

Lista rezultatelor cercetării desfășurate în anul 2024

Facultatea de Silvicultură

ARTICOLE ISI

(articole, proceedings paper, review publicate in reviste cotate ISI, lucrări științifice publicate în volumele conferințelor internaționale cotate ISI, recenzii apărute în reviste ISI):

Nr. crt.	Articol (referința completă)	ISSN
1.	Tatiana Bebchuk, Paul J. Krusic, Joshua H. Pike, Alma Piermattei , Ronny Friedrich, Lukas Wacker, Alan Crivellaro , Tito Arosio, Alexander V. Kirdyanov, Philip Gibbard, David Brown, Jan Esper, Frederick Reinig, Ulf Büntgen, <i>Sudden disappearance of yew (<i>Taxus baccata</i>) woodlands from eastern England coincides with a possible climate event around 4.2 ka ago</i> . Quaternary Science Reviews, 323, 108414, 2024 , https://doi.org/10.1016/j.quascirev.2023.108414 , Q2 .	0277-3791
2.	Rákossy, L. ; Martin, M.A.; Sitar, G.M.; Crișan, A.; Sitar, C. <i>Exploring Morphological Population Variability: Host Plant and Habitat Dependency in the Protected Moth <i>Gortyna borelii</i> (Lepidoptera, Noctuidae)</i> . Diversity 2024 , 16, 227. https://doi.org/10.3390/d16040227 , Q2 .	1424-2818
3.	Sitar, C.; Sitar, G.M.; Ionică, A.M.; Hula, V.; Spitzer, L.; Rusu, A.S.; Rakossy, L. <i>Multi-Annual Study of <i>Eriogaster catax</i> (Linnaeus, 1758) (Lepidoptera, Lasiocampidae) Oviposition Strategy in Transylvania's Largest Population: Key Insights for Species Conservation and Local Land Management</i> . Insects 2024 , 15, 794. https://doi.org/10.3390/insects15100794 , Q1 .	2075-4450
4.	Barnoaeia, I., Palaghianu, C., & Drăgoi, M. (2024) . <i>Combining visual interpretation and image segmentation to derive canopy cover index from high resolution satellite imagery in functionally diverse coniferous forests</i> . Notulae Botanicae Horti Agrobotanici Cluj-Napoca, 52(1), 13637. https://doi.org/10.15835/nbha52113637 , Q3 .	1842-4309
5.	Liviu Nichiforel , Bogdan Buliga, Ciprian Palaghianu , 2024 . Two decades of stakeholder voices: Exploring engagement in Romania's FSC forest management certification. Journal of Cleaner Production. 475, 143718, https://doi.org/10.1016/j.jclepro.2024.143718 , Q1 .	0959-6526
6.	Ioniță Monica , 2024 . <i>Large-scale drivers of the exceptionally low winter Antarctic sea ice extent in 2023</i> . Frontiers In Earth Science. 12, DOI10.3389/feart.2024.1333706. Q3 .	2296-6463
7.	Khazani, Z.S., Precht, E. & Ionita, M. <i>Weekly streamflow forecasting of Rhine river based on machine learning approaches</i> . Nat Hazards (2024). https://doi.org/10.1007/s11069-024-06962-x , Q2 .	1573-0840
8.	Ma, Q., Y. Chen, and M. Ionita , 2024 : <i>European Summer Wet-Bulb Temperature: Spatiotemporal Variations and Potential Drivers</i> . J. Climate, 37, 2059–2080, https://doi.org/10.1175/JCLI-D-23-0420.1 , Q1 .	1520-0442
9.	Alma Piermattei , 2024 . <i>A new perspective on tree growing season determination</i> . Journal of Biogeography, 51(12): 2334-2337. DOI10.1111/jbi.14993, Q1 .	1365-2699

10.	Cosmin Ilie Cuciurean , Cristian Gheorghe Sidor, J. Julio Camarero, Amelia Bucurei, Ovidiu Badea. 2024 . <i>Detecting changes in industrial pollution by analyzing heavy metal concentrations in tree-ring wood from Romanian conifer forests</i> . Environmental Research, 252-1, 118884, https://doi.org/10.1016/j.envres.2024.118884 , Q1 .	0013-9351
11.	Rebecca Adam McPherson, Wekerle Claudia, Kanzow Torsten, Ioniță Monica , Heukamp Finn Ole, Zeising Ole, Humbert Angelika (2024). <i>Atmospheric blocking slows ocean-driven melting of Greenland's largest glacier tongue</i> . Science , 385, 1360-1366. DOI:10.1126/science.ado5008, Q1 .	0036-8075
12.	Lucrezia Unterholzner, Daniele Castagneri, Riccardo Cerrato, Marian-Ionuț Știrbu, Cătălin-Constantin Roibu , Marco Carrer. <i>Climate response of a glacial relict conifer across its distribution range is invariant in space but not in time</i> . Science of The Total Environment, Volume 906, 2024 , 167512, https://doi.org/10.1016/j.scitotenv.2023.167512 . (https://www.sciencedirect.com/science/article/pii/S0048969723061399). Q1 .	0048-9697
13.	Cai D, Lohmann G, Chen X and Ionita M (2024) <i>The linkage between autumn Barents-Kara sea ice and European cold winter extremes</i> . Front. Clim. 6:1345763. doi: 10.3389/fclim.2024.1345763, Q2 .	2624-9553
14.	Ruffy M. Rodrigo, Joseph L. Pettit, Pavel Janda, Jakob Pavlin, Dheeraj Ralhan, Daniel Kozak, Radim Matula, William Marchand, Radek Bače, Martin Dušátko, Tomáš Kníř, Michal Frankovič, Martin Mikoláš, Jeňýk Hofmeister, Cătălin-Constantin Roibu , Melanie Saulnier, Miroslav Svoboda. 2024 . <i>Past disturbances shape present tree size distribution in European temperate primary beech-dominated forests</i> . Forest Ecology and Management, 574, 122364, https://doi.org/10.1016/j.foreco.2024.122364 , Q1 .	0378-1127
15.	T. Spiegl, M. Ionita , S. Doshi, G. Lohmann, 2024 . <i>A synoptic scale perspective of solar forcing on extreme precipitation and floods over europe during summer</i> . JGR Atmospheres, 29, 21, https://doi.org/10.1029/2024JD041952 , Q2 .	2169-897X
16.	Gabriel Dănilă , Sebastian Cătănoiu, Sanda Roșca, Cosmin Coșofreț . <i>GIS Analysis Of The Spatial Distribution Of European Bison (Bison Bonasus L.) In Vânători Neamț Natural Park, Romania, Between 2014 And 2019</i> , Geographia Technica, Vol 19, Issue 1, 2024, pp. 135-150, DOI10.21163/GT_2024.191.10, Q4 .	1842-5135
17.	Ma QY; Shi XX; Scholz P; Sidorenko D; Lohmann G; Ionita M. , 2024 . <i>Revisiting climate impacts of an AMOC slowdown: dependence on freshwater locations in the North Atlantic</i> . Sci. Adv.10,eadr3243(2024).DOI:10.1126/sciadv.adr3243, Q1 .	2375-2548
18.	Dheeraj Ralhan, Ruffy Rodrigo, Heather Keith, Annemiek Irene Stegehuis, Jakob Pavlin, Yumei Jiang, Miloš Rydval, Juliana Nogueira, Alexandre Fruleux, Marek Svitok, Martin Mikoláš, Daniel Kozák, Martin Dušátko, Pavel Janda, Oleh Chaskovsky, Cătălin-Constantin Roibu , Miroslav Svoboda. <i>Tree structure and diversity shape the biomass of primary temperate mountain forests</i> , Forest Ecosystems, 11, 2024 , 100215, https://doi.org/10.1016/j.fecs.2024.100215 , Q1 .	2197-5620
19.	Heather Keith, Zoltàn Kun, Sonia Hugh, Miroslav Svoboda, Martin Mikoláš, Dusan Adam, Dmitry Bernatski, Viorel Blujdea, Friedrich Bohn, Jesús Julio Camarero, László Demeter, Alfredo Di Filippo, Ioan Dutcă, Matteo Garbarino, Ferenc Horváth, Valery Ivkovich, Āris Jansons, Laura Țeșina, Kamil Kral, Dario	2662-4435

	Martin-Benito, Juan Alberto Molina-Valero, Renzo Motta, Thomas A. Nagel, Momchil Panayotov, César Pérez-Cruzado, Gianluca Piovesan, Cătălin-Constantin Roibu , Pavel Šamonil, Ondřej Vostarek, Maxim Yermokhin, Tzvetan Zlatanov & Brendan Mackey. <i>Carbon carrying capacity in primary forests shows potential for mitigation achieving the European Green Deal 2030 target</i> . Commun Earth Environ 5, 256 (2024). https://doi.org/10.1038/s43247-024-01416-5 , Q1.	
20.	Valerio Avitabile, Roberto Pilli, Mirco Migliavacca, Gregory Duveiller, Andrea Camia, Viorel Blujdea, Radim Adolt, Iciar Alberdi, Susana Barreiro, Susann Bender, Dragan Borota, Michal Bosela, Olivier Bouriaud , Johannes Breidenbach, Isabel Cañellas, Jura Čavlović, Antoine Colin, Lucio Di Cosmo, Janis Donis, Christoph Fischer, Alexandra Freudenschuss, Jonas Fridman, Patrizia Gasparini, Thomas Gschwantner, Laura Hernández, Kari Korhonen, Gintaras Kulbokas, Vivian Kvist, Nicolas Latte, Andis Lazdins, Philippe Lejeune, Kristaps Makovskis, Gheorghe Marin, Jan Maslo, Artur Michorczyk, Marcin Mionskowski, François Morneau, Marcin Myszkowski, Kinga Nagy, Mats Nilsson, Thomas Nord-Larsen, Damjan Pantic, Jérôme Perin, John Redmond, Maria Rizzo, Vladimír Šebeň, Mitja Skudnik, Arnor Snorrason, Radosław Sroga, Todor Stoyanov, Arvid Svensson, Andrzej Talarczyk, Sander Teeuwen, Esther Thürig, José Uva & Sarah Mubareka. <i>Harmonised statistics and maps of forest biomass and increment in Europe</i> . Sci Data 11, 274 (2024). https://doi.org/10.1038/s41597-023-02868-8 , Q1.	2052-4463
21.	Jernej Jevšenak, Marcin Klisz, Jiří Mašek, Vojtěch Čada, Pavel Janda, Miroslav Svoboda, Ondřej Vostarek, Vaclav Tremel, Ernst van der Maaten, Andrei Popa, Ionel Popa, Marieke van der Maaten-Theunissen, Tzvetan Zlatanov, Tobias Scharnweber, Svenja Ahlgrimm, Juliane Stolz, Irena Sochová, Cătălin-Constantin Roibu , Hans Pretzsch, Gerhard Schmied, Enno Uhl, Ryszard Kaczka, Piotr Wrzesiński, Martin Šenfeldr, Marcin Jakubowski, Jan Tumajer, Martin Wilmking, Nikolaus Obojes, Michal Rybníček, Mathieu Lévesque, Aleksei Potapov, Soham Basu, Marko Stojanović, Stefan Stjepanović, Adomas Vitas, Domen Arnič, Sandra Metslaid, Anna Neycken, Peter Prislan, Claudia Hartl, Daniel Ziche, Petr Horáček, Jan Krejza, Sergei Mikhailov, Jan Světlík, Aleksandra Kalisty, Tomáš Kolář, Vasyl Lavnyy, Maris Hordo, Walter Oberhuber, Tom Levanič, Ilona Mészáros, Lea Schneider, Jiří Lehejček, Rohan Shetti, Michal Bošela, Paul Copini, Marcin Koprowski, Ute Sass-Klaassen, Şule Ceyda Izmir, Remigijus Bakys, Hannes Entner, Jan Esper, Karolina Janecka, Edurne Martinez del Castillo, Rita Verbylaite, Mátyás Árvai, Justine Charlet de Sauvage, Katarina Čufar, Markus Finner, Torben Hilmers, Zoltán Kern, Klemen Novak, Radenko Ponjarac, Radosław Puchałka, Bernhard Schuldt, Nina Škrk Dolar, Vladimir Tanovski, Christian Zang, Anja Žmegač, Cornell Kuithan, Marek Metslaid, Eric Thurm, Polona Hafner, Luka Krajnc, Mauro Bernabei, Stefan Bojić, Robert Brus, Andreas Burger, Ettore D'Andrea, Todor Đorem, Mariusz Gławęda, Jožica Gričar, Marko Gutalj, Emil Horváth, Saša Kostić, Bratislav Matović, Maks Merela, Boban Miletić, András Morgós, Rafał Paluch, Kamil Pilch, Negar Rezaie, Julia Rieder, Niels Schwab, Piotr Sewerniak, Dejan Stojanović, Tobias Ullmann, Nella Waszak, Ewa Zin, Mitja Skudnik, Krištof Oštir, Anja Rammig, Allan Buras. <i>Incorporating high-resolution climate, remote sensing and topographic data to map annual forest growth in central and eastern Europe</i> . Science of The Total Environment, 913, 2024, 169692, https://doi.org/10.1016/j.scitotenv.2023.169692 , Q1.	0048-9697
22.	Nagavciuc, V. , Michel, S. L. L., Balting, D. F., Helle, G., Freund, M., Schleser, G. H., Steger, D. N., Lohmann, G., and Ionita, M. : A past and present	1814-9324

	perspective on the European summer vapor pressure deficit, <i>Clim. Past</i> , 20, 573–595, https://doi.org/10.5194/cp-20-573-2024 , 2024 , Q1 .	
23.	Christopher Leifsson, Allan Buras, Stefan Klesse, Claudia Baittinger, Banzragch Bat-Enerel, Giovanna Battipaglia, Franco Biondi, Branko Stajić, Marius Budeanu, Vojtěch Čada, Liam Cavin, Hugues Claessens, Katarina Čufar, Martin de Luis, Isabel Dorado-Liñán, Choimaa Dulamsuren, Balázs Garamszegi, Michael Grabner, Andrew Hacket-Pain, Jon Kehlet Hansen, Claudia Hartl, Weiwei Huang, Pavel Janda, Alistair S. Jump, Marko Kazimirović, Florian Knutzen, Jürgen Kreyling, Alexander Land, Nicolas Latte, François Lebourgeois, Christoph Leuschner, Luis A. Longares, Edurne Martinez del Castillo, Annette Menzel, Renzo Motta, Lena Muffler-Weigel, Paola Nola, Momchil Panayatov, Any Mary Petritan, Ion Catalin Petritan, Ionel Popa, Cătălin-Constantin Roibu , Álvaro Rubio-Cuadrado, Miloš Rydval, Tobias Scharnweber, J. Julio Camarero, Miroslav Svoboda, Elvin Toromani, Volodymyr Trotsiuk, Marieke van der Maaten-Theunissen, Ernst van der Maaten, Robert Weigel, Martin Wilmking, Tzvetan Zlatanov, Anja Rammig, Christian S. Zang. <i>Identifying drivers of non-stationary climate-growth relationships of European beech</i> . 2024 . <i>Science of The Total Environment</i> , 937, 173321, https://doi.org/10.1016/j.scitotenv.2024.173321 , Q1 .	0048-9697
24.	Palosse, A; Piermattei, A ; Esper, J; Reinig, F; Verstege, A; Torbenson, M; Trnka, M; Arosio, T; Büntgen, U. 2024 . <i>Temperature-induced germination pulses above the alpine tree line</i> . <i>Arctic antarctic and alpine research</i> , 56(1), DOI10.1080/15230430.2024.2362447, Q3 .	1523-0430
25.	Laura Schillé, Elena Valdés-Correcher, Frédéric Archaux, Flavius Bălăcenoiiu, Mona Chor Bjørn, Michal Bogdziewicz, Thomas Boivin, Manuela Branco, Thomas Damestoy, Maarten de Groot, Jovan Dobrosavljević, Mihai-Leonard Duduman , Anne-Maïmiti Dulaurent, Samantha Green, Jan Grünwald, Csaba Béla Eötvös, Maria Faticov, Pilar Fernandez-Conradi, Elisabeth Flury, David Funosas, Andrea Galmán, Martin M. Gossner, Sofia Gripenberg, Lucian Grosu , Jonas Hagge, Arndt Hampe, Deborah Harvey, Rick Houston, Rita Isenmann, Andreja Kavčič, Mikhail V. Kozlov, Vojtech Lanta, Bénédicte Le Tilly, Carlos Lopez-Vaamonde, Soumen Mallick, Elina Mäntylä, Anders Mårell, Slobodan Milanović, Márton Molnár, Xoaquín Moreira, Valentin Moser, Anna Mrazova, Dmitrii L. Musolin, Thomas Perot, Andrea Piotti, Anna V. Popova, Andreas Prinzing, Ludmila Pukinskaya, Aurélien Sallé, Katerina Sam, Nickolay V. Sedikhin, Tanja Shabarova, Ayco J. M. Tack, Rebecca Thomas, Karthik Thrikkadeeri, Dragoş Toma, Grete Vaicaityte, Inge van Halder, Zulema Varela, Luc Barbaro, Bastien Castagneyrol. 2024 . <i>Decomposing drivers in avian insectivory: Large-scale effects of climate, habitat and bird diversity</i> . <i>Journal of Biogeography</i> , 51(6), DOI10.1111/jbi.14808, Q1 .	0305-0270
	Van Loon, A. F., Kchouk, S., Matanó, A., Tootoonchi, F., Alvarez-Garreton, C., Hassaballah, K. E. A., Wu, M., Wens, M. L. K., Shyrokaia, A., Ridolfi, E., Biella, R., Nagavciuc, V. , Barendrecht, M. H., Bastos, A., Cavalcante, L., de Vries, F. T., Garcia, M., Mård, J., Streefkerk, I. N., Teutschbein, C., Tootoonchi, R., Weesie, R., Aich, V., Boisier, J. P., Di Baldassarre, G., Du, Y., Galleguillos, M., Garreaud, R., Ionita, M. , Khatami, S., Koehler, J. K. L., Luce, C. H., Maskey, S., Mendoza, H. D., Mwangi, M. N., Pechlivanidis, I. G., Ribeiro Neto, G. G., Roy, T., Stefanski, R., Trambauer, P., Koebele, E. A., Vico, G., and Werner, M.: <i>Review article: Drought as a continuum – memory effects in interlinked hydrological, ecological, and social systems</i> , <i>Nat. Hazards Earth Syst. Sci.</i> , 24, 3173–3205, https://doi.org/10.5194/nhess-24-3173-2024 , 2024 , Q1 .	1561-8633

26.	Magdalena Niedziałkowska, Kamila Plis, Barbara Marczuk, Johannes Lang, Mike Heddergott, Juha Tiainen, Aleksey Danilkin, Marina Kholodova, Elena Zvychnaynaya, Nadezhda Kashinina, Aleksey Bunevich, Ladislav Paule, Maryna Shkvyria, Nikica Šprem, Szilvia Kusza, Algimantas Paulauskas, Luboš Novák, Miroslav Kutal, Christine Miller, Dimitris Tsaparis, Stoyan Stoyanov, Boštjan Pokorný, Katarina Flajšman, Vukan Lavadinović, Franz Suchentrunk, Ana-Maria Krapal, Gabriel Dănilă , Rauno Veeroja, Bogumiła Jędrzejewska. <i>Genetic diversity and complex structure of the European Roe Deer population at a continental scale</i> . Journal of Mammalogy, Volume 105, Issue 1, February 2024 , Pages 73–84, https://doi.org/10.1093/jmammal/gyad098 , Q1 .	0022-2372
27.	Stefan Klesse, Richard L. Peters, Raquel Alfaro-Sánchez, Vincent Badeau, Claudia Baittinger, Giovanna Battipaglia, Didier Bert, Franco Biondi, Michal Bosela, Marius Budeanu, Vojtěch Čada, J. Julio Camarero, Liam Cavin, Hugues Claessens, Ana-Maria Cretan, Katarina Čufar, Martin de Luis, Isabel Dorado-Liñán, Choimaa Dulamsuren, Josep Maria Espelta, Balazs Garamszegi, Michael Grabner, Jozica Gricar, Andrew Hacket-Pain, Jon Kehlet Hansen, Claudia Hartl, Andrea Hevia, Martina Hobi, Pavel Janda, Alistair S. Jump, Jakub Kašpar, Marko Kazimirović, Srdjan Keren, Juergen Kreyling, Alexander Land, Nicolas Latte, François Lebourgeois, Christoph Leuschner, Mathieu Lévesque, Luis A. Longares, Edurne Martinez del Castillo, Annette Menzel, Maks Merela, Martin Mikoláš, Renzo Motta, Lena Muffler, Anna Neycken, Paola Nola, Momchil Panayotov, Any Mary Petritan, Ion Catalin Petritan, Ionel Popa, Peter Prislan, Tom Levanič, Catalin-Constantin Roibu , Álvaro Rubio-Cuadrado, Raúl Sánchez-Salguero, Pavel Šamonil, Branko Stajić, Miroslav Svoboda, Roberto Tognetti, Elvin Toromani, Volodymyr Trotsiuk, Ernst van der Maaten, Marieke van der Maaten-Theunissen, Astrid Vannoppen, Ivana Vašíčková, Georg von Arx, Martin Wilmking, Robert Weigel, Tzvetan Zlatanov, Christian Zang, Allan Buras. 2024 . <i>No Future Growth Enhancement Expected at the Northern Edge for European Beech due to Continued Water Limitation</i> . Global Change Biology, 30(10). https://doi.org/10.1111/gcb.17546 , Q1 .	1354-1013
28.	Thomas Mortier, Jakub Truszkowski, Marigold Norman, Markus Boner, Bogdan Buliga , Caspar Chater, Henry Jennings, Jade Saunders, Rosie Sibley, Alexandre Antonelli, Willem Waegeman & Victor Deklerck. A framework for tracing timber following the Ukraine invasion. Nat. Plants 10, 390–401 (2024). https://doi.org/10.1038/s41477-024-01648-5 , Q1 .	2055-026X
29.	Ingrid Bejarano-Arias, Carole Nehme, Sebastian F. M. Breitenbach, Monica Ionita , James Baldini, Edwige Pons-Branchu, Sevasti Modestou, Stuart Umbo & Damase Mouralis. <i>A multi-proxy stalagmite record indicates a shift in forcing of twentieth century drought events in Normandy</i> . Sci Rep 14, 26049 (2024). https://doi.org/10.1038/s41598-024-77674-2 , Q1 .	2045-2322
30.	Ulf Büntgen, Frederick Reinig, Anne Verstege, Alma Piermattei , Marcel Kunz, Paul Krusic, Philip Slavin, Petr Štěpánek, Max Torbenson, Edurne Martinez del Castillo, Tito Arosio, Alexander Kirdyanov, Clive Oppenheimer, Mirek Trnka, Audrey Palosse, Tatiana Bebbchuk, J. Julio Camarero, Jan Esper, <i>Recent summer warming over the western Mediterranean region is unprecedented since medieval times</i> , Global and Planetary Change, 232, 2024 , 104336, https://doi.org/10.1016/j.gloplacha.2023.104336 , Q1 .	0921-8181
31.	I. Sochová, T. Kolář, M. Árvai, M. Bošela, K. Čufar, Z. Kern, J. Kyncl, P. Marčíš, I. Mészáros, A. Morgós, A. Mursa , A. Popa, C.-C. Roibu , I. Sopushynskyy, M.	1125-7865

	Rybníček. <i>The palaeoclimatic potential of recent oak tree-ring width chronologies from Southwest Ukraine</i> , Dendrochronologia, Volume 84, 2024 , 126168, https://doi.org/10.1016/j.dendro.2024.126168 , Q1 .	
32.	Kevin J. Anchukaitis, Ramzi Touchan, David M. Meko, Dalila Kherchouche, Said Slimani, Fatih Sivrikaya, Rachid Ilmen, Ioannis Mitsopoulos, Jean Stephan, Jihad Attieh, Foued Hasnaoui, J. Julio Camarero, Raúl Sánchez-Salguero, Frederic Guibal, Alma Piermattei , Andreas Christou, Jordan Krcmaric & Benjamin I. Cook. <i>Enhancing spatiotemporal paleoclimate reconstructions of hydroclimate across the Mediterranean over the last millennium</i> . Clim Dyn 62, 5351–5371 (2024). https://doi.org/10.1007/s00382-024-07166-6 , Q1 .	0930-7575
33.	Bushuk, M.,..., Ionitǎ M. , ... and Coauthors, 2024 : <i>Predicting September Arctic Sea Ice: A Multimodel Seasonal Skill Comparison</i> . Bull. Amer. Meteor. Soc., 105, E1170–E1203, https://doi.org/10.1175/BAMS-D-23-0163.1 , Q1 .	0003-0007
34.	Kim, SW; Haule, K; Pascut, GL ; Monserrat, B., 2024 . <i>Non-Fermi liquid to charge-transfer Mott insulator in flat bands of copper-doped lead apatite</i> . Materials horizons, 11(22), DOI10.1039/d4mh00971a, Q1 .	2051-6347
35.	M. J. Gutmann; O. Kopach; V. Kopach; V. Mykhailovych; G. L. Pascut ; P. Fochuk, 2024 . <i>A single crystal diffuse scattering study of structural relaxations arising from dopants in the semiconductor Cd_{0.9}Zn_{0.1}Te</i> . Journal of applied physics. 135(21), DOI10.1063/5.0211429, Q2 .	0021-8979
36.	Kim, SW., Wang, K., Chen, S., Conway, LG., Pascut, GL. , Errea, I., Pickard CJ., Monserrat, B.. <i>On the dynamical stability of copper-doped lead apatite</i> . npj Comput Mater 10, 16 (2024). https://doi.org/10.1038/s41524-024-01206-9 , Q1 .	2057-3960
37.	Zulfiyor Bakhtiyorov, Feng Chen, Youping Chen, Shijie Wang, Heli Zhang, Mao Hu, Weipeng Yue, Sharifjon Habibulloev, Giorgi Kavtaradze, Marina Gurskaya, Leonid Agafonov, Oimahmad Rahmonov, Cătălin-Constantin Roibu , Unal Akkemik, Nesibe Köse, Charles Norman. <i>Historical drivers and future streamflow variations of the Kura River in the Western Transcaucasia region of Georgia: Analysis of tree-ring chronologies from 1720 to 2021 CE</i> . Palaeogeography, Palaeoclimatology, Palaeoecology, 655, 2024 , 112529, https://doi.org/10.1016/j.palaeo.2024.112529 , Q1 .	0031-0182
38.	Ionita, M. , Vaideanu, P., Antonescu, B., Roibu, C. , Ma, Q., Nagavciuc, V. Examining the Eastern European extreme summer temperatures of 2023 from a long-term perspective: the role of natural variability vs. anthropogenic factors. 2024 . Nat. Hazards Earth Syst. Sci., 24(12): 4683-4706 10.5194/nhess-24-4683-2024, Q1 .	1561-8633

ARTICOLE ÎN PUBLICAȚII BDI

(în reviste din fluxul principal de publicații):

Nr. crt.	Articol (referința completă)	ISSN
1.	Vasiliu, S., Duduman, M.-L. , & Ciocan, C. (2024). <i>Activitatea de zbor a gândacilor de scoarță ai bradului, din genul Pityokteines, în perioada aprilie-iulie 2017, în zona Roznov – Neamț</i> . Bucovina Forestieră, 24(1), 57-66. https://doi.org/10.4316/bf.2024.005 .	1582-0769
2.	Enescu M., Popa B., Nichiforel L. , Sfirlogea S., 2024. <i>Maratonul Pădurilor: Un instrument de comunicare eficientă despre păduri</i> . Revista Pădurilor 139(3) (2024) 55-58.	1583-7890
3.	Cosofret, C., Palaghianu, C. , Talpă. N., Savin, A., Bouriaud, L. , Bouriaud, O., 2024, <i>Climate change effects on tree species composition in the Southern region of the Republic of Moldova</i> , Bulletin of the Transilvania University of Brașov, Series II: Forestry Wood Industry Agricultural Food Engineering.	2066-7701
4.	Barbu C. O., Scriban R. E. , 2024. <i>Nevoi, provocări și bariere cu care se confruntă fetele și tinerele femei din România în alegerea unei cariere în silvicultură</i> . Bucovina Forestieră 24 (2) (în curs de apariție).	1582-0769
5.	Pălie, D., Bouriaud, L. , 2024. <i>Evaluarea nivelului de maturitate tehnologică a dispozitivelor RFID pentru marcarea arborilor și analiza posibilităților de utilizare a acestora în România</i> . Bucovina Forestieră, 24(1), pp.67-83.	1582-0769
6.	Constantin Ciornei, Daniela Lupaștean , Emilian Pricop, 2024. <i>Viespea defoliatoare Tomostethus nigritus F. (Hymenoptera: Tenthredinidae) – o nouă provocare pentru frasinul comun (Fraxinus excelsior L.)</i> . Bucovina Forestieră, nr. 2/2024 (în curs de apariție).	1582-0769
7.	Daniela Lupaștean , 2024. <i>Știința cu cetățeni – instrument important în cercetarea silvică</i> . Bucovina Forestieră, nr. 2/2024 (în curs de apariție).	1582-0769
8.	Iosifescu V., Drăgoi M. , 2024. <i>Argumente și o posibilă soluție privind criteriile de gradare a unităților silvice din cadrul Regiei Naționale a Pădurilor</i> . Revista Pădurilor, 139(4): 35-50.	1583-7890
9.	Stirbu M.I., Roibu C-C., Mursa A.* , Andriescu C-M., Cotos, M-G., Asandei M-E. , Sfecla V., Roibu, A-M., Iosifescu, V., Popa, V., 2024 <i>Analize de anatomie cantitativă a lemnului pentru fag și stejar: protocol de lucru și perspective</i> , Bucovina forestieră, vol 2, 2024 (în curs de apariție).	1582-0769
10.	Halicu M., Bouriaud L. 2024. <i>Understanding the complex relationship between society and the environment through forest ecosystem services: a systematic literature review</i> . Bucov. For. 24(2).	1582-0769

CĂRȚI SAU CONTRIBUȚII ÎN CĂRȚI PUBLICATE ÎN ANUL 2024:

Nr. crt.	Autor(i)	Titlul, editura	ISBN
1.	Duduman G., Tomescu C.V., Măciucă A., Barnoaiea I., Iacobescu O., Duduman M.L.	<i>Vegetația și fauna Pădurii Șipote din Municipiul Suceava.</i> Editura Universității „Ștefan cel Mare” Suceava, 248 p.	978-973-666-811-1
2.	Bouriaud L., Bouriaud O., Enescu M., Coșofreț C., Palaghianu C., Savin A., Gulca V.	<i>Adaptarea sectorului forestier din Republica Moldova la schimbările climatice: Manual pentru personalul silvic.</i> UCIP IFAD Chișinău	978-9975-127-90-5
3.	Tomescu C.V.	<i>Morfologie și anatomie vegetală.</i> Editura Universității "Ștefan cel Mare", 220 p.	978-973-666-818-0
4.	Nichiforel L., Popa B.	<i>Criterii și indicatori pentru monitorizarea implementării politicii forestiere în România.</i> Editura Universității din Transilvania. Brașov. 155p. (ebook)	978-606-19-1753-2
5.	Horodnic S.A.	Biostatistică, C.I.D.F.C. Universitatea „Ștefan cel Mare” Suceava, 113 p.	Fără ISBN
6.	Nichiforel L., Palaghianu C.	<i>Forest Landscape Restoration in the Republic of Moldova. Exploring the potential for forest reproductive material production.</i> United Nations Publications. 52 p.	978-92-1-003329-9
7.	Palaghianu C., Barbu C. O.	<i>Proiectarea lucrărilor de împădurire și reîmpădurire.</i> Editura Universității „Ștefan cel Mare” Suceava, 124 p.	978-973-666-826-5
8.	Măciucă A.	<i>Ecologie generală și conservarea ecosistemelor terestre.</i> Editura Universității „Ștefan cel Mare” Suceava, 488 p.	978-973-666-803-6
9.	Iulian-Constantin DĂNILĂ, Liviu NICHIFOREL, Cătălin Constantin ROIBU (editori)	<i>Integrated management of Environmental Resources: from strategic planning to technological transfer (Book of abstracts).</i> Editura Universității Ștefan cel Mare din Suceava.	978-973-666-797-8
10.	Barnoaiea Ionuț	<i>Analiza structurii și stării pădurilor prin teledetecție.</i> Editura Universității "Ștefan cel Mare", Suceava.	978-973-666-800-53

CONTRACTE DE CERCETARE ÎN DERULARE ÎN ANUL 2024, CU FINANȚARE NAȚIONALĂ

(doar directorii de proiect pentru USV):

Nr. crt.	Nr. contract/Tip	Denumire
1.	Contract nr. 30060/30.12.2022	Automatic monitoring and warning system for the prevention of bark beetle attacks in spruce forests (2023-2024)
2.	FaStClim TE114/2022	Exploring beech and oak forests adaptive capacity, and vulnerability to rapid climate change using advanced dendroecological techniques (2022-2024)
3.	CExForD , contract de finanțare nr. 760074/ 23.05.2023 PNRR – investiția 8	Compound extreme events from a long-term perspective and their impact on forest growth dynamics (01/07/2023 – 30/06/2026)
4.	Contract 4600031258/V32/1931/2023	Servicii de mapare și planificare a biotopurilor din culoarele de protecție ale LEA 110 kV aparținând Delgaz Grid S.A (2023-2024)
5.	Contract 4600034091/V32/1931/2024	Servicii de mapare și planificare a biotopurilor din culoarele de protecție ale LEA 110 kV aparținând SC Delgaz Grid S.A (2024-2025)
6.	CNFIS-FDI-2025-F-0642 – More Green USV	Creșterea funcționalității grădinii botanice și a infrastructurii de susținere a activităților didactice a USV (2024)

CONTRACTE DE CERCETARE ÎN DERULARE ÎN ANUL 2024, CU FINANȚARE INTERNAȚIONALĂ

(doar directorii de proiect pentru USV):

Nr. crt.	Nr. contract/Tip	Denumire
1.	Fem2forests , Interreg Danube Region Project	Innovative pathways for efficient involvement of girls and young women in the forestry sector (01.01.2024-30.06.2026)
2.	BEONNAT , H2020-228833-887917	Innovative value chains from tree & shrub species grown in marginal lands as a source of biomass for bio-based industries (2020-2024)
3.	Grant 101060309 – INFORMA (HORIZON-CL6-2021-CLIMATE-01)	Science-based INtegrated FOrest Mitigation mAnagement made operational for Europe (1.07.2022-30.06.2026)
4.	ECHO (HORIZON-MISS-2022-SOIL-01, Grant ID 101112869)	Engaging Citizens in soil science: the road to Healthier sOils (2023-2026)
5.	Grant 101081177 - Wildcard (Call HORIZON-CL5-2022-D1-02)	Effects of rewilding in forests and agricultural lands on carbon sequestration and diversity (1.01.2024-31.12.2027)

6.	Project Erasmus + nr. 101126766 - SA2CC - ERASMUS-EDU-2023-CBHE	Sustainable Agriculture, forestry and live-stock production towards Climate Change
----	---	--

TEZE DE DOCTORAT SUSȚINUTE ÎN ANUL 2024

Nr. crt.	Teza de doctorat
1.	RIMOLI J.L. Richard , Silvicultură, Laura BOURIAUD și Maria Margarida BRANCO DE BRITO TAVARES TOME (teză de doctorat în cotutelă), 16.12.2024, „Fundamentare a Indicelui Drepturilor de Proprietate în Silvicultură (PRIF) ca instrument potențial de analiză comparativă a guvernancei forestiere / Validating Property right index for forestry (PRIF) as a potential tool in comparative forest governance analysis”.
2.	ȘANDRU A. Marius-Dan , Silvicultură, Laura Bouriaud, 28.09.2024, „Cercetări monografice asupra unor specii cu valoare furajeră prezente în ecosistemele forestiere”.
3.	CUCIUREAN L. Cosmin Ilie , Silvicultură, Ionel POPA, 11.09.2024, „Poluarea ecosistemelor forestiere de rășinoase și foioase și consecințele asupra proceselor auxologice ale arborilor”.

DECAN,

Conf. univ. dr. ing. Ciprian PALAGHIANU