentha Piperita</i> L. Author(s): ALEXANDRA ANA CSAVDARI, CSABA RACZ, DANA MARIA SABOU, SZENDE AGNES TONK, ION DIN SPIRIDON</p>

	<p>Source: Revista de chimie, Volume 67, Issue: 10, Page: 1906-1913, 2016</p> <p>34. Title: Applicability of Ferromagnetic Nanoparticles in the Retention of Heavy Metals from Aqueous Solutions Author(s): DUMITRA DANIELA CLEJ (SLAVE), IOANA LAVINIA ARDELEAN, GHEORGHE NECHIFOR Source: Revista de chimie, Volume 68, Issue: 6, Page: 1320-1324, 2017</p> <p>35. Title: Chemical characteristics of wet precipitation in the Eastern Carpathians, Romania Author(s): Keresztesi, Á., Korodi, A., Boga, R., Petres, S., Ghita, G., Ilie, M. Source: ECOTERRA - Journal of Environmental Research and Protection, Volume 14, Issue: 2, Page: 52-59, 2017</p> <p>36. Title: Tropospheric ozone temporal variations and relationship to atmospheric oxidation Author(s): Réka Boga, Attila Korodi, Ágnes Keresztesi, Ghita Gina, Ilie Mihaela, Deák György. Source: ECOTERRA - Journal of Environmental Research and Protection, Volume 14, Issue: 2, Page: 44-51, 2017</p> <p>37. Title: Developing the method for analytical determination of cadmium, arsenic and nickel in ambient air Author(s): Gina Ghita, Maria-Iuliana Marcus, Irina-Elena Ciobotaru, Lucian Laslo, Ecaterina Marcu, Ioana Savin Source: Biointerface Research in Applied Chemistry, Volume: 7, Issue: 4, Page: 2094-2097, 2017</p> <p>38. Title: Comparative study of air temperature evolution in the Ciuc depression Author(s): Sándor Petres, Réka Boga, Ágnes Keresztesi, Ghita Gina, Ilie Mihaela, Deák György Source: ECOTERRA - Journal of Environmental Research and Protection, Volume 14, Issue: 2, Page: 60-69, 2017</p> <p>39. Title: Statistical analysis of air pollution with specific regard to factor analysis in the Ciuc basin, Romania. Authors: Keresztesi R., Rapo E. Source: STUDIA UBB CHEMIA, LXII, 3, 2017 (p. 283-292)</p> <p>40. Title: Evolution of tropospheric ozone and relationship with temperature and NOx for the 2007-2016 decade in the Ciuc depression Authors: Sándor Petres, Szabolcs Lányi, Marisanda Pîrîianu Source: Revista de Chimie, vol. 69, nr. 3, pp: , 2018</p> <p>41. The influence of evapotranspiration and wet deposition on the variations of PM10 concentration in the Ciuc basin. Authors: Réka Boga, Zsolt Bodor, Katalin Bodor, Szende Tonk, György Deák, Tímea Perneszi, Ion-Andrei Nita. Source: Present Environment and Sustainable Development, De Gruyter, In press, 2019</p> <p>42. Title: The analysis of the chemical composition of precipitation during the driest year from the last decade. Authors: Ágnes Keresztesi, Réka Boga, Zsolt Bodor, Katalin Bodor, Szende Tonk, György Deák, Ion-Andrei Nita. Source: Present Environment and Sustainable Development, De Gruyter, In press, 2019</p> <p>Title: Multi-model assessment of tropospheric ozone pollution indices of risk to human health and crops, and ozone deposition in Ciuc Depression – Romania Author(s): Szép, R., Keresztesi, R., Constantin, L. Source: Revista de Chimie, Volume: 67, Issue: 3, Page: 408-413, 2016</p> <p>43. Title: Chemical characteristics of wet precipitation in the Eastern Carpathians, Romania Author(s): Keresztesi, Á., Korodi, A., Boga, R., Petres, S., Ghita, G., Ilie, M. Source: ECOTERRA - Journal of Environmental Research and Protection, Volume 14, Issue: 2, Page: 52-59, 2017</p> <p>44. Title: Tropospheric ozone temporal variations and relationship to atmospheric oxidation Author(s): Réka Boga, Attila Korodi, Ágnes Keresztesi, Ghita Gina, Ilie Mihaela, Deák György. Source: ECOTERRA - Journal of Environmental Research and Protection, Volume 14, Issue: 2, Page: 44-51, 2017</p> <p>45. Title: Comparative study of air temperature evolution in the Ciuc depression Author(s): Sándor Petres, Réka Boga, Ágnes Keresztesi, Ghita Gina, Ilie Mihaela, Deák György. Source: ECOTERRA - Journal of Environmental Research and Protection, Volume 14, Issue: 2, Page: 60-69, 2017</p>
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46. Title: Economically Efficient Production of Hydro-Alcoholic Extracts from Medicinal Plants Study for Mentha Piperita L.
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Source: Revista de chimie, Volume 67, Issue: 10, Page:, 2016
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Authors: Keresztes R., Rapo E.
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Authors: Sándor Petres, Szabolcs Lányi, Marisanda Pîrîianu
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Author(s): **Szép, R.**, László, M., Keresztes, R., Ghimpusan, M.

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Author(s): DUMITRA DANIELA CLEJ (SLAVE), IOANA LAVINIA ARDELEAN, GHEORGHE NECHIFOR
Source: Revista de chimie, Volume 68, Issue: 6, Page: 1320-1324, 2017
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Source: ECOTERRA - Journal of Environmental Research and Protection, Volume 14, Issue: 2, Page: 52-59, 2017
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Author(s): ALEXANDRA ANA CSAVDARI, CSABA RACZ, DANA MARIA SABOU, SZENDE AGNES TONK, ION DIN SPIRIDON
Source: Revista de chimie, Volume 67, Issue: 10, Page:, 2016
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Authors: Keresztes R., Rapo E.
Source: STUDIA UBB CHEMIA, LXII, 3, 2017 (p. 283-292)
57. Title: MATHEMATICAL MODELLING OF POLLUTANT DISPERSION IN ATMOSPHERE RESULTING FROM AN ASPHALT MIXTURE PREPARATION PLANT
Authors: M. Ilie, Gy. Deak, AM Anghel, A. Keresztes
Source: 17th International Multidisciplinary Scientific GeoConference SGEM 2017, Vienna GREEN Conference Proceedings, ISBN 978-619-7408-28-7 / ISSN 1314-2704, At Vienna, Austria, Volume: Vol. 17, Issue 43, 429-436 pp

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 Authors: I.F. Barna, M.A. Pocsai, S. Lökös, L. Mátyás
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 Authors: Sándor Petres, Szabolcs Lányi, Marisanda Pîrîianu
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62. Title: The analysis of the chemical composition of precipitation during the driest year from the last decade. Authors: Ágnes Keresztesi, Réka Boga, Zsolt Bodor, Katalin Bodor, Szende Tonk, György Deák, Ion-Andrei Nita. Source: Present Environment and Sustainable Development, De Gruyter, In press, 2019
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71. Title: Rayleigh–Bénard convection in the generalized Oberbeck–Boussinesq system

	<p>Authors: I.F. Barna, M.A. Pocsai, S. Lökös, L. Mátyás Source: Chaos, Solitons and Fractals, Vol. 103, Page: 336-341, 2017. DOI: http://dx.doi.org/10.1016/j.chaos.2017.06.024</p> <p>72. Title: Evolution of tropospheric ozone and relationship with temperature and NOx for the 2007-2016 decade in the Ciuc depression Authors: Sándor Petres, Szabolcs Lányi, Marisanda Pîrîianu Source: Revista de Chimie, vol. 69, nr. 3, pp: , 2018</p> <p>73. The influence of evapotranspiration and wet deposition on the variations of PM10 concentration in the Ciuc basin. Authors: Réka Boga, Zsolt Bodor, Katalin Bodor, Szende Tonk, György Deák, Tímea Perneszi, Ion-Andrei Nita. Source: Present Environment and Sustainable Development, De Gruyter, In press, 2019</p> <p>74. Title: The analysis of the chemical composition of precipitation during the driest year from the last decade. Authors: Ágnes Keresztesi, Réka Boga, Zsolt Bodor, Katalin Bodor, Szende Tonk, György Deák, Ion-Andrei Nita. Source: Present Environment and Sustainable Development, De Gruyter, In press, 2019</p> <p>Title: Chemical characteristics and source analysis on ionic composition of rainwater collected in the Carpathians "Cold Pole", Ciuc basin, Eastern Carpathians – Romania Authors: R. Szép, E. Mateescu, A.C. Nechifor, Á. Keresztesi Source: Environmental Science and Pollution Research, Vol. 24, Issue: 35, pp. 27288-27302, 2018</p> <p>75. Title: Evolution of tropospheric ozone and relationship with temperature and NOx for the 2007-2016 decade in the Ciuc depression Authors: Sándor Petres, Szabolcs Lányi, Marisanda Pîrîianu Source: Revista de Chimie, vol. 69, nr. 3, pp: , 2018</p> <p>76. Title: Characteristics and sources of mercury in precipitation collected at the urban, suburban and rural sites in a city of Southeast China. Authors: Lisi Zhao, Lingling Xu, Xin Wu, Guoqing Zhao, Ling Jiao, Jinsheng Chen, Youwei Hong, Junjun Deng, Yanting Chen, Kai Yang, Gongren Hu, Ruilian Yu. Source: Atmospheric Research, Issue: 211, Pages: 21-29, 2018. DOI: 10.1016/j.atmosres.2018.04.019</p> <p>77. Title: Model driven analysis of the biosynthesis of 1,4-butanediol from renewable feedstocks in <i>Escherichia coli</i>. Authors: Zs. Bodor, Sz. Lányi, B. Albert, K. Bodor, A.C. Nechifor, I. Miklós. Source: Revista de Chimie, In press, 2019</p> <p>78. Title: Ion-molecular Separation with Composite Membranes. VII. Nitrophenols pertraction on capillary polypropylene S-EPDM composite membranes. Authors: ION MARIUS NAFLIU, HUSSAM NADUM ABDALRAHEEM AL ANI, ALEXANDRA RALUCA GROSU (MIRON), SZIDONIA KATALIN TANCZOS, IOANA MAIOR, AURELIA CRISTINA NECHIFOR. Source: Materiale Plastice, Vol. 55, Issue 4, 2018</p> <p>79. Title: Source apportionment of heavy metals in urban road dust in a continental city of eastern China: Using Pb and Sr isotopes combined with multivariate statistical analysis. Authors: Lisi Zhao, Gongren Hu, Yu Yan, Ruilian Yu, Jianyong Cui, Xiaoming Wang, Yan Yan. Source: Atmospheric Environment, Issue: 201, Pages: 201-211, 2019. DOI: 10.1016/j.atmosenv.2018.12.050</p> <p>80. Title: In silico analysis of 1,4 – butanediol heterologous pathway impact on Escherichia coli metabolism. Authors: Zsolt Bodor, Lehel Tompos, Aurelia Cristina Nechifor, Katalin Bodor. Source: Revista de Chimie, In press, 2019</p> <p>81. The influence of evapotranspiration and wet deposition on the variations of PM10 concentration in the Ciuc basin. Authors: Réka Boga, Zsolt Bodor, Katalin Bodor, Szende Tonk, György Deák, Tímea Perneszi, Ion-Andrei Nita. Source: Present Environment and Sustainable Development, De Gruyter, In press, 2019</p> <p>82. Title: The analysis of the chemical composition of precipitation during the driest year from the last decade. Authors: Ágnes Keresztesi, Réka Boga, Zsolt Bodor, Katalin Bodor, Szende Tonk, György Deák, Ion-Andrei Nita. Source: Present Environment and Sustainable Development, De Gruyter, In press, 2019</p> <p>Title: Ammonium Neutralization Effect on Rainwater Chemistry in the Basins of the Eastern Carpathians – Romania Authors: Ágnes Keresztesi, Robert Szép, Alexandru Ozunu, Sandor Petres, Ghita Gina, Dumitru Florina-Diana, Mihaela Andreea Moncea Source: Revista de Chimie, Volume: 69, Issue: 1, Page: 57-63, 2018</p>
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Authors: Sándor Petres, Szabolcs Lányi, Marisanda Pîrîianu

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Semnătura:
 CS I, Dr. Ing. Szép Robert Eugen

