

INFORMAȚII PERSONALE

SZÉP ROBERT-EUGEN

✉ szeprobert@gmail.com; szeprobert@uni.sapientia.ro


Sexul masculin |

PERIENȚA PROFESIONALĂ

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 – 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 – 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 – 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

Agentia 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 - Șef lucrări

Departamentul de Bioinginerie

Universitatea Sapientia din Transilvania , Piața Libertății 1, Miercurea Ciuc RO - 530104)

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

Materii predate: 2013 – laborator de chimie generală și proiect

Geochimia mediului – curs

Hidrogeologie și protecția cursurilor de apă – curs și proiect

Protecția atmosferei - curs și laborator

Strategii și surse energetice regenerabile

Extracția apelor minerale – proiect

01 august 2012 - 01 octombrie 2012 Director General Adjunct

Consiliul Județean Harghita – Direcția de Dezvoltare (Piața Libertății nr. 5, Miercurea Ciuc, RO - 530140. <http://judetulherghita.ro>)

Coordonarea direcției, elaborarea și implementare proiectelor cu finanțare națională și internațională, Elaborare și implementare strategii, turism și protecția mediului, achiziții publice

01 august 2006 – 01 august 2012 Director Executiv

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

Coordonarea proiectelor privind sursele de energii regenerabile, elaborarea unor strategii la nivel județean privind sursele de energii regenerabile și eficiența energetică

01 ianuarie 2004 – 30 iunie 2006 Inginer (inspector de specialitate)

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

Activități de protecție a plantelor coordonarea desfășurării activității în centre

23 octombrie 2001 – 22 aprilie 2003 Inginer Geolog

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

Evaluarea și extracția minereurilor cuprifere, calculul rezervelor de substanțe utile solide, determinarea parametrilor geologici și geochimici, probarea și evaluarea geologică și geochimică a zonelor mineralizate, analize geochimice

EDUCAȚIE ȘI FORMARE
2015 iunie – 2015 octombrie Înalt funcționar public

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

▪ Administrație publică, drept administrativ, comunicare și 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

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INFORMATII SUPLIMENTARE

Competențe organizaționale/manageriale
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

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 PM2.5 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 Uritescu; 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. Keresztesi, 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 ŠMOTLÁKOVÁ, Alžbeta HEGEDŰSOVÁ, 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 Keresztesi, 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 Keresztesi, 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 Mlklossy, Ion-Andrei Nita, Oana A. Oprea, Ágnes Keresztesi, 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 Keresztesi, Maria Suciu, 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/acs.2018.4401
22. Marius-Victor Birsan, Dana-Magdalena Micu, Ion-Andrei Nita, Elena Mateescu, **Róbert Szép**, Ágnes Keresztesi, Spatio-Temporal Changes in Annual Temperature Extremes over Romania (1961-2013), Romania Journal of Physics, In press, 2019

ISI Proceedings

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 Multipdisciplinary Scientific Geoconference SGEM, Water Resources. Forest, Marine and Ocean Ecosystems. Volume 1, Page: 277-283, 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**
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. **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**
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. **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**
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
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
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
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.
3. **2017 - Sorin Avram, Andreea M. Ciuiinel, Claudiu Iuşan, Andreea M. Manolache, Sandu Ş. Negreanu, Nicolae Manta, Róbert Szép**, Applying a new methodology

BDI

Conferințe

- for cave degradation assessment in Romania - case study on Rodna Mountains National Park, ELBA Bioflux, vol. 9, Issue 1, pages: 22 – 31, 2017.
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
 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
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 meteliferous district. 15th 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 Csiki-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 conferece - 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
12. **Szép, R.**, Keresztesi, Á., Korodi, A., Petres, S., Miklóssy, I., Boga, R. - Calitatea aerului în Depresiunea Ciucului - realitate și percepție. International Symposium, Present Environment and Sustainable Development, <http://pesd.ro/>, Book of Abstracts, p. 87 – 88, 2-4, June 2017, Iasi
13. 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. INTERNATIONAL U.A.B. – B.EN.A. CONFERENCE ENVIRONMENTAL ENGINEERING AND SUSTAINABLE DEVELOPMENT, Affiliation: Institutul Național de Cercetare-Dezvoltare pentru Protecția Mediului, DOI: 10.13140/RG.2.2.34453.22247
14. **Szép, R.**, Keresztesi, Á., Boga, R., Korodi, A., Petres, S., Schimbări Climatice. Realitate și percepție. CONFERINȚA INTERNAȚIONALĂ, FENOMENE METEO EXTREME ȘI SISTEME DE AVERTIZARE TIMPURIE ÎN CONTEXTUL MANAGEMENTULUI RISCULUI DEZASTRELOR NATURALE, București, 16- 17 octombrie 2017.
15. Keresztesi Á., **Szép R.**, Boga R., Korodi A., Petres S., Schimbări climatice în Depresiunea Ciucului. CONFERINȚA INTERNAȚIONALĂ, CENTRUL EDUCAȚIONAL PRIVIND ADAPTAREA LA EFECTELE SCHIMBĂRILOR CLIMATICE PERSPECTIVE ȘI COOPERARE LA NIVEL NAȚIONAL ȘI EUROPEAN, Târgu- Mureș, 18- 19 octombrie 2017
16. Keresztesi Á., **Szép R.**, Boga R., Korodi A., Petres S., Efectele schimbărilor climatice asupra ecosistemelor din Depresiunea Ciucului. CONFERINȚA INTERNAȚIONALĂ, ECOSISTEMELE NATURALE ȘI NEVOI DE ADAPTARE ÎN CONTEXTUL SCHIMBĂRILOR CLIMATICE ACTUALE ȘI PREVIZIBILE, Brașov, 20- 21 octombrie 2017
17. Keresztesi Á., **Szép R.**, Boga R., Bodor Zs., Miklóssy I., Precipitation Chemistry and the Influence of Different Sources on the Ionic Composition of Rainwater Collected in Harghita County, Romania, Book of Abstracts, pp. 34, XXIII International Conference of Chemistry, 25-28 October 2017, Deva, Romania
18. Keresztesi Á., **Szép R.**, Bodor Zs., Péter H., Differences on the long-term precipitation chemistry collected at two monitoring stations (Eastern Carpathians, Romania), International Symposium, Present Environment and Sustainable Development, Book of Abstracts, p. 2018, Iasi
19. Ágnes Keresztesi, Róbert Szép, Zsolt Bodor, Réka Boga, Szende Tonk, Ion-Andrei Nita, The Dinaric Alps Foehn Effect on the Ionic Composition of Rainwater Collected in Caras-Severin County, Romania, 24th International Conference on Chemistry, Sovata Bai,

October 24-27, 2018

20. Conducătorul delegației și reprezentul României la Conferințele Părților la Convențiile de la Basel, Rotterdam și Stockholm (Triplu COP), respectiv cea de-a 14-a Conferință la Convenția de la Basel (BC COP-14), cea de-a 9-a Conferință la Convenția Rotterdam (RC COP-9), și cea de-a 9-a Conferință la Convenția de la Stockholm (SC COP-9), Geneva, Elveția, 29 aprilie – 10 mai 2019.
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.
22. Ágnes Keresztesi, Róbert Szép, Marius-Victor Birsan, Ion-Andrei Nita, Zsolt Bodor, Assessing the chemical composition of precipitation over the European continent during the last two decades, 21st edition of the Scientific Research and Education in the Air Force International Conference (AFASES 2019), 28 May-02 June 2019, Brasov, Romania

Cărți

1. A.S. Bădărău, M.I. Bărbos, R. Burlacu, C.M. Ciocănea, L. Ciomei, ..., **R. E. Szép**, Cartarea Ecosistemelor Naturale și Seminaturale Degradate, Editura Academiei Române, București, 2018, ISBN 978-973-27-2902-1

Cercetări/Proiecte

1. 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
2. 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
3. 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
4. Grant – WideTheSEEBbySuccMod – Project Manager, **SEE/A/080/2.4/X** – 150.000 euro
5. Grant – Leonardo da Vinci – E-SUN contract nr. **ES/05/B/F/PP-149315**, **Project manager, 2000-2006. Project value** – 43531 euro.
6. Grant - Intelligent Energy for Europe – Save Agency – 85,508 euro – Project manager – contract nr. **SAVE 4.1031/A/02-002**
7. 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

Expert de mediu (ianuarie 2015 – august 2016) - Institutul National de Cercetare-Dezvoltare pentru Protecția 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

Certificări

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

Hidrogeolog - Studiul fizico-chimic și microbiologic și igienico-sanitar la noua fabrică de bere de la Sânsimion. Nr. de înregistrare Univ. Sapientia: 231/11.12.2015, Perioada: 11.12.2015 – 31.05.2016, Szerződő felek. Sapientia EMTE - Sc. Xindex Eco SRL

Certificat Forum Ambiental – 07.2007 – SENDE CO2, 166/200, Forum Ambiental Fund, Barcelona

Manager Proiect - 02.02.2008 – 02.08.2008, cod COR 241919, Centrul regional pentru administrația publică locală, Sibiu

Expert Achiziții Publice - 19.08.2009 – 23.08.2009, cod COR 241940 SC Dotis Traning SRL

Formator – 27.10.2009 – 21.12.2009, cod COR 241205, SC Dima Consulting Grup SRL

Rolul instituțiilor publice locale în promovarea județelor – 19.12.2009 – 20.12.2009, Asti Advertising SRL, Miercurea Ciuc

Manager Proiect - 01.02.2010 – 23.02.2010, kód COR 241919, SC Profiles International SRL, Brasov

Comunicare, Negociere – 08.02.2010 – 11.02.2010, SC Dima Colsulting SRL

Expert Achiziții Publice – 24.02.2010 – 09.03.2010, cod COR 241940, SC Profiles International SRL

Manager resurse umane - 18.03.2010 – 31.03.2010, cod COR 123207, SC Profiles International SRL

Specialist protocol ceremonial – 31.03.2010 – 15.04.2010, cod COR 274404, SC Profiles International SRL, Brassó

Specialist îmbunătățire procese - 16.04.2010 – 24.04.2010, cod COR 241928, SC Profiles International SRL

EU Certificate – Elaborare de proiecte finanțate prin fondurile structurale, Phare 20051017-553.04. 03.02.01 - Asistenta Tehnica pentru Imbunatatirea Capacitatii Ministerului Economiei si Comerțului de a Coordona si Administra Fondurile Structurale

Colegiu de redacție (Editorial Board)

- 24th International simposium, 19-21 May 2015, Tulcea, Romania – member of scientific editorial board.
<http://www.ddni.ro/manager/editor/UserFiles/File/Simpozioane/Simp2015/FlyerSymp%202015.pdf>.
- International Symposium „Forest and Sustainable Development”, Brasov, Romania 24-25 October 2014 – er of scientific editorial board
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- Mineral Waters in the Carpathian Basin – 10th INTERNATIONAL SCIENTIFIC CONFERENCE Miercurea Ciuc. ISBN 978-973-7625-63-2. 2014 Member of Editorial bord

Cursuri, perfecționări

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>
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 Author(s): **Róbert Szép**, Réka Keresztes, Attila Korodi, Szende Tonk
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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
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Author(s): **Szép, R.**, László, M., Keresztes, R., Ghimpușan, M.

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Authors: M. Ilie, Gy. Deak, AM Anghel, A. Keresztesi
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**Activități didactice
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Authors: Sándor Petres, Szabolcs Lányi, Marisanda Pîrîianu
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Conducere de doctorat

01 septembrie 2017 – Coordonator teze de doctorat – Școala Doctorală de Chimie, Universitatea Pecs, Ungaria:

1. Boga Réka – Evaluarea multimodală a poluanților atmosferici și al ozonului troposferic în bazine continentale închise (data susținerii tezei: 06.2021)
2. Keresztes Ágnes – Caracterizarea chimiei precipitațiilor și analiza surselor de proveniență a ionilor în bazinele intramontane a Carpaților Orientali, România (data susținerii tezei: 06.2021)
3. Bodor Katalin – Comportamentul PM₁₀ și PM_{2.5} în diferite condiții de climă în depresiunile intramontane din Carpații Orientali. Impactul asupra sănătății umane și vegetației; tendințe pe termen lung (data susținerii tezei: 06.2022)

Materii predate școala doctorală: Geochimia mediului, Fizica atmosferei

Data: 10.06.2019

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