

Lista publicațiilor cu semnificație relevantă pentru domeniul Prof. univ. dr.

Adina-Eliza Croitoru

Publicații reprezentative

A. Articole indexate Web of Science sau ERIH în reviste cu factor de impact sau alte realizări, cu semnificație relevantă pentru domeniul.

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2. **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.
3. **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.
4. **Croitoru Adina-Eliza**, Piticar Adrian (2013) Changes in daily extreme temperatures in the extra-Carpathians regions of Romania, *International Journal of Climatology*, Volume 33, Issue 8, pages 1987–2001, 30 June 2013. DOI: 10.1002/joc.356.
5. **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, *Theoretical and Applied Climatology*, May 2013, Volume 112, Issue 3-4, pp 597-607. DOI 10.1007/s00704-012-0755-2.
6. **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.
7. **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
8. 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*
9. 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*
 10. **Croitoru Adina-Eliza**, Pititcar 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 **Croitoru Adina-Eliza**, Bătiuaş Răzvan Horaţiu, Mureşan Liana (2014) Analysis of NO_x 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.*
 11. **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*
 12. **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*
 13. Imbroane Alexandru, **Croitoru Adina-Eliza**, Herbel Ioana, Rus Ionuţ, Petrea Dănuţ (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.*
 14. **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.

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17. 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.
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20. **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.
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 32. Ceglar 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>.
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38. Sidău Mugurel Raul, **Croitoru Adina-Eliza**, Alexandru Diana-Elena (2021) Comparative Analysis between Daily Extreme Temperature and Precipitation Values Derived from Observations and Gridded Datasets in North-Western Romania. *Atmosphere*, 12(3), 361; <https://doi.org/10.3390/atmos12030361>
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42. Cheval Sorin, Bulai Ana, **Croitoru Adina-Eliza**, Dorondel Stefan, Micu Dana, Mihaila Dumitru, Sfica Lucian, Tiscovschi, Adrian (2022) Climate change perception in Romania. *Theoretical and Applied Climatology*, 149 (1-2), 253-272. DOI:10.1007/s00704-022-04041-4.
43. Horvath Csaba, **Croitoru Adina-Eliza** (2023), Analysis of precipitation extremes related to agriculture and water resources sectors based on gridded daily data in Romania. *Theoretical and Applied Climatology* 151, 355–373 (2023). <https://doi.org/10.1007/s00704-022-04271-6>.

44. Magyari-Sáska, Z., **Croitoru, A.-E.**, Horváth, C. & Dombay, Ş. (2023) ClimShift – A new toolbox for the detection of climate change. *Geoscience Data Journal*, 00, 1–15. Available from: <https://doi.org/10.1002/gdj3.234>.
45. **Croitoru Adina-Eliza**, Banc Stefana, Scripcă Andreea Sabina, Rus Adina Viorica (2024), Climatic Suitability for Outdoor Tourism in Romania's Big Cities. *Atmosphere*, 15, 996. <https://doi.org/10.3390/atmos15080996>.
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B. Cărţi

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2. **Croitoru, Adina-Eliza**, Sorocovschi Victor (2012), *Introducere in biometeorologia umana*, Casa Cartii de Stiinta, Cluj-Napoca, 200p.
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4. **Croitoru Adina-Eliza** (Lead author), Piticar Adrian, Sfică Lucian, Harpa Gabriela-Victoria, Roșca Cristina-Florina, Tudose Traian, Horvath Csaba, Minea Ionuț, Ciupertea Flavius-Antoni, Scripcă Andreea-Sabina (Contributing authors:) (2018), *Extreme temperature and precipitation events in Romania*, Editura Academiei Române, 359 p. ISBN 978-973-27-2833-8.

C. Capitole de cărți:

1. **Croitoru Adina-Eliza**, Rus Adina-Viorica, Man Titus-Cristian, Malairău Victor, Matei Alexandru (2022), Climate suitability for sustainable economic growth through tourism in the Danube Delta. In: Negm, A.M., Diaconu, D.C. (eds) *The Danube River Delta. Earth and Environmental Sciences Library*. Springer, Cham. 291-316. https://doi.org/10.1007/978-3-031-03983-6_11.
2. **Croitoru Adina-Eliza**, Horvath Csaba, Man Titus-Cristian (2022), Assessment of Climate Conditions and Changes Detected Over the Historical Period (1961–2013), In: Negm, A.M., Diaconu, D.C. (eds) *The Danube River Delta. Earth and Environmental Sciences Library*. Springer, Cham. 77-99. https://doi.org/10.1007/978-3-031-03983-6_3.

D. Note conceptuale și documente strategice care contribuie la elaborarea politicilor publice la nivel național și internațional

1. Judit Bartholy, Blanka Bartók, Ákos Bede-Fazekas, Andreina Belušić, Zita Bihari, Márta Birkás, László Bozó, Mirjana Brmež, Bojana Brozović, Andrej Ceglar, Sorin Cheval, Ksenija Cindrić Kalin, **Adina-Eliza Croitoru**, Joan Cuxart, Bojan Cvetković, Lidija Cvitan, Jasenka Ćosić, Ildiko Dobi Wantuch, Boris Đurđević, Jozef Eitzinger, Zita Ferenczi, Ana Firanj Sremec, Nandor Fodor, Vesna Gantner, Gregor Gregoric, Branko Grisogono, Ivan Güttler, Baranka Györgyi, Csaba Horvath, Kristian Horvath, Branka Ivančan-Picek, Amela Jeričević, Marton Jolankai, Danijel Jug, Irena Jug, Kriszta Labancz, Livia Labudova, Mónika Lakatos, , Branislava Lalić, Dóra Lázár, Attila Machon, Blaženka Matjačić, Pero Mijić, Slobodan Nickovic, Tijana Nikolic, Béla Nováky, Peter van Oevelen, Valeriya Ovcharuk, Goran Pejanovic, Jan Polcher, Rita Pongracz, Renata Sokol Jurković, Inna Semenova, Andre Simon, Imelda Somodi, Bojan Stipešević, Dejan B. Stojanović, Mirta Sudarić Bogojević, Sándor Szalai, Gabriella Szépszó, Maja Telišman Prtenjak, Helga Toth, Sonja Trifunov, Marijana Tucak, Janos Unger, Florin Vasile Pintea, Balázs Szintai, Sonja Vidič, Karolina Vrandečić, Vesna Vukadinović, Tamás Weidinger, Jeffrey Wilson (WMO), Martina Zelenakova, Krunoslav Zmaić (Contributors) (2019), *PannEx White Book, A GEWEX Regional Hydroclimate Project (RHP) over the Pannonian Basin*. WCRP Report 3/2019, World Climate Research Programme (WCRP): Geneva, Switzerland, 108pp. (PannEx White Book, A GEWEX Regional Hydroclimate Project

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2. Grupul de lucru pe tema „Combaterea schimbărilor climatice: o abordare integrată”, 2023. *Limitarea schimbărilor climatice și a impactului lor: o abordare integrată pentru România*. Administrația Prezidențială, Departamentul Climă și Sustenabilitate, București, România. <https://www.presidency.ro/ro/presa/clima-si-sustenabilitate/raport-limitarea-schimbarilor-climatice-si-a-impactului-lor-o-abordare-integrata-pentru-romania>
3. Toma Valentin-Veron, Croitoru Adina-Eliza (2025), *Schimbările climatice și sănătatea publică - Impactul valurilor de căldură și al temperaturilor extreme în România*, în Starea Climei România, 2025. <https://www.stareaclimei.ro/capitole/capitolul-10-schimbarile-climatice-si-sanatatea-publica>

2 februarie 2026

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