

Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) Liliana ZAHARIA
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Nationality Romanian

Date of birth April 22nd, 1964

Gender female

Desired employment / Occupational field Professor / higher education

Work experience

Dates	<ol style="list-style-type: none"> 1. October, 2006 - present 2. October, 2002 - September, 2006 3. February, 1998 - September, 2002 4. October, 1992 - January, 1998 5. October, 1989 - September, 1992 6. September, 1986 – October, 1989
Occupation or position held	<ol style="list-style-type: none"> 1. professor 2. senior lecturer 3. university lecturer 4. university assistant 5. researcher hydrologist 6. professor of geography and French language

Main activities and responsibilities	<ol style="list-style-type: none"> 1. Teaching and research activities 2. Teaching and research activities 3. Teaching and research activities 4. Teaching and research activities 5. Research activities 6. Teaching activities
Name and address of employer	<ol style="list-style-type: none"> 1. Faculty of Geography, Bucharest University, Department of Meteorology and Hydrology 2. Faculty of Geography, Bucharest University, Department of Meteorology and Hydrology 3. Faculty of Geography, Bucharest University, Department of Meteorology and Hydrology 4. Faculty of Geography, Bucharest University, Department of Meteorology and Hydrology 5. National Institute of Meteorology and Hydrology of Bucharest 6. Industrial Secondary School nr. 3 of Buzau
Type of business or sector	<ol style="list-style-type: none"> 1. Higher education 2. Higher education 3. Higher education 4. Higher education 5. Research 6. Preuniversity education
Education and training	
Dates	<ol style="list-style-type: none"> 1. September, 2000 – December, 2002 2. October, 1993 – December 1997 3. September, 1982-June 1986 4. September 1978 – June 1982
Title of qualification awarded	<ol style="list-style-type: none"> 1. Postgraduates diploma courses "Hydrology and management of water resources" 2. PhD Geography, specialty - Physical Geography 3. Professor of Geography and French/First degree, B.A. 4. Educator/Baccalaureate Certificate
Principal subjects/occupational skills covered	<ol style="list-style-type: none"> 1. Research skills 2. Research skills 3. Teaching and research skills 4. Teaching skills
Name and type of organisation providing education and training	<ol style="list-style-type: none"> 1. EPF Lausanne, University of Neuchâtel, ETH Zürich, postgraduate courses "Hydrology and management of water resources" 2. Faculty of Geography, Bucharest University 3. Faculty of Geology and Geography, Bucharest University, specialization Geography - French language 4. Pedagogic College of Ploiesti

Level in national or international classification

1. Postgraduate studies
2. Doctoral studies
3. Higher studies
4. secondary studies

Personal skills and competences

Mother tongue(s) Romanian

Other language(s) **1. French**
2. English

Self-assessment
European level ()*

French
English

		Understanding		Speaking		Writing	
		Listening	Reading	Spoken interaction	Spoken production		
1	C2		C2		C2		C2
2	B2		C1		B2		B1

(*) [Common European Framework of Reference for Languages](#)

Social skills and competences

Organisational skills and competences

Technical skills and competences

- Training course *Initiation in GIS* (with certificate), Paris 7 University - Denis Diderot, Doctoral School E.E.S.C. , June 6th - 10th , 2005;
- Training course *Initiation in Data analysis* (with certificate), Paris 7 University - Denis Diderot, Doctoral School E.E.S.C., June 13th - 17th, 2005;
- Training course *Initiation in Analysis of images of remote sensing* (with certificate), Paris 7 University - Denis Diderot, Doctoral School E.E.S.C., June 20th - 24th, 2005;

Computer skills and competences

Artistic skills and competences

Other skills and competences

Driving licence Category B

- AUF grant of perfection in research, Paris 7 University - Denis Diderot UMR 8586 of the CNRS (PRODIG), June 1 - 30th, 2005.
- School of projects (3rd edition), University of Bucharest, March 7-11th, 2005 (with diploma);
- Courses of *Internal audit in The Management of the Quality*, organized by TÜV Rhineland Romania, in January, 2007 (with diploma);
- Participation in the seminar "How to write a competitive proposition for European Framework Program 7", July 2007, ASE Bucharest (with diploma);
- Participation on the course *Des rivières et des hommes* organized by Grenoble INP and distributed by web.platform FUN (Novembre – December 2014) (with certificate).

SCIENTIFIC ACTIVITY

A. PUBLICATIONS

1. Scientific books/book chapter: 8 (of which 4 in volumes published abroad)
2. Academic courses, practical works, and guides of practical activities: 11
3. Articles in scientific journals/ reviews:

Total: 136, of which:

- a. articles in journals/proceedings rated/indexed in ISI databases: 11
- b. articles in foreign scientific journals: 4
- c. articles indexed in international databases (IDB) and Bplus: 30
- d. articles published in other scientific journals: 23
- e. articles/abstracts published in international/national conference proceedings: 71

B. PARTICIPATIONS ON SCIENTIFIC MEETINGS (CONFERENCES):

Total: **158 presentations**, of which:

- a: international conferences: 125
- b: national conferences: 33

C. RESEARCH PROJECTS (GRANTS)

1. National projects
 - a: Project director: 3
 - b. Member in research team: 14
2. International projects
 - a: Project director/responsible: 4
 - b. Member in research team: 1

D. PhD coordinator

Since 2007, 10 students defended their theses and 10 are underway of preparing.

ADMINISTRATIVES AND SCIENTISTS RESPONSIBILITIES

- Director of the postgraduates study "Sustainable Management of Water Resources".
- Director of the Research Centre "Water Resources Management of and Hydrological Risks" (since 2006).
- Expert evaluator of project propositions made by students, PhD students and doctors for obtaining an international grants, to the Rumanian Ministry of Teaching
- Expert evaluator of project propositions made by students, PhD students and doctors for obtaining an AUF (University Agency of the French-speaking world of Bucharest) grant.
- Expert evaluator of research projects finances by the C.N.C.S.I.S., C.N.M.P., UEFISCDI (national scientific institutions).
- Evaluator expert at A.R.A.C.I.S.
- Scientific referent of review: *Comunicări de geografie* (published by the Faculty of Geography of the University of Bucharest), *Limnogeography Review*, *Riscuri si catastrofe* (Cluj-Napoca), *Analele științifice ale Universității "Alexandru Ioan Cuza" (Iași)*.
- Member of Scientific Committee of the Annual Colloquium of the International Association of Climatology (AIC) (2006 - present).
- Vice-editor of the journal „Analele Universității din București”, Geography series (since 2010)
- Member of Director Council of the Faculty of Geography, University of Bucharest (since 2004).
- Member of Director Council of the Doctoral School “Simion Mehedinți” (since 2008).
- Member of Quality Committee of the Faculty of Geography, University of Bucharest (since 2007).

OTHER ACTIVITIES AND SIGNIFICANT ASPECTS

- Person in charge with the bilateral collaboration between the Faculty of Geography, Bucharest University and UFR of Geography of UST Lille (until now we organized three meetings in Bucharest in 1999, 2001 and Lille, in 2000).
- Person in charge of exchanges within the framework of the ERASMUS Program, with the universities of Lille, Paris, Le Mans, Montpellier, and Malaga.
- Participations to the ERASMUS Program: conferences and seminars in Rome (Universita Degli Studi Roma Tre, on 2003), in Lille (University of the sciences and Technologies of Lille, on 2004), and in Paris (Paris 7 Denis Diderot University, 2012, 2015).
- Member of the committee responsible for ERASMUS - SOCRATES grants at the Faculty of Geography, University of Bucharest.
- Professor invited for courses and conferences at the University Paris 7 (in March, 2006) and at the Maine University from Mans (in October 2008).
- Member of societies and scientific organizations:
 - The Romanian Society of the Geographers;
 - The Romanian Association of the Hydrological Sciences;
 - The International Association of Climatology;
 - The International Water Association.
 - The Romanian Association of Limnogeography
 - The EGU.

Annexes

List of the main publications and scientific projects

LIST OF THE MAIN PUBLICATIONS AND RESEARCH PROJECTS

A. SCIENTIFIC BOOKS/BOOK CHAPTER:

1. Zaharia Liliana, (1999), *Resursele de apă din bazinul râului Putna. Studiu de hidrologie* (Water resources in Putna catchment. A hydrological study) Editura Universității din București, 305p., ISBN 973-575-334-0.
2. Zaharia Liliana (2005) *Apele și Hazarde hidrologice (Water and Hydrological hazards)*, chapters in the volume *Hazardele naturale din Carpații și Subcarpații dintre Trotuș și Teleajen. Studiu geografic (Natural hazards in Carpathians and Subcarpathians between Trotuș and Teleajen Rives. Geographical study)*, (2005), coord. Sandu Maria and Bălțeanu Dan, Ed. Ars Docendi, p.47 – 59 și 176 – 181, ISBN 973-558-200-7.
3. Zaharia Liliana, (2005), *Studiul resurselor de apă din Carpații și Subcarpații Curburii în vederea optimizării valorificării lor pentru alimentarea populației din județele aferente regiunii (Study on water resources in Curvature Carpathians and Subcarpathians area to optimize their use for the population supply)* in the volume „Lucrări și rapoarte de cercetare. Centrul de cercetare „Degradarea terenurilor și Dinamica geomorfologică”, vol. I, Ed. Universității București, p. 137 – 171, ISBN 973737012-9.
4. **Liliana Zaharia**, Florina Grecu, Gabriela Ioana-Toroimac, and Gianina Neculau 2011, *Sediment Transport and River Channel Dynamics in Romania – Variability and Control Factors* in *Sediment Transport in Aquatic Environments*, Andrew J. Manning (Ed), 293 – 316, InTech, ISBN 978-953-307-586-0. <http://www.intechopen.com/articles/show/title/sediment-transport-and-river-channel-dynamics-in-romania-variability-and-control-factors>. Indexed in Google Scholar, CiteSeerX, Mendeley, BASE (Bielefeld Academic Search Engine), EBSCO/A-to-Z, SciFinder/CAS (Chemical Abstracts Service), Scirus, The Collection of Computer Science Bibliographies, WorldCat/OCLC/OAISTER
5. **Liliana Zaharia**, Gabriela Ioana-Toroimac, 2013, *Romanian Danube River management: Impacts and perspectives*, in *European Continental Hydrosystems under Changing Water Policy*, G. Arnaud-Fassetta, E. Masson & E. Reynard (Editors), Verlag Friedrich Pfeil, München, 159 – 170.
6. Gabriela Ioana-Toroimac, G. Minea, **Liliana Zaharia**, R. Zarea, Mihaela Borcan, 2013, *Hydrogeomorphological River typology in the Ialomița and Buzău catchments (Romania)*, in *European Continental Hydrosystems under Changing Water Policy*, G. Arnaud-Fassetta, E. Masson & E. Reynard (Editors), Verlag Friedrich Pfeil, München, 261 – 272.
7. Salit Florence, Beltrando Gérard, **Zaharia Liliana**, 2013, *From the impact of July 2005 flood to river management: study case of the Lower Siret River (Romania)*, in *European Continental Hydrosystems under Changing Water Policy*, G. Arnaud-Fassetta, E. Masson & E. Reynard (Editors), Verlag Friedrich Pfeil, München, 273 – 280.
8. Florina Grecu, **Liliana Zaharia**, Cristina Ghiță, Laura Comănescu, Emil Cărciumaru, Maria Albu (Dinu), 2012, *Sisteme hidrogeomorfologice din Câmpia Română. Hazard - vulnerabilitate – risc*, Ed. Universității din București, 308 p.

B. ACADEMIC COURSES, PRACTICAL WORKS, AND GUIDES OF PRACTICAL ACTIVITIES:

1. Pișota Ion, **Zaharia Liliana**, (1995), *Hidrologie. Lucrări practice (Hydrology. Practical works)*, Tipografia Universității București, p. 161 – 184, ISBN 973-9160-69-7.
2. Pișota Ion, **Zaharia Liliana** (2001, 2002), *Hidrologie (Hydrology)*, Editura Universității din București, 447p, ISBN 973-575-587-4.
3. **Liliana Zaharia**, Daniel DIACONU, Ioan SARBU, (2002), *Ghid de activitate practică- Hidrologie (Practical guide – Hydrology)*, Universitatea București, Credis, București, 53 p., ISBN 973-8336-25-2.
4. Pișota Ion, **Zaharia Liliana**, (2003), *Hidrologia uscatului (Continental hydrology)*, Editura CREDIS, București, 170 p., ISBN 973-8336-91-0.
5. Pișota Ion, **Zaharia Liliana**, (2003), *Hidrologia uscatului (Continental hydrology)*, Editura Universitară, București, 233p., ISBN 973-8499-26-7.
6. **Liliana Zaharia**, Daniel Diaconu, Ioan Sârbu, (2003), *Activități practice de hidrologie în arealul „Porțile de Fier”* (Practical works in hydrology in „Porțile de Fier” area) Editura CREDIS, București, 56 p., ISBN 973 – 8336 – 77 – 5.
7. Alexandrescu V., Gheorghilaș A., Ghincea M., Matei E., Peptenatu D., Suditu B. A., Tălângă C., **Zaharia L.**, Zamfir D., (2004), *Țara Maramureșului și Bucovina. Ghid aplicație – anul III de studiu*, Ed. Semne, București, 93 p., ISBN 973-624-195-5.
8. Pișota Ion, **Zaharia Liliana**, Diaconu Daniel (2005), *Hidrologie (Hydrology)*, Editura Universitară, București, 256 p., ISBN 973-749-002-9.
9. Pătru Ileana, **Zaharia Liliana**, Oprea Răzvan, (2006), *Geografia Fizică a României. Clima, Apele, Vegetația, Solurile (Physical geography of Romania. Climate, Waters, Vegetation, Soils)*, Editura Universitară, București, 175 p., ISBN 978-973-749-065-0; 973-749-065-7.

10. Alexandrescu V., Clius M., Gheorghilaș A., Matei E., Peptenatu D., Suditu B. A., Tălângă C., Uscatu T., **Zaharia L.**, Zamfir D., 2004, *Transilvania – Maramureș – Bucovina. Aplicație științifică și metodologică*, Ediția a II-a reactualizată, Ed. Semne, București, 82 p., ISBN 973-624-195-5 (also in electronic format).
11. Pișota Ion, **Zaharia Liliana**, Diaconu Daniel (2010), *Hidrologie (Hydrology)* (ed. a II-a), Editura Universitară, București, 256 p., ISBN 978-606-591-1.

C. SCIENTIFIC PAPERS

Articles in journals/proceedings rated/indexed in ISI databases::11

1. Zaharia Liliana, (1998), *Tendances dans l'évolution des transferts de matières en suspension dans les Subcarpathes de Courbure, en relation avec les modifications du milieu naturel*, Revue Géomorphologie: relief, processus, environnement, nr.1, Paris, p. 3-15, ISSN 1266-5304.
2. **Zaharia Liliana**, Gabriela Ioana-Toroimac, 2009, *Erosion dynamics – precipitation relationship in the Carpathian Curvature Region (Romania)*, Geografia Fizica et Dinamica Quaternaria (Geogr.Fiz.Dinam.Quat.), 32, p. 95 – 102 (in Web of Science, including the Science Citation Index Expanded –SCIE- as well as the ISI Alerting Services) ISSN 1724-4757.
3. Gabriela Ioana-Toroimac, Robert Dobre, Florina Grecu, **Liliana Zaharia**, 2010, *Evolution 2D de la bande active de la Haute Prahova (Roumanie) durant les 150 dernières années*, Géomorphologie : relief, processus, environnement, 3, p. 275 – 286 (revistă cotată ISI și indexată în bazele de date Cybergeo, Geo-Ref, Pascal-Francis, Science Citation Index Expanded et Journal Citation Reports, Science Edition), ISSN 1957-777X F
4. Florina GRECU, **Liliana ZAHARIA**, Cristina GHITA, Lavinia VACARU, 2010, *The dynamic factors of hydrogeomorphic vulnerability in the central sector of the Romanian plain*, METALURGIA INTERNATIONAL vol . XV (2010), Special issue no . 9, p. 139-148 (ISSN 1582-2214) (**revistă indexată în THOMSON SCIENTIFIC MASTER JOURNAL LIST**, letter M, position 400; EBSCO database; SCOPUS database; ELSEVIER BIBLIOGRAPHIC DATABASES; Science Citation Index Expanded - Sci Search; Journal Citation Reports/Science Edition).
5. Marius-Victor Bîrsan, **Liliana Zaharia**, Viorel Chendeș, Emilia Brănescu, 2012, Recent Trends In Streamflow In Romania (1976–2005), *Romanian Reports in Physics, Vol. 64, No. 1, 275–280*, http://rrp.infim.ro/2012_64_1/art24Birsan.pdf
6. Gabriela Ioana-Toroimac, **Liliana Zaharia**, Gabriel Minea, Mihaela Borcan, 2012, Channel typology based on stability criteria. Case study: Ialomița and Buzău watersheds (Romania), *Procedia Environmental Sciences 14*, ELSEVIER, 177 – 187 (Available online at www.sciencedirect.com).
7. Camelia-Eliza Telteu, Liliana Zaharia, 2012, Morphometrical and dynamical features of the South Dobrogea lakes, Romania, *Procedia Environmental Sciences 14*, ELSEVIER, 164 – 176 (Available online at www.sciencedirect.com).
8. F. Salit, **L. Zaharia**, G. Beltrando, 2013, Assessment of the warning system against floods on a rural area: the case of the lower Siret River (Romania), *Nat. Hazards Earth Syst. Sci.*, 13, 409–416, www.nat-hazards-earth-syst-sci.net/13/409/2013/doi:10.5194/nhess-13-409-2013 (Impact Factor: 1.751).
9. Birsan MV, **Zaharia L.**, Chendes V, Branescu E., 2013, Seasonal trends in Romanian streamflow, *Hydrological Processes*, doi: 10.1002/hyp.9961, <http://onlinelibrary.wiley.com/doi/10.1002/hyp.9961/abstract> (Impact Factor: 2.497).
10. Grecu F., **Zaharia L.**, Ghiță C., 2013, *Hydrogeomorphological Vulnerability in Romanian Plain*, Zeitschrift für Geomorphologie, Vol. 57, Suppl. 3, 003-028, Stuttgart (DOI :10.1127/0372-8854/2013/S-00141)
11. Gabriela Ioana-Toroimac, **Liliana Zaharia**, Gabriel Minea, 2015, Using Pressure and Alteration Indicators to Assess River Morphological Quality: Case Study of the Prahova River (Romania), *Water* 7(6), 2971-2989; doi:10.3390/w7062971 <http://www.mdpi.com/2073-4441/7/6/2971>

Articles indexed in international databases (IDB) (after 2007)

1. **Zaharia Liliana**, Gérard Beltrando, (2007), *Variabilité spatiale et temporelle de la pluviométrie dans la région de la Courbure de l'Arc Carpatique : étude par Analyse en Composantes Principales*, Revue Roumaine de Géographie, Toms 47 – 48, p. 175 – 184, 2003 – 2004, București, DOAJ, INDEX COPRNICUS, SCIPPIO s.a.
2. Grecu F., Zăvoianu I., **Zaharia L.** et Comănescu L., 2007, – *Analyse quantitative du réseau hydrographique du bassin versant du Slanic (Roumanie)*, Physio-Géo - Géographie Physique et Environnement, nr. 1, <http://www.physio-geo.fr/accueil.htm>. 79-93, ISSN: 1958-573X, <http://physio-geo.revues.org/1051>, DOAJ, American Geosciences Institute.
3. **Liliana Zaharia**, Simona Catană, Eugen Crăciun, Gabriela Ioana-Toroimac, (2008), *Flood vulnerability of Tecuci city : the role of natural and socio-economic factors*, Riscuri și catastrofe, an VII, nr. 5, p. 130 – 140, Ed. Casa Cărții de Știință, Cluj Napoca, ISN : 1584-5273, DOAJ, INDEX COPRNICUS.
4. Zaharia Liliana, (2009), *Glacier Risks and Disasters in the Alps Mountains*, Studia Universitatis Babeș Bolyai, Geographia, 3, p 146 – 153, Cluj University Press, ISSN: 1221-079X, GEOREF, EBSCO, Index Copernicus, Worldcat.org, British Library, ProQuest s.a.

5. Zaharia Liliana, (2009), *Identification des regions homegenes du point de vue hydrologique. Etude de cas: la region de la Courbure de l'Arc Carpatique*, Revue Roumaine de Geographie, vol. 53, nr. 1, p. 71-80, București, DOAJ, INDEX COPERNICUS, SCPIO s.a.
6. **Zaharia Liliana**, Beltrando G., 2009, *Variabilité et tendances de la pluviométrie et des débits de crue dans la région de la Courbure de l'Arc carpatique (Roumanie)*, Geographia Technica, pag. 471 – 476, ISSN : 2065-4421, Indexed by SCOPUS.
7. Beltrando G., **Zaharia Liliana**, 2009, *Episodes hydro-pluviométriques extrêmes et types de circulation atmosphérique associés en Roumanie*, Geographia Technica, Numéro spécial dédié au XXII-eme Colloque International de Climatologie, Cluj University Press, pag. 53 – 58, ISSN : 2065-4421, Indexed by SCOPUS.
8. Zaharia Liliana, (2010), *Culture et mémoire du risque inondation*, Riscuri și catastrofe, an IX, vol. 8, nr. 2, Ed. Casa Cărții de Știință, Cluj Napoca, p. 33 – 54, ISSN 1584-5273, DOAJ, INDEX COPERNICUS.
9. Zaharia Liliana, (2010), *The Iron Gates reservoir – aspects concerning hydrological characteristics and water quality*, Lakes, reservoirs and ponds. Romanian Journal of Limnology, 4, 1-2, pag. 52 -69, ISSN 1844-6477, [Index Copernicus](#), [DOAJ](#), [Google Scholar](#), [Academic Journals Database](#), [Electronic Journals Library](#).
10. Neculau (Chirilă) Gianina, **Zaharia Liliana**, (2010), *Maximum Flow Variability and Flood Potential in Troțuș Catchment Area*, Studia Universitatis Babeș Bolyai, Geographia, LV, 1, Cluj University Press, p.87-98, ISSN: 1221-079X, GEOREF, EBSCO, Index Copernicus, Worldcat.org, British Library, ProQuest s.a..
11. Zaharia Liliana, (2011), *Utilisation de la télédétection et des SIG dans la régionalisation hydrologique*, Analele Universității București, ser. Geogr., p. 51-63, SOWIPORT GESIS, DOAJ, PRORCH, EBSCO.
12. Minea G., Ioana-Toroimac G., **Zaharia L.**, Zarea R., Borcan M., 2011, Spatial Variation of Stream Power in the Buzău and Ialomița River Cathcmets (Romania), vol. *Aerul și Apa – Componente ale mediului*, Presa Universitară Clujeană, Cluj-Napoca, pag. 283 - 291. Indexată în baza de date: DOAJ - DIRECTORY OF OPEN ACCES JOURNALS (ISSN: 2067-743X). <http://www.doaj.org/doaj?func=openurl&genre=journal&issn=2067743X> .
13. Minea G., **Zaharia L.**, 2011, Structural and Non-Structural Measures for Flood Risk Mitigation in the Bâsca River Catchment (Romania), *Forum geografic. Studii și cercetări de geografie și protecția mediului*, Volume 10, Issue 1 / june 2011, Ed. Universitaria Craiova pp. 157 – 166 (www.forumgeografic.ro) DOI: 10.5775/fg.2067-4635.2011.034.i (ISSN 1583-1523 – printed version; ISSN 2067-4635 – online version). Indexată în bazele de date: DOAJ - DIRECTORY OF OPEN ACCES JOURNALS, EBSCO Publishing, Index Copernicus și clasificată B+
14. Minea, G., **Zaharia Liliana** (2011), *Geomorphological impact of floods in the Bâsca Catchment (ROMANIA)*, Revista de geomorfologie, 13, 1, 67-44, EBSCO.
15. G. Ioana-Toroimac, **L. Zaharia**, S. Catană, G. Minea, 2012, *Relation between river lateral dynamics and floods. Case study: Moara Domneasca village (on lower Teleajen River)*, vol. *Aerul și Apa – Componente ale mediului*, Presa Universitară Clujeană, Cluj-Napoca, pag. 283 - 291. Indexată în baza de date: DOAJ - DIRECTORY OF OPEN ACCES JOURNALS (ISSN: 2067-743X).
16. **Zaharia L.**, 2013, L-moments and their use in maximum discharges' analysis in Curvature carpathians region, vol. *Aerul și Apa – Componente ale mediului*, Presa Universitară Clujeană, Cluj-Napoca, pag. 119-126. Indexată în baza de date: DOAJ - DIRECTORY OF OPEN ACCES JOURNALS (ISSN: 2067-743X).
17. Mereș R., **Zaharia L.**, 2014, *Research and valorization history of mineral waters in Brașov County*, vol. Air and Water Components of the Environment Conference, Cluj- Napoca, E. Casa Cărții de știință, pag. 407-414. Indexată în baza de date: DOAJ - DIRECTORY OF OPEN ACCES JOURNALS (ISSN: 2067-743X).
18. Zaharia L., Ioana-Toroimac G., Costache R., Crăciun E., 2015, *The flood potential and measures for flood risk mitigation in Tecuci City*, vol. Air and Water Components of the Environment Conference, Cluj- Napoca, E. Casa Cărții de Știință, pag. 56-63. Indexată în baza de date: DOAJ - DIRECTORY OF OPEN ACCES JOURNALS, EBSCOhost - world's foremost premium research database service, [ULRICHWEB](#), Academic Journals Database (ISSN: 2067-743X).
19. Tănase I., Zaharia L., 2015, Impact of the reservoirs on the river low flow and measures to mitigate the negative effects, vol. Air and Water Components of the Environment Conference, Cluj- Napoca, E. Casa Cărții de Știință, pag. 332-339. Indexată în baza de date: DOAJ - DIRECTORY OF OPEN ACCES JOURNALS, EBSCOhost - world's foremost premium research database service, [ULRICHWEB](#), Academic Journals Database (ISSN: 2067-743X).

Articles in foreign scientific journals:

1. Zaharia Liliana, (2003), *Les ressources en eau de la Roumanie: gestion et qualité*, în *Cahiers de géographie physique*, no. 14, GGMN Lille, p. 37 –49., ISSN: 0758-8836.
2. **Zaharia Liliana**, Beltrando Gérard, Bigot Sylvain, Oszwald Johann, Petrache Ruxandra, (2002), *Pluviométrie extrême, en période chaude, dans le bassin-versant de la Putna (Roumanie) et circulation atmosphérique sur l'Europe Centrale*, Publications de l'Association Internationale de Climatologie, Volume 14, Aix-en-Provence, p. 236 – 242., ISSN: 1140-0307, ISBN: 2-907696-14-19.
3. **Zaharia Liliana**, Petrache Ruxandra, (2003), *Particularités hydrochimiques des rivières de la région de la courbure de l'Arc Carpatique*, în *Cahiers de géographie physique*, no. 14, GGMN Lille, p. 50 –58, ISSN: 0758-8836.

4. Ioana Toroimac Gabriela, **Zaharia Liliana**, Sylvain Bigot, Gérard Beltrando, (2006), *Activité végétale et caractéristiques hydroclimatiques en Dobroudja (Roumanie) : l'apport des données SPOT-4 Végétation*, revue Télédétection, vol. 6., nr. 3, Ottawa, p. 195 – 204, ISSN 1028 – 7336.

Articles / abstracts published in volumes and / proceedings of international scientific meetings (after 2010):

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6. CATANĂ Simona, **ZAHARIA Liliana**, CRĂCIUNESCU Vasile, 2010, *Utilisation des techniques de la télédétection et des SIG pour le suivi du couvert végétal dans le bassin versant de Teleajen (Roumanie)*, Résumés des Communications, XII^{ème} Journées scientifiques du Réseau Télédétection, Monastir (Tunisie), p. 51-53.
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14. **Zaharia L.**, Catană S., Ioana-Toroimac G., Crăciunescu V., 2011, *Apport de la géomatique à l'analyse de la couche de neige. Etude de cas: le bassin-versant de Teleajen (Roumanie)*, XXIV^{ème} Colloque de l'Association Internationale de Climatologie, „Climat montagnard et risques”, Rovereto (Italie), 6 – 10 septembre 2011, p. 609 – 614.
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52. Moroșanu G. A., **Zaharia L.**, 2014, *Lacul de acumulare Fântânele și influența sa asupra regimului scurgerii râului Desnățui*, Abstracts volume of the Annual Scientific Conference of the Faculty of Geographie „Changing geographies and societies”, 15th November, Bucharest, p. 158-159, ISBN 978-606-16-0548-4.
53. Ioana-Toroimac G., **Zaharia L.**, Minea G., Sârbu I., 2014, *Starea hidromorfologică a sectorului cu meandre a râului Prahova*, Abstracts volume of the Annual Scientific Conference of the Faculty of Geographie „Changing geographies and societies”, 15th November, Bucharest, p. 166-167, ISBN 978-606-16-0548-4.

Other scientific works

Editor of the volume *Actes de la Première Rencontre Géographique Franco-Roumaine*, 2000, Editura Universității București, 118 p., ISBN 973-575-484-3.

D. RESEARCH PROJECTS

Participation on 16 research projects, among which 5 as director of project:

Project Director

National projects:

- *Study of the water resources in Curvature Carpathians and Subcarpathians region for the optimization of its use in the water supply of the population in the departments of the region*, financed by CNCSIS, 1999 - 2001.
- *Methods of maximum flow regionalization*, financed by CNCSIS, 2003 - 2004.
- *Study of the hydrology of the dam reservoir Iron Gates I and of its influence on the morpho-dynamics of the Romanian slope, for the sustainable management of water resources and landscape*, financed by CNCSIS, 2005 - 2007.

International projects

- *Climate changes and hydrological impacts in the Romanian Carpathians*, Sciex-NMSch bilateral project, in collaboration with University of Lausanne (2012 – 2013). Directors/Mentors: Zaharia Liliana and Stuart Lane. PhD Barbu (Perju) Ruth Elena.
- *Risques associés au système hydro-géomorphologique et aménagement du territoire* (2011-2012), bilateral project Brâncuși – Egide, in cooperation with Paris 7 Denis Diderot University.
 - *Les risques hydro-morphologiques dans la région de la courbure de l'Arc Carpatique et leur gestion* (2005), project in cooperation with Paris 7 Denis Diderot University, financed by AUF.
 - *Les risques hydroclimatiques et leur gestion - le cas des inondations de Roumanie* (2008), project in cooperation with Paris 7 Denis Diderot University, financed by AUF.

Member of the teams of 14 research projects

In the last 6 years:

- *Methods and techniques for analysis of the landscapes in Subcarpathian Region between Prahova and Rm. Sarat rivers their sustainable management*, 2006-2008, manager prof. Ileana PATRU.
- *The hydrogeomorfologic system in the geomorphometrical concept and morphometrical modern theories. Applications in diagnosis of hazards and risks in areas of the Romanian Plain*, 2009 – 2011, manager prof. Florina GRECU.
- *The vulnerability of communities and of the environment to floods in Romania in the context of global environmental changes*, Contract no. 52/2012, Program Partnerships in priority areas, axis 3 – Environment; Coordinator Institute of Geography, (IGAR); 2012-2016.

E. PRESENTATIONS ON SCIENTIFIC MEETINGS (CONFERENCES)

158 presentations: 125 were made in international scientific meetings and 33 in national meetings. Among the international participations: Paris (1995, 2009, 2013), The Hague (1996), Lille (2000, 2004), Seville (2001), Roma (2003), Lyon - Grenoble (2003), Reims (2004), Marrakech (2004), Genoa (2005), Epernay (France, 2006), Vienne (Austria, 2007, 2010, 2012, 2013), Cartagena - Tunis (Tunisia, 2007), Savona (Italy, 2007), Montpellier (2008), Cairo (2008), Melbourne (2009), Monastir (Tunisia, 2010), Hurgada (Egipt, 2010), Rovereto (Italy, 2011), Sion (Swiss, 2011), M'sila (Algeria, 2012), Ohrid (Macedonia, 2012), Grenoble (2012), Mulhouse (France, 2013), Dijon (2014), Dubrovnik (Croatia, 2014), Deggendorf (Germany, 2014), Prague (2015), Liège (2015)..

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