Curriculum vitae
Europass

Informaţii personale

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Experienţa profesională

octombrie 2021 – prezent
lector universitar **în cadrul Facultății de Geografie și Geologie, Universitatea „Alexandru Ioan Cuza", Iași**

iunie 2022 – prezent
cercetător științific în cadrul proiectului *"Evaluarea climatului urban: condiție de bază al dezvoltării rezilienței locale la schimbările climatice în regiunea de dezvoltare nord-est a României"* (Acronim UCLAR)/PN-III-P1-1.1-TE-2021-0882

august 2020 – decembrie 2023
Membru cercetător al **Romanian Young Academy (RYA)** finanțată de Fundația Mercator - implementat de Universitatea București – Institutul de Cercetări al Universității din București (ICUB)

ianuarie 2018 – decembrie 2020
Director de proiect în cadrul grantului intern UAIC: GI-UAIC-2017-05 „CLIMATUL URBAN ÎN MUNICIPIUL IASI: OBSERVAȚII, IMPACT ȘI ADAPTARE".

martie 2017 – septembrie 2021
asistent universitar în cadrul Facultății de Geografie și Geologie, Universitatea „Alexandru Ioan Cuza", Iași

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Director de proiect în cadrul grantului intern UAIC: GI-UAIC-2017-05 *„CLIMATUL URBAN ÎN MUNICIPIUL IASI: OBSERVAȚII, IMPACT ȘI ADAPTARE".*

octombrie (2017) – septembrie 2018
Climatolog și Responsabil impact antropic în cadrul proiectului „Elaborarea Planurilor de management pentru ariile protejate ROSCI0310 Lacurile Fălticeni, ROSCI0389 Sărăturile de la Gura Ialomiței-Mihai Bravu, ROSPA0051 Iezerul Călărași, ROSPA0061 Lacul Techirghiol, ROSPA0101 Stepa Saraiu Horea, ROSPA0111 Berteștii de Sus-Gura Ialomiței" Cod SMIS2014+102540.

iulie – septembrie, 2016
săpături și măsurători arheorologice în localitatea Bârsești, Județul Vrancea în cadrul proiectului de cercetare PN-II-RU-TE-2014-4-1602 ***„Înmormântări și obiceiuri funerare în perioada Hallstatt-ului târziu la Dunărea de Jos”.***

noiembrie 2015 – martie 2016
Expert GIS in cadrul contractului ***„Realizarea hărților strategice de zgomot și elaborarea planurilor de acțiune pentru reducerea zgomotului la nivelul Municipiului Botoșani”***

februarie – octombrie 2014
Expert GIS în cadrul proiectului**: Siturile Natura 2000: ROSPA0049 Iazurile de pe Valea Ibănesei-Bașeu-Podrigăi**.

Educaţie şi formare

Perioada	**2011 – 2014,** Studii doctorale în cadrul Universității „Al Al. I. Cuza” Iași, Facultatea de Geografie si Geologie, specializarea Geografie Fizică. Susținerea publică a tezei de doctorat (17.12.2014) cu titlul „*Studiul inversiunilor termice în aria dintre râurile Prut și Siret”* **2009 – 2011** – studii de masterat în cadrul Universității „Al. I. Cuza” Facultatea de Geografie si Geologie, specializarea „Riscuri Naturale și Amenajarea Teritoriului”; **2006 – 2009** – absolvent al facultății de Geografie si Geologie, specializarea Geografie; din cadrul Universității „Al. I. Cuza” Iași,
Calificarea / diploma obţinută	**Doctor în Geografie Fizică;** **Specialist în Riscuri Naturale și Amenajarea Teritoriului;** **Geograf;** **Expert Achiziții Publice.**
Disciplinele principale studiate / competenţe profesionale dobândite	Meteorologie şi Climatologie, Topoclimatologie, Microclimatologie, S.I.G. (Sisteme Informaționale Geografice) și Teledetecție, Statistică, Topografie, Hidrologie, Geomorfologie, Geologie generală, Geologia României.
Numele şi tipul instituţiei de învăţământ / furnizorului de formare	**Universitatea „Alexandu Ioan Cuza” Iași**
Limba(i) maternă(e)	Română
Limba(i) străină(e) cunoscută(e)	

	Ascultare	Citire	Intreactiune	Exprimare	Exprimare scrisă
Engleză	B2 Utilizator independent	B2 Utilizator independent	B2 Utilizator independent	B2 2 Utilizator independentt	B2 Utilizator independent

Activitate didactică

Anul universitar 2020 – prezent
semestrul II – Curs: ***Topoclimatologie și Microclimatologie.*** Facultatea de Geografie și Geologie, Universitatea „Alexandru Ioan Cuza”, Iași.
Anul universitar 2013 – prezent
semestrul II – Lucrări practice: ***Topoclimatologie și Microclimatologie***
Anii universitari 2014 – prezent
semestrul I - Curs: ***Meteorologie și climatologie***, Facultatea de Geografie și Geologie, Universitatea „Alexandru Ioan Cuza”, Iași.
Anul universitar 2013 – prezent
semestrul I - Lucrări practice: ***Meteorologie și climatologie***, Facultatea de Geografie și Geologie, Universitatea „Alexandru Ioan Cuza”, Iași.
Anul universitar 2017 – prezent
semestrul I – Lucrări practice: ***Clima României***, Facultatea de Geografie și Geologie, Universitatea „Alexandru Ioan Cuza”, Iași.
Anul universitar 2016 – prezent
semestrul II – Seminar: ***Balneoclimatologie și Turism Balnear***,
Anul universitar 2015 – prezent
semestrul II – Lucrări practice: ***Bioclimatologie***, Facultatea de Geografie și Geologie, Universitatea „Alexandru Ioan Cuza”, Iași.
Anul universitar 2014 – prezent
semestrul II – Lucrări practice: ***Meteorologie Sinoptică și Prognoză***, Facultatea de Geografie și Geologie, Universitatea „Alexandru Ioan Cuza”, Iași.
Anul universitar 2014 – prezent
semestrul I - Lucrări pracrice: ***Modificări climatice globale***, Facultatea de Geografie și Geologie, Universitatea „Alexandru Ioan Cuza”, Iași.

Activități extracurriculare

2013 – 2019
Coordonator al cercului științific studențesc de S.I.G. EnviroGIS

2012 – prezent
Dezvoltarea și întreținerea a două rețele de observații experimentale asupra temperaturii și umezelii aerului în intervalul octombrie 2012 – prezent*; 2022 – prezent*):
1. Rețea în regiunea Moldovei între râurile Siret și Prut, formată din 10 dataloggeri și două stații meteorologice automate.
2. Rețeaua de observații asupra climatului urban din cadrul municipiului Iași, formată din 8 dataloggeri și 3 stații meteorologice automate. Sfîcă, L., **Ichim, P.,** Amihăesei, V.-A., Hrițac, R., Irașoc, A., Crețu, C.-Ș., & Dumitrescu, A. (2023). UCLARIS – urban thermo-hygrometric gridded dataset for Iasi city, Romania (Version 1) [Data set]. Zenodo. https://doi.org/10.5281/zenodo.10210791
3. Rețeaua de observații asupra climatului urban din cadrul municipiului Bacău, formată din 4 dataloggeri și o stație meteorologică automată.
4. Rețeaua de observații asupra climatului urban din cadrul municipiului Botoșani, formată din 4 dataloggeri.
* interval caracteristic punctelor 1 și 2.
** interval caracteristic punctelor 3 și 4.

Activități editoriale

2013 - 2022
Editor tehnic în cadrul revistei științifice **Present Environment & Sustainable Development**, Facultatea de Geografie și Geologie, Universitatea „Alexandru Ioan Cuza”, Iași.

Publicații

1. Amidou Kpoumie, Ngoupayou Jules Remy Ndam, Eugen Rusu, Lucian Sfîcă, **Pavel Ichim**, Georges Emmanuel Eckodeck, *Spatiotemporal evolution of rainfall regimes in the Sanaga basin-Cameroon in a deficit context*, Present Environment and Sustainable Development, vol.6/2012, nr.1, ISSN 1843-5971, p. 395-404.

2. MIHAI, F. C. , APOSTOL, L., URSU, A., **ICHIM, P**. (2012), *Vulnerability of mountain rivers to waste dumping from Neamt County, Romania,* Geographia Napocensis (BDI) 6(2) pp. 51-59, ISSN 1843-5920.

3. Mihai F., Apostol L., Ursu A., Ichim P., 2013 Landfills as anthropogenic landforms in urban environment from Neamț county. AES Bioflux 5(2):100-108. (ISI Web of Knowledge/ Thomson Reuters – Master Journal List, EBSCOhost, CAB Direct etc).

4. Mihai, F.C, Apostol L., **Ichim.P.,** Ursu, A., Landfills as anthropogenic landforms in urban environment from Neamt County ,The 9th edition of International Conference: Environmental Legislation Safety Engineering and Disaster Management (ELSEDIMA),Cluj- Napoca,25-27 October,2012,Book of abstracts , p.66.

5. Mihai, F.C., Ursu, A., **Ichim,P.**, Chelaru, D.A., 2013, *Determining rural areas vulnerable to illegal dumping using GIS techniques. Case study: Neamț county, Romania*, 13th International Multidisciplinary Scientific GeoConference SGEM 2013, Conference Proceedings, **5 (1), 275-282,** ISSN 1314-2704 (ISI – Conference Proceedings Citation Index).

6. SOFRONI V., PUȚUNTICĂ A., SFÎCĂ L., **ICHIM P.** - *The cold wave of the 25 january – 18 february 2012 period on the territory of the Republic of Moldova*, Present Environment and Sustainable Development, vol.7/2013, nr.2, ISSN 1843-5971, p. 5 – 12.

7. Lucian Sfîcă, Adrian Andrei, Florentina Bărbăcianu, Ștefana Cojocaru, Andrei Enea, Oana-Elena Hapciuc, Marina Iosub, **Pavel Ichim,** 2015, *ANALYSIS OF SNOW-GRIFT VULNERABILITY. APPLICATION TO BOTOȘANI COUNTY*, Lucrările Seminarului Geografic Internațional Dimitrie Cantemir, nr. 36, Iași, NR. 40,nr. 1 2015

8. Florin-Constantin MIHAI, **Pavel ICHIM**, 2013, *Landfills – territorial issues of cities from North-East Region, Romania,* Forum geografic. Studii și cercetări de geografie și protecția mediului, Volume XII, Issue 2 (December 2013), pp. 201-210, *http://dx.doi.org/10.5775/fg.2067-4635.2013.244d*

9. Ichim, P. Apostol L, Sfîcă L., Kadhim-Abid Adriana-Lucia, Istrate V.,(2014), *Frequency of thermal inversions between Siret and Prut rivers in 2013,* Present Environment & Sustainable Development, Vol. 8, no. 2, Iași, doi: 10.2478/pesd-2014-0040

10. Sfîcă, Lucian, **Ichim, Pavel**, Patriche, Cristian-Valeriu, Irimia, Liviu**,** (2014) *Cotnari vine yard – a ghift of hidraulic foehn,* Lucrări științifice vol. 57 (1) – seria agronomie, Iași.

11. Ichim Pavel, Apostol Liviu, Sfîcă Lucian, Kadhim-Abid Adriana Lucia, (2015), *Air temperature anomalies between the rivers Siret and Prut in Romania,* Lucrările Seminarului Geografic" Dimitrie Cantemir"**,** vol 40, nr.1.

12. Ursu Adrian, Ralica Burtila, Vlad Minea, Andrei Marius, **Pavel Ichim,** Urban public transportation system changes, in post communist period in Iasi municipality, 15th International Multidisciplinary Scientific GeoConference SGEM 2015, Conference Proceedings, vol II, pag. 615-622, ISSN 1314-2704 (ISI – Conference Proceedings Citation Index).

13. Liviu Apostol, Florentina Bărcăcianu, **Pavel Ichim**, Lucian Sfîcă, (2015), *The thermal inversion phenomena on ground level and in the free atmosphere in the first 3000 m above Moldova, Romania,* AES Bioflux, 2015, Volume 7, Issue 2.

14. Hrachuhi GALSTYAN, Lucian SFÎCĂ, **Pavel ICHIM**, (2015), *LONG TERM VARIABILITY OF ANNUAL PRECIPITATION IN ARMENIA IN THE CONTEXT OF CHANGING CLIMATE*, SCIENTIFIC ANNALS OF "Al. I. CUZA" UNIVERSITY OF IAŞI, Volume LX, no. 2., s. II – c, Geography series 2014, (online version) 2284-6379 e-ISSN, DOI: http://dx.doi.org/10.15551/scigeo.v60i2.331

15. Hrachuhi GALSTYAN, Lucian SFÎCĂ, **Pavel ICHIM,** 2015**,** Long Term Variability of Temperature in Armenia in the Context of Climate Change, International Journal of Environmental and Ecological Engineering, VOL 10, Issue. 1, 19-25

16. Ursu Adrian, Andrei Marius, Chelaru Dan Adrian, **Ichim Pavel,** (2016), *BUILT-UP AREA CHANGE ANALYSIS IN IASI CITY USING GIS,* Present Environment and Sustainable Development, Volume 10, no.1, 2016, DOI 10.1515/pesd-2016-0018 **(ISI)**

17. Șoitu D., Apostol L., **Ichim P.** (2016) *Inversiunile termice în bazinul Prutului inferior*. Materialele Conferinței științifice naționale cu participare internațională ,,Mediul și dezvoltarea durabilă", ediția a III-a, Univ. de Stat din Tiraspol, Chișinău, p. 182-186.

18. Radu-Vlad DOBRI, Lucian SFÎCĂ, **Pavel ICHIM**, Gabriela-Victoria HARPA (2017) The distribution of the monthly 24-hour maximum amount of precipitation in Romania according to their synoptic causes DOI: 10.21163/GT_2017.122.06 **(ISI)**

19. Lucian Sfîcă, **Pavel Ichim,** Liviu Apostol, Ovidiu Machidon (2017) - *THREE YEARS OF OBSERVATIONS ON GLOBAL SOLAR RADIATION AT MĂDÂRJAC WEATHER STATION (270 m) - CENTRAL MOLDAVIAN PLATEAU*, Present Environment and Sustainable Development Vol 11, no. 2, DOI 10.1515/pesd-2017-0029, **(ISI)**

20. Lucian SFÎCĂ, **Pavel ICHIM**, Liviu APOSTOL, Adrian URSU - *The extent and intensity of the urban heat island in Iasi city, Romania*, Theoretical and Applied Climatology**,** https://doi.org/10.1007/s00704-017-2305-4, **impact factor: 2,640**

21. I Iordache, L Apostol, **P Ichim**, (2017) THE LAND SURFACE TEMPERATURE DISTRIBUTION DURING 7TH-AUGUST-2012 USING MODIS IMAGERY IN IASI METROPOLITAN AREA, Aerul si Apa. Componente ale Mediului, 2017

22. Pavel Ichim, Lucian Sfîcă, Adriana Lucia Kadhim-Abid, A. Ursu, V. Jitaru (2018), *Characteristics of Nocturnal Urban Island of Iași During a Summer Heat Wave (1-6 of August 2017),* Air and Water Components of the Environment.

23. Lucian Fasolă-Mătăsaru, Emanuel Ștefan Baltag, **Pavel Ichim**, Dumitru Cojocaru (2018), *Factors influencing the breeding success of WhIte Storks Ciconia Ciconia in Eastern Romania,* Ardeola: International Journal of Ornithology, DOI: 10.13157/arla.65.2.2018.ra6, **impact factor: 0,807**

24. Lucian Sfîcă Iulian Iordache, **Pavel Ichim**, Alina Leahu, Marius-Mihai Cazacu, Silviu Gurlui, Cătălin-Răzvan Trif (2018), *The influence of weather conditions and local climate on particulate matter (PM10) concentration in metropolitan area of Iasi, Romania*, Present Environment and Sustainable Development , Vol. 12, no. 2, DOI 10.2478/pesd-2018-0029 **(ISI)**

25. Lilian Niacsu, Lucian Sfica, Adrian Ursu, **Pavel Ichim**, Diana Elena Bobric and Iuliana Gabriela Breaban, *Wind erosion on arable lands, associated with extreme blizzard conditions within the hilly area of Eastern Romania*, Environmental Research, https://doi.org/10.1016/j.envres.2018.11.008 , **impact factor: 4,732**

26. Adriana L. Kadhim-Abid, **Pavel Ichim**, Gabriela M. Atanasiu, (2019) *SEASONAL OCCURRENCE OF HEAT ISLAND PHENOMENON IN THE URBAN BUILT ENVIRONMENT*, Environmental Engeneering and Management Journal

27. Vasile Jitariu, **Pavel Ichim,** Lucian Sfîcă, Adrian Ursu (2019), CLIMATE CHANGE PROJECTIONS REGARDING APPLE ORCHARDS IN THE NORTH-EASTERN REGION OF ROMANIA, 9th SGEM International Multidisciplinary Scientific GeoConference EXPO Proceedings

28. Sfîcă, L., Husariu, D., **Ichim, P.,** Nita, A.I., **2020**, Air Temperature Stratification Near the Ground in Relation with Atmospheric Circulation Within the Siret Corridor. "Air and Water – Components of the Environment" Conference Proceedings, Cluj-Napoca, Romania, p. 117-126, DOI: 10.24193/AWC2020_11.

29. Cîslariu A.G., **Ichim P.**, Mânzu C.C., Long term changes of wetlands in the context of anthropic influences: The case of rosci0222 (north-eastern romania), Carpathian Journal of Earth and Environmental Sciences, 5 (1), 2020, DOI: 10.26471/cjees/2020/015/105

30. **Ichim, P.**; Sfică, L. The Influence of Urban Climate on Bioclimatic Conditions in the City of Iași, Romania. *Sustainability* 2020, *12*, 9652., https://doi.org/10.3390/su12229652

31. Crețu Ștefănel - Claudiu, **Ichim Pavel**, Sfică Lucian - Galați urban heat island during summer detected using satellite products, Present Environment and Sustainable Development , Vol. 14, no. 2, DOI 10.15551/pesd2020142001

32. Lucian SFÎCĂ, **Pavel ICHIM**, Emanuel BALTAG, Constantin ION, Alina IGNAT*: Filling the Gap of Meteorological Data Along the Prut River Valley, Romania – Cârja Experimental Weather Station (2013-2020)*, THE INTERNATIONAL CONFERENCE AIR AND WATER - COMPONENTS OF THE ENVIRONMENT Procedings, March 2021

33. Vasilică Istrate; Vasile Jitariu; **Pavel Ichim**; Ovidiu Miron Machidon; Liviu Apostol, **(2021)**, Hailstorm risk assessment for crop areas in Moldova Region (Romania), Present Environment and Sustainable Development Volume 15, number 2, 2021, DOI: https://doi.org/10.15551/pesd2021152005

34. Cretu Stefanel-Claudiu, **Pavel Ichim**, Lucian Sfîcă, Iuliana Gabriela Breabăn, 2022, Relationship Between Land Surface Temperature and Imperviousness Density in The Urban Area of Iasi, Conference: Air and Water – Components of the Environment 2022 Conference Proceedings, DOI: 10.24193/AWC2022_02.

35. Oana Florescu, **Pavel Ichim**, Lucian Sfîcă, Adriana-Lucia Kadhim-Abid, Ion Sandu, Monica Nănescu (2022), Risk Assessment of Artifact Degradation in a Museum, Based on Indoor Climate Monitoring—Case Study of "Poni-Cernătescu" Museum from Iași City, 2022/3/24, Applied Sciences, 12/7, MDPI, DOI. https://doi.org/10.3390/app12073313

36. Vasile Jitariu, Alexandru Dorosencu, **Pavel Ichim**, Constantin Ion (2022), Severe Drought Monitoring by Remote Sensing Methods and Its Impact on Wetlands Birds Assemblages in Nuntași and Tuzla Lakes (Danube Delta Biosphere Reserve), 2022/4/30, Land, 11/5, MDPI, DOI: https://doi.org/10.3390/land11050672

38. Corocăescu, Al., **Ichim, P.,** Crețu, C.Ș., Dior, Al., Șerban, L., Amihăesei, V.-Al., Sfîcă, L. (2023) Assessment of Climate Characteristics of an Urban Park Using Satellite Imagery and In-Situ Measurements. Study Case of Cancicov Park From Bacău City (Romania). 2023 "Air And Water – Components of the Environment" Conference Proceedings, Cluj-Napoca, Romania, p. 33-46, DOI: 10.24193/AWC2023_04

39. Lucian SFÎCĂ, Claudiu-Ștefănel CREȚU, **Pavel ICHIM**, Robert HRIȚAC, Iuliana-Gabriela BREABĂN, Surface urban heat island of Iași city (Romania) and its differences from in situ screen-level air temperature measurements, Sustainable Cities and Society, Volume 94, 2023, 104568, ISSN 2210-6707, DOI: https://doi.org/10.1016/j.scs.2023.104568.

40. Sfîcă, Lucian, Alexandru-Constantin Corocăescu, Claudiu-Ștefănel Crețu, Vlad-Alexandru Amihăesei, and **Pavel Ichim**. 2023. "Spatiotemporal Features of the Surface Urban Heat Island of Bacău City (Romania) during the Warm Season and Local Trends of LST Imposed by Land Use Changes during the Last 20 Years" Remote Sensing 15, no. 13: 3385. https://doi.org/10.3390/rs15133385

41. Istrate, G.-A.; Istrate, V.; Ursu, A.; **Ichim, P.**; Breabăn, I.-G. Using Diachronic Cartography and GIS to Map Forest Landscape Changes in the Putna-Vrancea Natural Park, Romania. Land 2023, 12, 1774. https://doi.org/10.3390/land12091774

42. Ema Corodescu-Roşca, Alexandru Bănică, Ionel Muntele, and **Pavel Ichim**, Chapter 11: Coping with extreme temperatures in European regions - from resilience to prosilience?, Collection: Economics 2023, Published: 11 Aug 2023 Page Range: 209–235, DOI: https://doi.org/10.4337/9781035314058.00018.

43. Vasile JITARIU, Pavel ICHIM, Marina IOSUB, Spatial dynamics and changes in northeastern Romania's orchard landscape over the last century, Present Environment and Sustainable Development Volume 17, number 1, 2023, DOI: https://doi.org/10.47743/pesd2023171013

44. ICHIM, P., MIRON, R., COROCĂESCU, A. C., CREȚU, C., & SFÎCĂ, L. (2024). Land use as key element for urban heat island inception in small cities. Case study: Bârlad City, Romania. Present Environment & Sustainable Development, 18(1). DOI: https://doi.org/10.47743/pesd2024181006

Seturi de date publicate

1. Sfîcă, L., **Ichim, P.**, Ion, C., Baltag, Șt.-E., Ignat, A. (2021) Filling the Gap of Meteorological Data Along the Prut River Valley, Romania - Cârja Experimental Weather Station (2013-2020). 2021 "Air and Water – Components of the Environment" Conference Proceedings, Cluj-Napoca, Romania, p. 169-180, DOI:10.24193/AWC2021_16. https://www.meteomoldova.ro/2021/02/wether-data-carja-2013-2020/

2. Sfîcă, L., **Ichim, P.,** Amihăesei, V.-A., Hrițac, R., Irașoc, A., Crețu, C.-Ș., & Dumitrescu, A. (2023). UCLARIS – urban thermo-hygrometric gridded dataset for Iasi city, Romania (Version 1) [Data set]. Zenodo. https://doi.org/10.5281/zenodo.10210791

Manifestări Științifice naționale și internaționale

1. Ichim P. Pavel, - Evoluţia tipului de utilizare a terenului de utilizare a terenului în Manifestări ştiinţifice comuna Tulnici între anii 1885 – 2005, Comunicări cu tema: „Evaluarea integrală a stării mediului", Ediţia a XVIII-a, Facultatea de Geografie, Universitatea „Bucureşti", Bucureşti, 25-27 martie 2011.

2. Ichim P. Pavel, Istrate Vasilică - Pretabilitatea unor zone din Masivul Călimani pentru amenajarea pârtiilor de ski, Comunicări cu tema: „Munţii Carpaţi – potenţial turistic şi strategii de valorificare", Ediţia I, Cluj-Napoca 8-10 aprilie 2011.

3. A. Kpoumié, L. Sfîcă, A. Ursu, J. R. Ndam Ngoupayou, E. Rusu, G. E. Ekodeck, **P. Ichim**, Régime pluviométrique actuelle d'un écosystème tropical d'Afrique centrale dans un contexte de changement climatique : le bassin versant de la Sanaga au Cameroun, Simpozionului Internaţional „Mediul actual şi dezvoltarea durabilă", Facultatea de Geografie şi Geologie, UAIC, 14-16 octombrie 2011, Iaşi.

4. A. Kpoumie, J. R. Ndam Ngoupayou, E. Rusu, L. Sfîcă, **P. Ichim**, A. Fouepe, G. E. Ekodeck - Evolutions spatiotemporelles des régimes des précipitations du bassin versant de la Sanaga au Cameroun dans un contexte déficitaire, Lucrările Simpozionului Internaţional Present Environment and Sustainable Development, ediţia a VII-a, 1-3 iunie 2012, UAIC, Iași.

5. Sofroni Valenti, Puțuntică Anatolie, **Ichim Pavel,** Valul de ger din perioada 25 ianuarie – 18 februarie 2012 pe teritoriul Republicii Moldova, Lucrările Simpozionului Internaţional Present Environment and Sustainable Development, ediţia a VII-a, 1-3 iunie 2012, UAIC, Iași.

6. Mihai F.C., Apostol, L., **Ichim, P**., Challenging traditional waste managemnt system under EU regulations Case study:Roman city, Romania, Present Environement and Sustainable Development, Iasi, 1-3 iunie 2012 (comunicare).

7. Lucian Sfîcă, Adrian Andrei, Florentina Bărcăcianu, Ştefana Cojocaru, Andrei Enea, Oana Hapciuc, Marina Iosub, **Pavel Ichim** - Evaluarea vulnerabilităţii reţelei de transport rutier la înzăpezire în judeţul Iaşi, Lucrările Simpozionului Internaţional Present Environment and Sustainable Development, ediţia a VII-a, 1-3 iunie 2012, UAIC, Iași.

8. Sfîcă Lucian, Adrian Andrei, Bărcăcianu Florentina, Cojocaru Ştefana, Enea Andrei, Hapciuc Oana, Iosub Marina**, Ichim Pavel**: Evaluarea vulnerabilităţii reţelei de transport rutier la înzăpezire în Câmpia Moldovei, Lucrările Seminarului Geografic Internațional Dimitrie Cantemir, Ediția a XXXII-a, 12-14 octombrie 2012, UAIC, Iași.

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