

**PERSONAL
INFORMATION**

KIM LIDIA



📍 Home: 6 Telega Street, Bl. B, Ap. 64, sector 1, Bucharest, Romania
 Office: 71-73 Drumul Podu Dambovitei Street, sector 6, Bucharest, Romania
 ☎ + 4021 410 03 77 – extt. 120 📠 +40 723 529 206
 ✉ lidia.kim@incdecoind.ro; evmt@incdecoind.ro; li diakim17@yahoo.com

Sex Female | Date of birth 17.03.1976 | Nationality Romanian

**WORK
EXPERIENCE**

Dates
Occupation or
position held

2011 - present
Senior Scientific Researcher 2nd degree; Chemist; Head Department

Name and address of
employer

**National Research and Development Institute for Industrial Ecology – ECOIND, Bucharest
Environmental Pollution Assessment and Monitoring Department**

Address: 71-73 Drumul Podu Dambovitei St., sector 6, Bucharest, zip code 060652, Romania,
 Tel. +04 021410 6716 / 4100377, external 262, Fax +4021 4100575/ 4120042,
 e-mail: ecoind@incdecoind.ro; website: <http://www.incdecoind.ro>

Main activities and
responsibilities

- Coordination of scientific, economic and administrative activity in the department;
- Coordinating and participating in the research programs by involved in the elaboration of the specific papers, as a program/project coordinator and/or as member research team, in the research areas specific to the department;
- Coordination and active participation in the elaboration of national and international project proposals by the department;
- Elaboration of proposals and formalities necessary for the scientific valorisation of the research results by publication of articles, books or oral presentation;
- Coordination and verification of the analytical activity requested by the key persons for the scientific research theme carried out in the department;
- Promoting modern work methods and techniques appropriate to the type and context of contamination of the analyzed samples;
- Ensuring the development of adequate technical solutions in analytical profile based on scientific documentation;
- Determination of hazardousness degree, storage conditions and transport conditions of various types of waste in accordance with the enforced legislation
- Studies on the assessment of the impact of anthropogenic activities on the quality of environmental factors (water, soil, sediment).

Accumulated
experience

Experience in analytical techniques, such as: Inductively coupled plasma mass spectrometry (ICP- MS), Atomic absorption spectrometry flame atomization (FAAS), Molecular absorption spectrometry UV-VIS and Infrared spectroscopy (IR);
 - Involvement in research projects as project coordinator or as research team member more than 7 years.

Type of business or sector : Industrial ecology/ Scientific researcher / Environmental protection

Dates 2006 - 2010
Occupation or position held Assistant scientific researcher
Name and address of employer **University of Bucharest, Faculty of Chemistry,**
Address: 36-46 M. Kogălniceanu Bvd, Sector 5, 050107, Bucharest, Romania, Tel. +4021 307 7300
www.chimie.unibuc.ro

Main activities and responsibilities
Accumulated experience

- Membership in the research projects;
- Involvement in coordination and verification laboratory work students;
- Experience in supramolecular chemistry and advanced materials (cyclodextrins, calixarene);
- Experience in membranes and recognition studies of biological compounds with advanced materials such as cyclodextrins and calixarene and analytical techniques (UV-VIS, SEM, FTIR).

Type of business or sector : High Education

EDUCATION AND TRAINING

Period May 2018
Domain studied General requirements for the competence of testing and calibration laboratories according to ISO / IEC 17025: 2017
Name of the professional institution / organization **CERTIND Personnel Training Center**
Type of qualification Certificate no. L1.10-2018

Period February 2017
Domain studied Trainer
Name of the professional institution / organization **National Authority for Qualifications**
Type of qualification Certificate no. L/Nr. 00102949

Period August 2016
Domain studied Risk management
Name of the professional institution / organization **National Research and Development Institute for Industrial Ecology – ECOIND**
Type of qualification Certificate no. 13/2016/02

Period August 2016
Domain studied Managerial internal control system
Name of the professional institution / organization **National Research and Development Institute for Industrial Ecology – ECOIND**
Type of qualification Certificate no. 13/2016/01

Period February 2016
 Domain studied Quality assurance and control in environmental testing laboratories
 Name of the professional institution / organization **Institutul Național de Cercetare-Dezvoltare pentru Ecologie Industrială – ECOIND**
 Type of qualification Certificat

Period 2006 - 2011 Level EQF 8
 Domain studied **Studii de doctorat**
 Name of the professional institution / organization **University of Bucharest Faculty of Chemistry**
 Regina Elisabeta Bvd. No. 4-12, Sector 3, zip code 030018, Bucharest, Romania
www.chimie.unibuc.ro
 Type of qualification Diploma - PhD in chemistry

Period 1995 - 2000 Level EQF 6
 Domain studied **Studii de licenta**
 Name of the professional institution / organization **University of Bucharest Faculty of Chemistry**
 Regina Elisabeta Bvd. No. 4-12, Sector 3, zip code 030018, Bucharest, Romania
www.chimie.unibuc.ro
 Type of qualification Diploma – Licentiate in chemistry

PERSONAL SKILLS

Mother tongue Romana

| Other language | UNDERSTANDING | | SPEAKING | | WRITING |
|----------------|---------------|---------|--------------------|-----------|---------|
| | Listening | Reading | Spoken interaction | Listening | Reading |
| Engleza | B2 | C2 | A2 | A2 | B1 |

Communication skills - Good communication skills acquired through oral presentations at various conferences, symposiums and workshops

Organisational / managerial skills - Good organizational and managerial skills - currently lead a team of 12 people

Job-related skills - Knowledge of the Environmental Quality and Risks System
- Elaboration of national / international research projects

Digital skills

| SELF-ASSESSMENT | | | | |
|------------------|------------------|------------------|------------------|------------------|
| Content creation | Content creation | Content creation | Content creation | Content creation |
| Advanced level | Advanced level | Advanced level | Advanced level | Advanced level |

Driving licence B

ADDITIONAL
INFORMATION

List of publications
Book chapter

Ata Amini, 2018, Sedimentation Engineering, Editor IntechOpen, Croatia, ISBN 978-1-78923-002-4, Author: **Kim Lidia**, Vasile Gabriela Geanina, Pascu Luoana Florentina, Stanescu Bogdan, Anghelache Alina Maria, Batrinescu Gheorghe, Cristea Nicolae Ionut. Chapter: *Spatio-temporal evolution of sediments pollution with mobile heavy metals in an abandoned mining area from Romania*.

ISI Publications

1. *Removal of Metals from Aqueous Solutions Using Sea Buckthorn Waste from Dietary Supplement Technology*. **Lidia Kim**, Gina-Alina Catrina (Traistaru), Georgiana Cernica, Vasile Staicu, Mariana Popescu and Cristina Ileana Covaliu. *Sustainability*, 13, 1441, 2021.
2. *CO-Processing - Towards Economic Sustainability*. Madalina Arama, **Lidia Kim***. *Environmental Engineering and Management Journal*, 20 (1), 109-119 (2021).
3. *The Chemical Fractions and Leaching of Heavy Metals in Ash from Medical Waste Incineration using Two Different Sequential Extraction Procedures*. **Lidia Kim**, Gina Alina Catrina (Traistaru)*, Bogdan Stanescu, Luoana Florentina Pascu, Tanase Gheorghita, Daniel Manolache., *Revista de Chimie*, ISSN 2537-5733, 70(1), 269-274, (2019), FI 1,412.
4. *Waste hazardousness evaluation handling specific issues according to the waste type*. **Lidia Kim**, Georgeta Madalina Arama, Adriana Cuciureanu, Doina Guta. *Environmental Engineering and Management Journal*, ISSN 1582-9596, 17 (12), 2945-2956 (2018), FI 1,334.
5. *Ecological risk prediction in relation to the potential detrimental consequences at disposal of different industrial wastes*. **Kim Lidia**, Arama Georgeta Madalina. *Environmental Engineering and Management Journal*, ISSN 1582-9596, 2018, Vol. 17, No. 9, pp. 2201-2210, FI 1,334.
6. *Distribution of Trace Metals in Surface Water and Streambed Sediments in the Vicinity of an Abandoned Gold Mine from Hunedoara County, Romania*. **Kim Lidia**, Vasile Gabriela Geanina, Stanescu Bogdan, Dinu Cristina, Ene Corina., *Revista de Chimie*, ISSN 2537-5733, (67), 8, 1441 – 1446, (2016), FI 1,412.
7. *Distribution and bioavailability of mobile arsenic in sediments from a mining catchment area*. **Lidia Kim**, G. G. Vasile, B. Stanescu, S.Calinescu, G. Batrinescu. *Journal of Environmental Protection and Ecology*, ISSN 1311-5065, 16, No 4, 1227–1236, 2015, FI 0,679.
8. *Selective membrane transport of amino acids by functionalised calix[4]arenes*. **Lidia Kim**, A. Hamdi, A. D. Stancu, R. Souane, L. Mutihac, J. Vicens, *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, ISSN 1388-3127, 66 (1-2), pp. 55-59, 2010, FI 1,316.
9. *Extraction and transport behaviour of aromatic amino acids by modified cyclodextrin*. **Lidia Kim**, A. D. Stancu, E. Diacu, H. J. Buschmann, L. Mutihac, *Supramolecular Chemistry*, ISSN 1061-0278, 21 (1-2), pp. 131-134, 2009, FI 1,451
10. *Platinum Group Elements in Road Dust and Vegetation from Some European and National Roads with Intensive Car Traffic in Romania*. Gabriela Geanina Vasile, Cristina Dinu, **Lidia Kim***, Anda Tenea, Marius Simion, Corina Ene, Claudiu Spinu, Eleonora Mihaela Ungureanu, Daniel Manolache., *Revista de Chimie*, ISSN 2537-5733, 70(1), 286-292 (2019), FI 1,412 – * autor de corespondenta

11. *Soil and vegetation pollution from an abandoned mining area situated in Hunedoara County, Romania.* Dinu Cristina, Ungureanu Eleonora Mihaela, Vasile Gabriela Geanina, **Kim Lidia**, Ionescu Ioana Ene Corina, Simion Marius. *Revista de Chimie*, ISSN 2537-5733, 2018, 69 (1), p. 14-20, FI 1,412.

12. *Evaluation of the bioavailability and pollution indexes of some toxic metals in polluted soils from an abandoned mining area.* Dinu Cristina, Ungureanu Eleonora Mihaela, Vasile Gabriela Geanina, **Kim Lidia**, Pascu Luoana Florentina, Simion Marius. *Revista de Chimie*, ISSN 2537-5733, vol. 69, no. 11, pp. 4141-4147, 2018, FI 1,412.

13. *Evaluation of the relevant environmental aspects of some locations intended for new investments.* Stanescu Bogdan, **Kim Lidia**, Traistaru Gina, Cuciureanu Adriana, Tanase Gheorghita. *Revista de Chimie*, ISSN 2537-5733, vol. 69, no. 11, pag. 4161-4165, 2018, FI 1,412.

14. *The Groundwater Quality of the Area Tailings Mining Ponds in the North of Romania.* Adriana Cuciureanu, **Lidia Kim**, Carol Blaziu Lehr, Corina Ene. *Revista de Chimie*, ISSN 2537-5733, (68), 8, 2017, FI 1,412.

15. *Rheological Properties and Stability of Squalene Emulsion Prepared with Non-Ionic Emulsifier.* Alina Maria Anghelache, **Lidia Kim**, Adriana Cuciureanu, Gheorghe Batrinescu, Luoana Florentina Pascu. *Revista de Chimie*, ISSN 2537-5733, (68), 8, 2017, FI 1,412.

16. *Environmental Impact Assessment of Odours from Solid Waste Landfills Located in Highly Urbanized Areas.* Andrei Vasile, Valeriu Danciulescu, Tanase Gheorghita, **Lidia Kim**, Violeta Dediu. *Revista de Chimie*, ISSN 2537-5733, (68), 8, 2017, FI 1,412.

17. *Practical aspects of hydrogeological investigations and assesment of the environmental components pollution in urban areas. Case study.* B. Stanescu, Gh. Batrinescu, A. Cuciureanu, **Lidia Kim**, D. Scradeanu, M. Scradeanu, *Journal of Environmental Protection and Ecology*, ISSN 1311-5065, 15 (3) pp. 870-877, 2014, FI 0,679.

18. *Establishing interrelations between saturated and unsaturated zone premises for studying hazards near municipal landfills. Case study.* B. Stanescu, Gh. Batrinescu, **Lidia Kim**, *Journal of Environmental Protection and Ecology*, ISSN 1311-5065, 14 (4) pp. 1608-1613, 2013, FI 0,679.

19. *Mass spectrometric behaviour of functionalized calix[4]arenes: the screening ability of host–guest complex formation with amino acid methyl esters.* A. Medvedovici, F. Albu, A. Hamdi, R. Souane, **Lidia Kim**, L. Mutihac, J. Vicens, *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, ISSN 1388-3127, 71 (3-4), pp. 545-555, 2011, FI 1,316.

20. *Extraction behaviour of amino acid esters by functionalised calix[4]arenes.* A. Hamdi, R. Souane, **Lidia Kim**, R. Abidi, L. Mutihac, J. Vicens, *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, ISSN 1388-3127, 64 (1-2), pp. 95-100, 2009, FI 1,316.

21. *The obtaining of high sensitivity and specificity transducer media for sensors specialized in biological toxin detection.* N. Petrea, P. Z. Iordache, V. Somoghi, I. Savu, M. Muresan, R. Petre, L. Rece, R. Lungu, A. Pretorian, G. Mitru, B. Dionezie, B. Savu, L. Mutihac, **Lidia Kim**, V. Ordeanu, *Digest Journal of Nanomaterials and Biostructures*, ISSN 1842-3582, 4 (4), pp. 699-712, 2009, FI 0,673

22. *The coating of $n[\text{SiO}1.5\text{-(CH}_2\text{)}(3\text{)}(\text{NH}_2\text{)}]$ ultrathin layers on the surface of Fe_3O_4 nanoparticles and the analysis of their coating dynamics.* P. Z. Iordache, V. Somoghi, I. Savu, N. Petrea, G. Mitru, R. Petre, B. Dionezie, V. Ordeanu, **Lidia Kim**, L. Mutihac. *Optoelectronics and Advanced Materials-Rapid Communications*, ISSN 1842-3582, 2 (8), pp. 491-497, 2008, FI 0,386.

Conferences ISI Proceedings

1. *Experimental models of characterization and analysis of industrial waste.* **Lidia Kim**, Alina-Maria Muresan, Adriana Cuciureanu, Doina Guta, Madalina Arama, Nicolae Ionut Cristea, Violeta Dediu. International Symposium "The Environment and the Industry", SIMI 2017, DOI: <http://doi.org/10.21698/simi.2017.0018>.
2. *ECOLIB, Library of National R&D Institute for Industrial Ecology, an on-line tool for environmental topics area.* Gabriela Geanina Vasile, Ionut Radu Popescu, Theodor Iamandi, **Lidia Kim**, Calin Maxim, Catalina Stoica, Ioana Ionescu, Olga Tiron, Stefania Gheorghe, Marius Simion. International Symposium "The Environment and the Industry", SIMI 2017, DOI: <http://doi.org/10.21698/simi.2017.0040>.
3. *Assessment of the environmental aspects in a city area affected by historical pollution.* Bogdan Stanescu, **Lidia Kim**, Carol Lehr, Elena Stanescu. International Symposium "The Environment and the Industry", SIMI 2017, DOI: <http://doi.org/10.21698/simi.2017.0016>.
4. *The assessment of dangerousness of waste. Case study: waste originating from drilling muds.* Doina Guta, Adriana Cuciureanu, **Lidia Kim**, Madalina Arama. International Symposium "The Environment and the Industry", SIMI 2017, DOI: <http://doi.org/10.21698/simi.2017.0024>.
5. *General scheme to evaluate the dangerousness of wastes in order to manage them by producer/holder organizations.* Georgeta Madalina Arama, **Lidia Kim**, Doina Guta. International Symposium "The Environment and the Industry", SIMI 2017, DOI: <http://doi.org/10.21698/simi.2017.0019>.
6. *Ecological assessment of mobile cadmium in sediments from Certej mining site, Hunedoara County, Romania.* Gabriela Geanina Vasile, **Lidia Kim**, Stefania Gheorghe, Bogdan Stanescu 13th SGEM GeoConference on Ecology, Economics, Education And Legislation, WOS:000349062300040, ISBN:978-619-7105-04-9, Albena, Bulgaria, 2013.

Other conferences

1. *Optimised method for determination of minor elements from romanian biomass ash.* Gina Alina Catrina (Traistaru), Bogdan Stanescu, **Lidia Kim**, Agnes Serbanescu, Georgiana Cernica. 19th International Multidisciplinary Scientific GeoConference SGEM 2019, Albena, Bulgaria, 28 june – 7 july 2019, Conference Proceedings Vol. 19, Energy and Clean Technologies, ISSUE: 4.1 pp. 741-748
2. *Practical aspects regarding the potential to affect the quality of environmental components in intensively agriculture areas of romania, in the context of climate changes.* Bogdan Stanescu, **Lidia Kim**, Gina Alina Catrina (Traistaru), Adriana Cuciureanu, Agnes Serbanescu. 19th International Multidisciplinary Scientific GeoConference SGEM 2019, Albena, Bulgaria, 28 june – 7 july 2019, Conference Proceedings Vol. 19 Ecology, Economics, Education and Legislation, ISSUE: 5.1 pp. 825-832.
3. *Recent approaches regarding the selection of appropriate methods for the characterization and analysis of used oils in order to assessment of the metals content.* **Kim Lidia**, Stanescu Bogdan, Cuciureanu Adriana, Arama Madalina Georgeta, Traistaru Gina Alina, 18th International Multidisciplinary Scientific GeoConference SGEM 2018, Albena, Bulgaria, 30 june - 9 july 2018, pp. 121 – 128, doi:10.5593/sgem2018/4.2.
4. *Conceptual model regarding the management of main flow waste in the context of circular economy.* **Lidia Kim**, Bogdan Stanescu, Agnes Serbanescu, Adriana Cuciureanu, Madalina Arama. 21th International Symposium „The

- Environment and the Industry” SIMI 2018, 20-21 september, 2018, Bucuresti, pag 63-64, 2018, doi: 10.21698/simi.2018.ab23.
5. *End of waste criteria for oil wastes*. Georgeta Madalina Arama, **Lidia Kim**, Adriana Cuciureanu, Agnes Serbanescu, Ileana Nicolescu, Mona Barbu, Bogdan Stanescu, Gina Traistaru. 21th International Symposium „The Environment and the Industry” SIMI 2018, 20-21 september, 2018, Bucuresti, pag. 206-214, 2018, doi: 10.21698/simi.2018.fp25.
 6. *Environmental assessment of a location intended for implementation of an investment project*. Bogdan Stanescu, **Lidia Kim**, Gina Traistaru, Adriana Cuciureanu, Gheorghita Tanase. 21th International Symposium „The Environment and the Industry” SIMI 2018, 20-21 september, 2018, Bucuresti, pag 65-66, 2018, doi: 10.21698/simi.2018.ab24.
 7. *Pollution indexes for soil quality assessment*. Cristina Dinu, Eleonora-Mihaela Ungureanu, **Lidia Kim**, Luoana Florentina Pascu, Marius Simion. 21th International Symposium „The Environment and the Industry” SIMI 2018, 20-21 september, 2018, Bucuresti, pag 71-72, 2018, doi: 10.21698/simi.2018.ab27.
 8. *ECOLIB, Library of National R&D Institute for Industrial Ecology, first Romanian Repository in the environmental topics area*. Gabriela Geanina Vasile, Ionut Radu Popescu, Catalina Stoica, Olga Tiron, **Lidia Kim**, Stefania Gheorghe. 3rd International Colloquium Energy and Environmental Protection, 14-16 november 2018, Ploiesti, Book of Abstract, pag. 52-53, 2018.
 9. *The determination of lead, chromium, arsenic and selenium in sediments and soil samples by electrothermal atomic absorption spectrometry using chemical modifiers*. Violeta Dediu, **Lidia Kim**, Cristiana Cosma, Doina Guta. International Symposium "The Environment and the Industry" pp 416-421; doi:10.21698/simi.2016.0058.
 10. *Assessment of urban soil quality in major cities in romania. Case studies*. Bogdan Stanescu, **Lidia Kim**, Adriana Cuciureanu, Carol Blaziu Lehr. International Symposium "The Environment and the Industry" pp 112-118; doi:10.21698/simi.2016.0013.
 11. *Using waste hierarchy concept for optimizing the management of the waste disposal amount and implicitly of the possible ecological risk*. Georgeta Madalina Arama, **Lidia Kim**. International Symposium "The Environment and the Industry" pp 66-72; doi:10.21698/simi.2016.0007.
 12. *Adverse effects induced by activities developed in the municipal wastewater treatment plants in the proximity areas*. Adriana Cuciureanu, Bogdan Stanescu, **Lidia Kim**. International Symposium "The Environment and the Industry" pp 330-335; doi:10.21698/simi.2016.0045.
 13. *Heavy metal contamination of roadside soil near Sun Highway in Romania*. Alina-Maria Anghelache, **Lidia Kim**, Adriana Cuciureanu, Gheorghe Batrinescu, Luoana Florentina Pascu. International Symposium "The Environment and the Industry" pp 351-358; doi:10.21698/simi.2016.0065.
 14. *Distribution and bioavailability of mobile arsenic in sediments from a mining catchment area*. **Lidia Kim**, Gabriela Geanina Vasile, Bogdan Stanescu, Simona Calinescu, Gheorghe Batrinescu. International Symposium "The Environment and the Industry" – SIMI 2015, octombrie 29-30, Bucuresti, Romania.
 15. *Elements of urban ecology: water quality assessment of the lakes build up on Colentina River in Bucharest area*. Bogdan Stanescu, Gheorghe Batrinescu, Adriana Cuciureanu, **Lidia Kim**, Elena Stanescu. International Symposium "The Environment and the Industry" – SIMI 2015, octombrie 29-30, Bucuresti, Romania.

16. *Environmental risk assessment a practical approach in case of specific activities to locomotives maintenance and exploitation.* Adriana Cuciureanu, Bogdan Stanescu, **Lidia Kim**, Gheorghe Batrinescu. International Symposium "The Environment and the Industry" – SIMI 2015, octombrie 29-30, Bucuresti, Romania.
17. *Studies on time variation of the concentration of petroleum products from groundwater in an area related to a decommissioned fuel storage (poster).* Simona Calinescu, Ramona Dumitrache, **Lidia Kim**. International Symposium "The Environment and the Industry" – SIMI 2015, octombrie 29-30, Bucuresti, Romania.
18. *Gas chromatographic analysis of squalene from vegetable oils and byproducts of oil processing (poster).* Ionut Nicolae Cristea, **Lidia Kim**, Gheorghe Batrinescu. International Symposium "The Environment and the Industry" – SIMI 2015, octombrie 29-30, Bucuresti, Romania.
19. *Spatial distribution and temporal variation of concentrations of heavy metals in soil and groundwater in the area with metalliferous minerals processing activities (poster).* Simona Calinescu, **Lidia Kim**, Gheorghe Batrinescu, Bogdan Stanescu, Ramona Dumitrache. International Symposium "The Environment and the Industry" – SIMI 2015, octombrie 29-30, Bucuresti, Romania.
20. *Vulnerability of the groundwater to nutrient pollution of a county in the south-eastern of Romania.* B. Stanescu, Gh. Batrinescu, **Lidia Kim**, A. Cuciureanu. SGEM 2014 Conference Proceedings, Vol. 2. 2014.
21. *Analytical investigations concerns regarding Ni and Pb distributions and mobility in river sediments affected by mining activities.* **Lidia Kim**, Georgiana Cisnovschi, Bogdan Stanescu, Gheorghe Batrinescu. International Symposium "The Environment and the Industry" – SIMI 2013, octombrie 29-30, Bucuresti, Romania.
22. *Evaluation of mobile cadmium in sediment samples collected from Certej mining site – effects on aquatic ecosystems.* Gabriela Vasile, **Lidia Kim**, Stefania Gheorghe, Bogdan Stanescu, Simona Calinescu. A XXXII-a Conferinta Nationala de Chimie, octombrie 3-5, 2012, Calimanesti-Caciulata, Romania.
23. *Some analytical applications of modified cyclodextrins (poster)* **Lidia Kim**, Ana Delia Stancu, Cristian Baltariu, Elena Diacu, Hans-Jürgen Buschmann, and Lucia Mutihac. The 2th International Symposium on Macrocyclic and Supramolecular Chemistry, June 24-28, 2007, Salice Terme, Italy.
24. *Extraction and transport behaviour of aromatic amino acid by modified cyclodextrins (poster)* **Lidia Kim**, Ana Delia Stancu, Valentina Atena Hotaranu, and Lucia Mutihac. The 3th International Symposium on Macrocyclic and Supramolecular Chemistry July 13-18, 2008, Las Vegas, SUA.
25. *Functionalized calixarenes as transporters of biological compounds (poster).* **Lidia Kim**, Petrisor Zamora Iordache, Abdelwaheb Hamdi, Alexandru Biziru, Jacques Vicens, and Lucia Mutihac. The 4th Joint International Symposium on Macrocyclic and Supramolecular Chemistry, June 21-25, 2009, Maastricht, The Netherlands.
26. *Aspects of recognition and transport of amino acids and peptides by synthetic receptors.* Lucia Mutihac, **Lidia Kim**, Ana Delia Stancu, Hans-Jürgen Buschmann, Jacques Vicens., 10th International Conference on Calixarenes (ICC), July 13-16, 2009, Seoul, South of Korea.
27. *Selective membrane transport of amino acids by functionalized calix[4]arenes (poster).* **Lidia Kim**, Stancu Ana Delia, Abdelwaheb Hamdi, Jacques Vicens, and Lucia Mutihac.. 10th International Conference on Calixarenes (ICC), July 13-16, 2009, Seoul, South of Korea.

28. *Functionalized calixarenes as transporters through liquid membrane (poster)*. Ana Delia Stancu, **Lidia Kim**, Petrisor Zamora Iordache, and Lucia Mutihac. The 3th International Symposium on Macrocyclic and Supramolecular Chemistry July 13-18, 2008, Las Vegas, SUA.
29. *Cyclodextrins involved in separation of amino acids by liquid membrane (poster)*. Ana Delia Stancu, Madalin Ceausescu, **Lidia Kim**, Elena Diacu, Lucia Mutihac. "Systems membranes-complex roadmaps toward functional devices and coupled processes". Membrane Materials and Technologies. EMS - xxvii Summer School, June 14 - 19, 2010, Bucharest, ROMANIA.

Experience in research projects

| No. | Project title | Function | Project name |
|-----|---|-----------------------------------|---|
| 1 | Research regarding new methods, techniques and procedures for management and evaluation of waste – acronym DESEVAL | Project manager | NUCLEU PROGRAM (PN 19 04 04 01) 2019 – 2022 |
| 2 | Innovative research to support the achievement of national targets aligned with EU policy regarding waste management in the context of the concept of circular economy, acronym INODES. | Project manager | NUCLEU PROGRAM (PN 18 05 04 01) 2018 |
| 3 | Development and implementation of methods for analysis and characterization of industrial wastes, acronym METDES. | Project manager | NUCLEU PROGRAM (PN 16 25 01 07) 2016-2017 |
| 4 | Research on the assessment of pollution of soil and vegetation with heavy metals in the vicinity of road traffic zones, acronym SOLVEG. | Project manager | NUCLEU PROGRAM (PN 09 13 02 26) 2015 |
| 5 | Evaluation of metallic elements pollution of aquatic ecosystems and soils contaminated by mining activities. | Project manager | NUCLEU PROGRAM (PN 09 13 02 19) 2014 |
| 6 | The mobility study of some priority hazardous substances in the sediments of rivers polluted by industrial human activities. | Project manager | NUCLEU PROGRAM (PN 09 13 02 06) 2012-2014 |
| 7 | SIPOCA 393 - Activity 1. Development and implementation of an evidence-based public policy at the level of MCI, Sub-activity 1.5. - Approval of a public policy in the field of RDI at the level of MCI | Expert Politici Publice | Operational Program Administrative Capacity (2014-2020), SIPOCA 393 |
| 8 | Research on the geochemical assessment of the natural background and the establishment of reference thresholds for the soil and water environment components, in the European context of the implementation of strategic measures for the protection of soils and groundwater, GEFOSA | Team member | NUCLEU PROGRAM (PN 19 04 02 03) 2019 – 2022 |
| 9 | Research on establishing the quality status of soils in various intensively cultivated agricultural areas in Romania, acronym CLIMASOL | Team member | NUCLEU PROGRAM (PN 18 05 02 03) 2018 |
| 10 | Promoting, identifying and building partnerships in the field of industrial ecology – PARTENER ECOIND | Member of the implementation team | Operational Program Competitiveness ID/SMIS 2014; |
| 11 | Institutional Development Project of INCD ECOIND, acronym ECOSOFTIND. | Member of the implementation team | PNCDI III, Financing agreement no. 2PFE/16.10.2018 |

| | | | |
|----|--|-------------|---|
| | | | 2018-2020 |
| 12 | Hydrochemical model of urban ecology. Study on the quality of lake waters in Bucharest. | Team member | NUCLEU PROGRAM (PN 09 13 02 18) 2012-2014 |
| 13 | Research on the peculiarities of groundwater contamination matrices in the area of a tailings mining pond. | Team member | NUCLEU PROGRAM (PN 16 25 02 02) 2016-2017 |
| 14 | Research on the nature of the ionic species of some hazardous pollutants - metals in surface waters and their transformations. | Team member | NUCLEU PROGRAM (PN 09 13 02 02) 2014 |
| 15 | Geochemical study of groundwater with free level at regional scale - case study. | Team member | NUCLEU PROGRAM (PN 09 13 02 11) 2014 |
| 16 | Model of management of environmental issues specific to rural communities, in the context of preserving the natural heritage and increasing the quality of life. | Team member | NUCLEU PROGRAM (PN 09 13 04 15) 2012-2013 |
| 17 | Hazardous waste determination methodology | Team member | NUCLEU PROGRAM (PN 09 13 01 13) 2014 |
| 18 | Mobile system of detection, identification and monitoring biological and chemical | Team member | PNII 2007 - 2010 |
| 19 | Mobile system for rapid monitoring of biological and chemical agents for strategically important objectives | Team member | PNII 2007-2010 |

PROJECTS EVALUATION

PROGRAMME
HORIZON EUROPE
2021-2027

Call: HORIZON-CL4-2021-TWIN-TRANSITION-01-02,
Topic: Zero-defect manufacturing towards zero-waste (Made in Europe Partnership)
Type of action: Innovation Action (IA) – 2021

ARTICLE REVIEWS

JOURNAL

Water (open access) ISSN: 2073-4441,
Atmosphere (open access) ISSN: 2073-4433,
Minerals (open access) ISSN: 2075-163X,
Applied Science (open access) ISSN: 2076-3417,

Nov. 2021

Signature

