

## Europass Curriculum Vitae



### Personal information

Surname(s) / First name(s) **Croitoru Adina-Eliza**  
 Address(es) 5-7, Clinicilor Street, 400006, Cluj-Napoca, Romania  
 Telephone(s) 0040-264-596116 int. 225  
 E-mail [adina.croitoru@ubbcluj.ro](mailto:adina.croitoru@ubbcluj.ro); [adina04@yahoo.com](mailto:adina04@yahoo.com).  
 Nationality Romanian  
 Date of birth 1975/05/04  
 Gender Female

### Work experience

Dates Occupation or position held Name and address of employer	<ul style="list-style-type: none"> <li>• 2020-present</li> <li>• Member of the Research Board Management Group</li> <li>• World Meteorological Organization</li> </ul>
Dates Occupation or position held Name and address of employer	<ul style="list-style-type: none"> <li>• 2017 - present</li> <li>• Professor habilitate</li> <li>• Babeş-Bolyai University of Cluj-Napoca, Faculty of Geography, Department of Physical and Technical Geography</li> </ul>
Dates Occupation or position held Name and address of employer	<ul style="list-style-type: none"> <li>• 2017- present</li> <li>• Associate Professor</li> <li>• Air Force Academy "Henri Coanda" Brasov</li> </ul>
Dates Occupation or position held Name and address of employer	<ul style="list-style-type: none"> <li>• 2014 - 2017</li> <li>• PhD. Associate Professor (since 2015 Associate prof. habilitate)</li> <li>• Babeş-Bolyai University of Cluj-Napoca, Faculty of Geography, Department of Physical and Technical Geography</li> </ul>
Dates Occupation or position held Name and address of employer	<ul style="list-style-type: none"> <li>• 2004 – 2014</li> <li>• PhD. Lecturer</li> <li>• Babeş-Bolyai University of Cluj-Napoca, Faculty of Geography, Department of Physical and Technical Geography</li> </ul>
Dates Occupation or position held Name and address of employer	<ul style="list-style-type: none"> <li>• 2000 – 2004</li> <li>• Professor Assistant</li> <li>• Babeş-Bolyai University of Cluj-Napoca, Faculty of Geography, Department of Physical and Technical Geography</li> </ul>
Dates Occupation or position held Name and address of employer	<ul style="list-style-type: none"> <li>• 1998 – 2000</li> <li>• Professor Assistant (stagiar)</li> <li>• Babeş-Bolyai University of Cluj-Napoca, Faculty of Geography, Department of Physical and Technical Geography</li> </ul>
Main activities and responsibilities Type of business or sector	<ul style="list-style-type: none"> <li>• Teaching / Research</li> <li>• Higher Education/Research</li> </ul>

## Education and training

- Dates ● 2009, 20-24 April,  
Course ● Course **East European Training of Trainers Workshop on Climate and Water Affairs**, (Skopje, FYROM)-77202/2009-CLW/HWR;  
Title of qualification awarded ● Trainer/Certificate of participation  
Name and type of organisation providing education and training ● World Meteorological Organization, United Nations University and St Cyril and Methodius University;
- Dates ● 2000-2005,  
Course ● PhD. Studies;  
● PhD. diploma  
Title of qualification awarded ● Romanian Science Academy, Institute of Geography Bucharest  
Name and type of organisation providing education and training
- Dates ● 2004, November-December,  
Course ● Course **Writing and Management of the European Projects**;  
● Participation Diploma  
Title of qualification awarded ● Zonal Center for Adults Education Arad, Office of Cluj  
Name and type of organisation providing education and training
- Dates ● 2002, 17-30 June,  
Course ● PhD. Studies course II;  
● Participation confirmation  
Title of qualification awarded ● "Aristotle" University Thessaloniki-Greece, Faculty of Geology, Department of Meteorology and Climatology  
Name and type of organisation providing education and training
- Dates ● 2002, September 2001 – March,  
Course ● **Management of the Tourism Activities**;  
Title of qualification awarded ● Manager in tourism activities/ Diploma  
Name and type of organisation providing education and training ● National Center of Tourism Education, Bucharest
- Dates ● 2001, January-February  
Course ● PhD. Studies course I  
Title of qualification awarded ● Participation confirmation  
Name and type of organisation providing education and training ● Finnish Meteorologic Institute, Helsinki
- Dates ● 1998 –1999  
Course ● Master studies: **"The management of water resources"**  
Title of qualification awarded ● Master diploma  
Name and type of organisation providing education and training ● "Babeş-Bolyai" University of Cluj-Napoca, Faculty of Geography
- Dates ● 1994-1998  
Course ● Bachelor studies: **Geography (Meteorology-Hydrology)**.  
Title of qualification awarded ● Geographer/Bachelor Diploma;  
Name and type of organisation providing education and training ● "Babeş-Bolyai" University of Cluj-Napoca, Faculty of Geography.

Level in national or international classification University in A category

## Personal skills and competences

Mother tongue(s) **Romanian**

Other language(s) **English, French**

Self-assessment

### Understanding

### Speaking

### Writing

European level (\*)

Listening

Reading

Spoken interaction

Spoken production

**Language**

B2

English

C1

English

B2

English

B2

English

B2

English

**Language**

B2

French

B2

French

B2

French

B2

French

B2

French

(\*) Common European Framework of Reference for Languages

Social skills and competences Sociable, communicative, good affective abilities, ability of working in a group or in a team, in different environment, especially in situations where the intercommunication and team working are essential.

Organisational skills and competences Punctuality, strictness and organization of different activities for small and large groups of people

Technical skills and competences Operating classical and automatic weather stations

Computer skills and competences Windows (Word, Excel), Adobe Photoshop, SPSS, Statistica

Publications

- Books as author or co-author: 5
- Chapters in books: 4
- Scientific articles: 93
  - Scientific articles published in journals indexed by WOS: 40 (7 in Q1 category journals, 7 in the Q2 category journals based on the impact factor calculated by Thomson-Reuters) (See List of representative publications attached to this CV)

The impact of research activity H(irsch)-index – 15 (Google academic)  
H(irsch)-Index – 13 (Web of Knowledge)

## Projects/grants/contracts • Project Manager: 3

Research project

- Extreme weather events in Romania. Heat waves. Characteristics, Causes, Impact. *GTC\_34025/2013 din 01.11.2013*. Financed by UBB. 2013-2014.
- Extreme weather events related to air temperature and precipitation in Romania PN II RU-TE-2014-4-0736. Financed by UEFISCDI. 2015-2017
- Redefining agro-climatic favourability zones for maize and winter wheat crops towards smart climate change-oriented agriculture in Romania. PN-III-P2-2.1-PED-2019-2310. Financed by UEFISCDI. 2020-2022.

### ● Member in the research project team:

#### - International : 2

- A model to predict and prevent possible disastrous effects of toxic pollution in the Tisza River watershed NATOSfP 984440. Budget: 250.000 EUR. Financed by NATO Science for Peace programme. Project manager: Simion-Mihail Beldean-Galea.

-Green path toward sustainable development (Calea verde spre dezvoltare durabilă). (EEA GRANTS 2009 – 2014), 4.546.115 EUR. Financed by Programme RO07 - Adaptare la Schimbări Climatice (Adaptation to climate changes) by EEA GRANTS. Project manager: Silviu Popescu.

#### - National: 5

- *Risks and hazards associated to geomorphological processes in the area under salt folds-Transsylvania Depression*. Project manager: prof. I. A. Irimuş. Financed by CNCSIS, Grant tip A cod 1799. Nov 2003-Jan 2006.

- *Studiul impactului fenomenelor climatice de risc asupra căilor de comunicație și activităților de transport din Depresiunea Transilvaniei în perspectiva dezvoltării durabile*. Director de proiect: conf. univ. dr. F. Moldovan. Finanțator: CNCSIS, Grant tip A cod 1799. Perioada: Nov 2003-ian 2006.

- *How much is the climate changing? Stochastical analysis of proxy and instrumental series in the Europe of the last Millenium* Project manager: prof. I. Haidu. CNCSIS, Grant tip A Cod 1332/2006. 2006-2008.

- *Urban air quality monitoring in Cluj County in the context of present climate changes*. Project manager: prof. Iv. Haiduc (lect. Simion Beldean-Galea). ANCS, Grant tip Capacități, Cod 91/13.09. 2007-2009.

- *Support for the updating of the Ploiesti Growth Pole Integrated Development Plan (PLOIESTI GROWTH POLE RAS)*. Project manager: Marcel Ionescu-Heroiu, Budget: 591.127 RON, 2015. Financed by World Bank

- *Danube Delta Integrated Sustainable Development Strategy*, Project manager: Marcel Ionescu-Heroiu, Budget: 1.283459 ron, 2015. Financed by World Bank.

#### Economic research projects

- Member in the project team: 4

- Contract no. 11136/ 2000 Studiul riscului antropic în bazinul hidrografic al Arfieşului (aferent judeţului Cluj) – Beneficiar Consiliul judeţean Cluj. Project manager: prof. P.Cocean.

- Contract no.178/03.03.2005, P.A.T.Z – Periurbanul Municipiului Bistriţa.Project manager: Prof. P.Cocean

- Contract no. 61 030/ 11.08.2006 Strategia de dezvoltare a Municipiului Craiova. Project manager:Prof. P.Cocean

- Contract no. 9495/10.08.2008: Plan de amenajare a teritoriului zonal Marginimea Sibiului. Project manager:Prof. P.Cocean

#### European financed projects

- Member in the project team: 2

- POSDRU-57-1.3.-S-32629: Formarea profesionala a cadrelor didactice din invatamantul preuniversitar pentru noi oportunitati de dezvoltare in cariera. Project manager: Prof. Nicolae-Adrian Opre

- POSDRU 161/2.1/G/137679: GeoChoice – consiliere și formare de competențe practice în vederea integrării studenților din domeniul geografie pe piața muncii. Project manager: Assoc. Prof. I. Vescan

#### Scientific visibility accounts

- ResearchGate: Adina Eliza Croitoru (score RG – 21.22)
- ORCID ID: <https://orcid.org/0000-0003-1235-4327> (Adina-Eliza Croitoru).
- Web of Science ResearcherID is AAF-2992-2020

- Participation to scientific conferences**
- national conferences: 40
  - international conferences: 30

**National and international recognition**

- International Awards**
- 2014 - Certificate for Excellence in Review of *Elsevier* and *Global and Planetary Change* journal;
  - 2014 - Award for the best presentation in the session Air pollution and Climate Changes at the 14th Edition of the *International Multidisciplinary Scientific Geoconference SGEM 2014*, Albena, Bulgaria, June 2014, for the paper *Heatwaves and their socio-economic impact in Bucharest City, Romania*.

- National Awards**
- 2020 - Award for results of Scientific research (Articles) – UEFISCDI (for 2 articles);
  - 2017 - Award for results of Scientific research (Articles) – UEFISCDI (for 2 articles);
  - 2015 - Award for Habilitation – UEFISCDI
  - 2015 - Award for results of Scientific research (Articles) – UEFISCDI (for 2 articles);
  - 2014 - Award for Scientific research of Babeş-Bolyai University;
  - 2014 - Award for results of Scientific research (Articles) - UEFISCDI;
  - 2014 - Award for Scientific research of Babeş-Bolyai University;
  - 2013 - Award for Scientific research - UEFISCDI, 2013 (for 3 scientific articles);
  - 2012 - Award for Scientific research - UEFISCDI, 2013 (for 2 scientific articles);
  - 2011 - Award for Scientific research of Babeş-Bolyai University;
  - 2009 - Comenius award of Univ. Babeş-Bolyai.

**Scientific Conferences chairman**

- International conferences:
  - 13th International Multidisciplinary Scientific Geoconference SGEM 2013, Albena, Bulgaria. 16-22 June 2013.
- National conferences:
  - Air and Water - Components of the Environment, Babeş-Bolyai University, Faculty of Geography, March, 2011, March 2012.
  - International Geographic Seminar Dimitrie Cantemir, XXIII<sup>rd</sup> Edition, Al. I. Cuza University, Iaşi, 18-20 October 2013, 2015
  - International Conference: Perspectives of Geographical Approach on Territorial Development: Theories, Methods and Practices May 13-14, 2016, Timisoara, Romania

**Member of editorial boards**

- Journal of Earth Science and Engineering (USA)
- Riscuri și catastrofe (România).

**Reviewer for scientific journals**

- International journals with impact factor calculated (ISI):
  - Atmospheric research (2013-2017)
  - Atmosphere (2013, 2016, 2017)
  - Atmospheric science letter (2015)
  - Global and Planetary Change (2012 – 2015)
  - HESS (2013-2016)
  - Hydrological Process (2012-2013)
  - Hydrology research (2016)
  - International Journal of Climatology (2017-2018)
  - Journal of Agricultural Science and technology (2015)
  - Journal of Integrative Agriculture (formerly Agricultural Sciences in China) (2015)
  - International Journal of Climatology (2016)
  - Journal of Environmental Biology (2016)
  - Natural Hazards (2014-2015)
  - Nature (Geoscience) (2014)
  - International Journal of Plant Production (2016)
  - Quaternary International (2015)
  - Regional Environmental Change (2014)
  - Theoretical and Applied Climatology (2012-2018)
  - Water Resource Management (2012)

- BDI journals:
  - GeoReview (Romania)
  - International Journal of Physical Sciences (Nigeria)
  - Journal of Environmental Science and Engineering (USA)
  - Journal of Settlements and Spatial Planning (Romania)
  - Scientific Annals of "Al. I. Cuza" University of Iasi (Romania)
  - Studia Universitatis Babes-Bolyai, Seria Geographia (Romania)
  - Weather and Climate Extremes (Elsevier, India)
  - Journal of Agrarian Science (Elsevier, Georgia)
- Other journals:
  - International Journal of Water Sciences (edited by InTech, Croatia)

#### International invitation

- Member of the International Planning Committee (IPC) for PANNEX project (a regional hydro-climate project over the Pannonian basin)
- Participant as representative for Romania to the European Commission campaign *Science it's a girl's thing!* Moderator of the campaign over the period 10-16 June 2013 (<https://www.facebook.com/sciencegirlthing>)

#### Institutional implication

- July 2017 - January 2018 - President of the Appeal Commission for Earth Sciences field of the National Council for Titles, Diplomas and Certificates (CNATDCU);
- 2016 – 2018– Member of the Council for Doctoral Studies of Babes-Bolyai University;
- 2013 - present, Executive editor of the International Conference Air and Water - Components of the Environment proceedings book;
- 2009-2015, member of the Organizing Committee of the International Conference Air and Water - Components of the Environment;
- January 2014 - 2015, Coordinator of the Scientific Students Forum of Physical and technical Geography;
- 2008-2012, member in the Faculty Council.

Date: 01.07.2021

Signature:

List of publication (selection):

14. Croitoru Adina Eliza, Holobaca Iulian Horia, Lazar Catalin, Moldovan Florin, Imbroane Alexandru (2012), Air temperature trend and the impact on winter wheat phenology in Romania, *Climatic Change: Volume 111, Issue 2, Page 393-410*. DOI: 10.1007/s10584-011-0133-6. (2012 IF: 3.634, 2016 IF: 3.496)
15. Croitoru, Adina-Eliza, Drignei, D., Holobaca, I.H., Dragota, Carmen Sofia (2012), Change-Point Analysis for Serially-Correlated Summit Temperatures in the Romanian Carpathians, *Theoretical and Applied Climatology, Volume 108, Issue 1-2, pp 9-18*. DOI:10.1007/s00704-011-0508-7. (2012 IF: 1.759, 2016 IF: 2.64).
16. Croitoru Adina-Eliza, Piticar Adrian (2013) Changes in daily extreme temperatures in the extra-Carpathians regions of Romania, *Int. J. Climatol., Volume 33, Issue 8, pages 1987–2001, 30 June 2013*. DOI: 10.1002/joc.356. (2013 IF: 3.398; 2016 IF: 3.76)
17. Croitoru Adina-Eliza, Piticar Adrian, Imbroane Alexandru Mircea, Burada Doina Cristina (2013), Spatiotemporal distribution of aridity indices based on temperature and precipitation in the extra-Carpathian regions of Romania, *Theor Appl Climatol, May 2013, Volume 112, Issue 3-4, pp 597-607*. DOI 10.1007/s00704-012-0755-2. (2013 IF: 1.742, 2016: 2.64)
18. Croitoru Adina Eliza, Chiotoroiu Brindusa Cristina, Ivanova Todorova Veneta, Torica Vasile (2013), Changes in precipitation extremes on the Black Sea Western Coast. *Global and Planetary Change, 102, 10-19*. DOI: 10.1016/j.gloplacha.2013.01.004. (2013 IF: 3.707; 2016 : 3.915)
19. Croitoru Adina-Eliza, Chiotoroiu Brindusa-Cristina, Todorova Ivanova Veneta, Torica Vasile (2013), Changes in seasonal and annual precipitation on the Western Coast of the Black Sea. *Energy and Clean Technology, Conference proceedings, volume: Renewable energy sources, Recycling, Air pollution and Climate changes, 13th International Multidisciplinary Scientific Geoconference SGEM 2013, Albena, Bulgaria, p. 551-558*. DOI:10.5593/SGEM2013/BD4/S19.006
20. Chiotoroiu Brindusa-Cristina, Todorova Ivanova Veneta, Croitoru Adina-Eliza, Torica Vasile (2013), Blizzard consequences in the Eastern parts of Bulgaria and Romania in January 2010. A comparative study. *Energy and Clean Technology, Conference proceedings, volume: Renewable energy sources, Recycling, Air pollution and Climate changes, 13th International Multidisciplinary Scientific Geoconference SGEM 2013, Albena, Bulgaria, p. 543-550*. DOI:10.5593/SGEM2013/BD4/S19.005
21. Tudose Traian, Croitoru Adina-Eliza, Haidu Ionel (2013), Some Aspects on Rainfall Maximum Intensity in Northwestern Romania. *Energy and Clean Technology, Conference proceedings, volume: Renewable energy sources, Recycling, Air pollution and Climate changes, 13th International Multidisciplinary Scientific Geoconference SGEM 2013, Albena, Bulgaria, p. 771-778*. DOI:10.5593/SGEM2013/BD4/S19.034
22. Croitoru Adina-Eliza, Piticar Adrian, Dragotă Carmen Sofia, Burada Doina Cristina (2013), Recent changes in reference evapotranspiration in Romania, *Global and Planetary Change, 111 (December), 127-137*. DOI: 10.1016/j.gloplacha.2013.09.004 (2013 IF : 3.707; 2016 : 3.915).
23. Croitoru Adina-Eliza, Bătiñaș Răzvan Horațiu, Mureșan Liana (2014) Analysis of NOx air quality indicators in urban area of Cluj County, Romania, *Energy and Clean Technology, Conference proceedings, volume: Renewable energy sources, Recycling, Air pollution and Climate changes, 14th International Multidisciplinary Scientific Geoconference SGEM 2014, Albena, Bulgaria, p. 281-288*. ISBN 978-619-7105-15-5 /ISSN 1314-2704. DOI: 10.5593/sgem2014B41.
24. Croitoru Adina-Eliza, Piticar Adrian (2014), Changes in hot extreme temperature indices in Carpathian and intra-Carpathian areas of Romania, *Energy and Clean Technology, Conference proceedings, volume: Renewable energy sources, Recycling, Air pollution and Climate changes, 14th International Multidisciplinary Scientific Geoconference SGEM 2014, Albena, Bulgaria, p. 305-312*. ISBN 978-619-7105-15-5 /ISSN 1314-2704. DOI: 10.5593/sgem2014B41
25. Croitoru Adina-Eliza, Antonie Raluca Ioana, Rus Adina (2014), Heat waves and their estimated socio-economic impact in Bucharest city, Romania. *Energy and Clean Technology, Conference proceedings, volume: Renewable energy sources, Recycling, Air pollution and Climate changes, 14th International Multidisciplinary Scientific Geoconference SGEM 2014, Albena, Bulgaria, p. 375-382*. ISBN 978-619-7105-15-5 /ISSN 1314-2704. DOI: 10.5593/sgem2014B41
26. Imbroane Alexandru, Croitoru Adina-Eliza, Herbel Ioana, Rus Ionuț, Petrea Dănuț (2014), Urban heat island detection by integrating satellite image data and GIS techniques. Case study: Cluj-Napoca city, Romania. *Proceedings of the 14th International Multidisciplinary Scientific Geoconference SGEM 2014, 17-26 June, Albena, Bulgaria, pp. 359-366*.
27. Antonie, Raluca I., Croitoru, Adina Eliza (2014). The impact of extreme weather events on the quality of life: levels of perception. *QUALITY OF LIFE RESEARCH, Volume: 23, Pages: 79-79, Supplement: 1 (2014 IF: 2.486; 2017: 2.392, AIS: 1.042)*
28. Croitoru Adina-Eliza, Drignei Dorin, Dragotă Carmen Sofia, Imecs Zoltan, Burada Doina Cristina (2014), Sharper Detection of Winter Temperature Changes in the Romanian Higher-Elevations, *Global and Planetary Change, Volume 122, November, 122–129*. DOI: 10.1016/j.gloplacha.2014.08.011(2014 IF : 2.766 ; 2016 : 3.915).
29. Croitoru Adina-Eliza, Minea Ionuț (2015) The impact of climate changes on rivers discharge in Eastern Romania, *Theor Appl Climatol. 120, 563–573*. DOI 10.1007/s00704-014-1194-z. (2015 IF: 2.433, 2016 IF: 2.64)
30. Minea Ionuț, Croitoru Adina-Eliza, (2015) Climate changes and their impact on the variation of groundwater level in the Moldavian Plateau (Eastern Romania), *International Multidisciplinary Scientific Geoconferences, SGEM 2015 Proceedigs (ISBN: 978-619-7105-13-1), p. 137-145*.  
autor corespondent

31. Herbel Ioana, Croitoru Adina-Eliza, Rus Ionuț, Harpa Gabriela Victoria, Ciupertea Antoniu-Flavius (2016), Detection of Atmospheric Urban Heat Island through Direct Measurements in Cluj-Napoca City, Romania, *Hungarian Geographical Bulletin*, vol. 67, 2: 117-128.
32. Tudose Traian, Croitoru Adina-Eliza, Harpa Gabriela Victoria, Scripcă Sabina Andreea (2016) Some Characteristics of Maximum Annual and Seasonal Quantities of Rainfall Registered in 24 hours in Romania, *Proceedings of SGEM-2016*, Book4 Vol. 2, 555-562 pp.
33. Beldean-Galea Mihail Simion, Mihăiescu Radu, Arghiuș Viorel, Croitoru Adina, Horvath Csaba, Coman Virginia (2016), Occurrence and Sources of Polycyclic Aromatic Hydrocarbons in the Tisza River and its Romanian Tributaries, *Water, Air, and Soil Pollution*, 227:377. DOI 10.1007/s11270-016-3088-4 (2016 IF: 1.702, SRI: 0.915)
34. Croitoru Adina-Eliza, Piticar Adrian, Burada Doina Cristina (2016), Changes in precipitation extremes in Romania, *Quaternary International*, 415, 10 September: 325–335, doi:10.1016/j.quaint.2015.07.028. (2015 IF: 2.067)
35. Croitoru Adina-Eliza, Drignei Dorin, Burada Doina Cristina, Dragotă Carmen Sofia, Imecs Zoltan (2016), Altitudinal changes of summer air temperature trends in the Romanian Carpathians based on serially correlated models, *Quaternary International*, 415, September, 336–343. doi:10.1016/j.quaint.2015.05.075 (2015 IF: 2.067). 10 September 2016.
36. Mihaiescu Radu, Arghius Viorel-Ilie, Beldean-Galea Mihail-Simion, Croitoru Adina-Eliza, Horvath Csaba (2016), The assessment of some priority substances in the Tisza River and its tributary, *The 16th International Multidisciplinary Scientific GeoConference SGEM 2016*. STEF92 Technology Ltd, p. 711-718, ISBN 978-619-7105-61-2.
37. Croitoru Adina-Eliza, Piticar Adrian, Ciupertea Flavius-Antoniou, Rosca Cristina Florina (2016) Changes in heat wave indices in Romania over the period 1961-2015. *Global and Planetary Changes* 146, November 2016: 109–121. <http://dx.doi.org/10.1016/j.gloplacha.2016.08.016> (2016 IF: 3.915).
38. Rosca Cristina Florina, Harpa Gabriela Victoria, Croitoru Adina-Eliza, Herbel Ioana, Imbroane Alexandru Mircea, Burada Doina Cristina (2017), The impact of climatic and non-climatic factors on land surface temperature in Southwestern Romania, *Theoretical and Applied Climatology*. Online first: DOI 10.1007/s00704-016-1923-6 (2016 IF: 2.64; SRI: 1.057). Volume 130, Issue 3–4, pp 775–790.
39. Sfică Lucian, Croitoru Adina-Eliza, Iordache Iulian, Ciupertea Antoniu-Flavius (2017) Synoptic Conditions Generating Heat Waves and Warm Spells in Romania, *Atmosphere*, 8, 50; doi:10.3390/atmos8030050 (IF 2016: 1.487; SRI: 0.761). autor corespondent
40. Minea Ionuț, Croitoru Adina-Eliza (2017), Groundwater response to changes in precipitation in Northeastern Romania, *Environmental Engineering and Management Journal*, 16, 3 (March), 643-651. (IF 2016: 1.009; SRI: 0.131).
41. Popa, I (Popa, Ioana)[ 4 ] ; Croitoru, AE (Croitoru, Adina-Eliza)[ 1 ] ; Antonie, RI (Antonie, Raluca Ioana)[ 2 ] ; Tiple, C (Tiple, Cristina)[ 3 ] ; Vulcu, S (Vulcu, Sebastian)[ 4 ] ; Dinescu, V (Dinescu, Vera)[ 3 ] ; Stamate, M (Stamate, Mirela)[ 3 ] ; Sebestyen, A (Sebestyen, Andra)[ 4 ] ; Madrane, M (Madrane, Mehdi)[ 4 ] ; Chakroon, C (Chakroon, Chefik)[ 4 ] ; Chirila, M (Chirila, Magdalena)[ 3,4 ] (2017), The Impact of Weather Conditions on Non-Systematized Vestibular Dysfunction in Cluj-Napoca, Romania, *NATIONAL ENT, HEAD AND NECK SURGERY CONFERENCE*, 249-253, WOS:000432214000060
42. Herbel Ioana, Croitoru Adina-Eliza, Rus Adina Viorica, Roșca Cristina Florina, Harpa Gabriela Victoria, Ciupertea Antoniu-Flavius, Rus Ionuț (2018) The impact of heat waves on surface urban heat island and on local economy in Cluj-Napoca City, Romania. *Theoretical and Applied Climatology*, Volume 133, Issue 3–4, pp 681–695. DOI: 10.1007/s00704-017-2196-4. (2016 IF: 2.64; SRI: 1.057). autor corespondent
43. Piticar Adrian, Ciupertea Flavius-Antoniou, Croitoru Adina-Eliza, Harpa Gabriela-Victoria (2018) Recent changes in heat waves and cold waves detected based on excess heat factor and excess cold factor in Romania, *International Journal of Climatology*. 38(4), 1777-1793. DOI: 10.1002/joc.5295 (IF 2016: 3.76). 30 March 2018. autor corespondent
44. Croitoru, Adina-Eliza, Ungureanu Mădălina Genoveva, Horvath Csaba (2018), Weather-Lore Associated with Religious and Folklore Holidays in Romania, *Revista de Etnografie și Folclor/Journal of Ethnography and Folklore*, New series, 1-2, p. 251-262.
45. Ceglár Andrej, Croitoru Adina-Eliza, Cuxart Joan, Djurdjevic Vladimir, Güttler Ivan, Ivančan-Picek Branka, Jug Danijel, Lakatos Mónika, Weidinger Tamás (2018), PannEx: The Pannonian Basin Experiment, *Climate Services*, 11(August), 78-85. <https://doi.org/10.1016/j.cliser.2018.05.002>.
46. Dogaru Gabriela, Scripcă Andreea-Sabina, Croitoru Adina-Eliza, Motricală Marieta, Bulboacă Adriana, Stănescu Ioana (2018), A clinical study regarding the improvement of symptoms and the time efficacy of treatments performed in Băile Tușnad balneoclimatic resort, *Balneo Research Journal*, vol. 9, no. 2, p. 76-81, DOI: <http://dx.doi.org/10.12680/balneo.2018.177>.
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