

## Lista rezultatelor cercetării desfășurate în anul 2025

### 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.	Popa R, <b>Rákosy L</b> , Crișan A, Pop F-M, Rákosy D (2025) <i>Successful translocation of the Transylvanian Bavus Blue - Pseudophilotes bavus hungarica (Diószeghy, 1913) (Lepidoptera, Lycaenidae) in Romania, for increased protection and conservation</i> . Nature Conservation 59: 157-177. <a href="https://doi.org/10.3897/natureconservation.59.145873">https://doi.org/10.3897/natureconservation.59.145873</a> , <b>Q2</b> .	1314-3301
2.	Ivana Živojinović, Jelena Nedeljković, Nenad Petrović, Dragan Nonić, Gerhard Weiss, <b>Liviu Nichiforel</b> , <i>The forest restitution process in Serbia: The role of the Serbian Orthodox Church in shaping an adapted forest governance framework</i> , Forest Policy and Economics, Volume 177, 2025, 103538, <a href="https://doi.org/10.1016/j.forpol.2025.103538">https://doi.org/10.1016/j.forpol.2025.103538</a> , <b>Q1</b> .	1389-9341
3.	M. Pecurul-Botines, A. Giurca, H. Pülzl, K. Niedzialkowski, M. Brockhaus, <b>L. Bouriaud</b> , V. Brukas, S. Hajtmarova, M.A. Hoogstra-Klein, A. Konczal, L. Marcinekova, K. Øistad, Š. Pezdevšek Malovrh, N. Pietarinen, L. Secco, J.-L. Roux, B. Wolfslehner, G. Winkel, <i>Conflicts and policy priorities drive differences in the EU Forest strategy implementation: Insights from 15 European countries</i> , Forest Policy and Economics, Volume 181, 2025, 103652, <a href="https://doi.org/10.1016/j.forpol.2025.103652">https://doi.org/10.1016/j.forpol.2025.103652</a> , <b>Q1</b> .	1389-9341
4.	Nagel, T.A., Rodríguez-Recio, M., Aakala, T. ..., <b>Roibu, CC</b> , ... et al. <i>Can triad forestry reconcile Europe's biodiversity and forestry strategies? A critical evaluation of forest zoning</i> . Ambio 54, 632–641 (2025). <a href="https://doi.org/10.1007/s13280-024-02116-2">https://doi.org/10.1007/s13280-024-02116-2</a> , <b>Q1</b> .	1654-7209
5.	Konczal, A.A.; De Koning, J.H.C.; Larsen, J.B.; Felton, A.; Lawrence, A.; Ammer, CH.; Angelstam, P.; De Arano, I.Martinez; Bjärstig, T.; Blondet, M.; Calviño-Cancela, M.; De Vreese, R.; Dolriis, C.; Jaroszewicz, B.; Johansson, J.; Lexer, M.J.; <b>Nichiforel, L.</b> ; Niedziakowski, K.; Paillet, Y.; Rozyłowicz, L.; Sotirov, M.; Stokes, V.; Thorsen, B. Jellesmark; Vandekerkhove, K.; Wallin, I.; Weiss, G.; Schulz, T.; Wohlgemuth, T.; Zlatanov, T.; Winkel, G., <i>Integrating nature and people in European forest management: what is the state of nature conservation and role of participation?</i> International Forestry Review, 27(3), 2025, 402-430, <a href="https://doi.org/10.1505/146554825840319564">https://doi.org/10.1505/146554825840319564</a> , <b>Q3</b> .	2053-7778
6.	Tomáš Hlásny, Michaela Perunová, Roman Modlinger, Max Blake, Gediminas Brazaitis, György Csóka, Maarten de Groot, <b>Mihai-Leonard Duduman</b> , Massimo Faccoli, Margarita Georgieva, Georgi Georgiev, Wojciech Grodzki, Henrik Hartmann, Anikó Hirka, Gernot Hoch, Hervé Jactel, Mats Jonsell, Marija Kolšek, Paal Krokene, Markus Melin, Slobodan Milanović, Bjørn Økland, Milan Pernek, Gilles San Martin, Martin Schroeder, Rupert Seidl, Jozef Vakula, Tiina Ylioja, <i>Perspectives: State of national forest damage survey programmes in Europe and ways toward improved harmonization</i>	0378-1127

	<i>and data sharing</i> , Forest Ecology and Management, Volume 597, <b>2025</b> , 123111, <a href="https://doi.org/10.1016/j.foreco.2025.123111">https://doi.org/10.1016/j.foreco.2025.123111</a> , <b>Q1</b> .	
7.	Iacoban, C.; Buculei, A.; <b>Cuciurean, C.I.</b> ; Leca, S., <i>Influence of the Covid-19 period on the atmospheric deposition in forest ecosystems from Romania</i> , Environmental Engineering And Management Journal, 24(2), <b>2025</b> , DOI10.30638/eemj.2025.034, <b>Q4</b> .	1843-3707
8.	<b>Ceornea, C.; Dragoi, M.</b> , <i>A New Metrics to Manage the Deadwood in Forest Stewardship Council Certified Forests</i> , Forestists, 75 (1), <b>2025</b> , 10.5152/forestist.2024.24040, <b>Q3</b> .	1309-6257
9.	Tomáš Hlásny, Roman Modlinger, Jostein Gohli, Rupert Seidl, Paal Krokene, Iris Bernardinelli, Simon Blaser, Gediminas Brazaitis, Gailenė Brazaitytė, Eckehard G. Brockerhoff, György Csóka, Laura Dobor, Maarten de Groot, <b>Mihai-Leonard Duduman</b> , Massimo Faccoli, Margarita Georgieva, Georgi Georgiev, Wojciech Grodzki, Henrik Hartmann, Anikó Hirka, Gernot Hoch, Tomasz Jabłoński, Hervé Jactel, Mats Jonsell, Marija Kolšek, Markus Melin, Slobodan Milanović, Constantin Nețoiu, Mats Nieberg, Bjørn Økland, Milan Pernek, Michaela Perunová, Nick Schafstall, Martin Schroeder, Gottfried Steyrer, Jozef Vakula, Thomas Wohlgemuth, Tiina Ylioja, Andrew M. Liebhold. <b>2025</b> . <i>Divergent Trends in Insect Disturbance Across Europe's Temperate and Boreal Forests</i> . Global Change Biology 31, no. 11: e70580. <a href="https://doi.org/10.1111/gcb.70580">https://doi.org/10.1111/gcb.70580</a> , <b>Q1</b> .	1365-2486
10.	<b>Teodorescu, C., Nichiforel, L., &amp; Bouriaud, L. (2025)</b> . <i>Sharing or sparing? An analysis of the forest owners' opportunity costs in cultural ecosystem services accounting for the Via Transilvanica outdoor recreational trail</i> . Notulae Botanicae Horti Agrobotanici Cluj-Napoca, 53(2), 14484. <a href="https://doi.org/10.15835/nbha53214484">https://doi.org/10.15835/nbha53214484</a> , <b>Q3</b> .	1842-4309
11.	Pavel Janda, Arne Buechling, Marek Svitok, Thomas A. Nagel, Martin Mikoláš, Radek Bače, Krešimir Begović, Martin Dušátko, Daniela Dúhová, Matěj Ferenčík, Michal Frankovič, Rhiannon Gloor, Ondrej Kameniar, Tomáš Kníř, Daniel Kozák, Jana Ágh Lábusová, Katarína Markuljaková, Jakob Pavlin, Ion Catalin Petritan, <b>Catalin-Constantin Roibu</b> , Audrey Rose Salerno, Karol Ujházy, Antonín Veber, Lucie Vítková, Miroslav Svoboda, <i>Large-scale and long-term spatiotemporal patterns of disturbances in primary beech-dominated forests in the Carpathian Mountains of Europe</i> , Forest Ecosystems, Volume 14, <b>2025</b> , 100358, <a href="https://doi.org/10.1016/j.fecs.2025.100358">https://doi.org/10.1016/j.fecs.2025.100358</a> , <b>Q1</b> .	2197-5620
12.	Gamba, R., Negri, S., Bono, A., ..., <b>Alan Crivellaro, Alma Piermattei</b> , ..., et al. <i>Prescribed burning has negligible effects on the plant-soil system in Pinus sylvestris L. forests of the European Alps</i> . Sci Rep 15, 12076 ( <b>2025</b> ). <a href="https://doi.org/10.1038/s41598-025-97239-1">https://doi.org/10.1038/s41598-025-97239-1</a> , <b>Q1</b> .	2045-2322
13.	Braga, C.I.; Petrea, S.; Zaharia, A.; Cucu, A.B.; Serban, T.; <b>Ienasoiu, G.</b> ; Radu, G.R. <i>Assessing the Greenhouse Gas Mitigation Potential of Harvested Wood Products in Romania and Their Contribution to Achieving Climate Neutrality</i> . Sustainability <b>2025</b> , 17, 640. <a href="https://doi.org/10.3390/su17020640">https://doi.org/10.3390/su17020640</a> , <b>Q2</b> .	2071-1050
14.	Andrei Popa, Jernej Jevšenak, Marcin Dyderski, Radosław Puchałka, Allan Buras, Ionel Popa, Martin Wilmking, Aleksandra Kalisty, <b>Catalin-Constantin Roibu</b> , Marcin Jakubowski, Eric Thurm, Martin Šenfheldr, Marko Smiljanić, Ernst van der Maaten, Jan Esper, Edurne Martinez del Castillo, Vaclav Tremel, Jan Tumajer, Tzvetan Zlatanov, Roberts Matisons, Gheorghe Florenta, Veronica Florenta, Maksym Netsvetov, <b>Vladislav Grati</b> , Andreas Burger, Karolina Janecka, Saša Kostić, Kamil Pilch, Diāna Jansone, Agnese	1365-2486

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15.	<b>Crivellaro, A.</b> ; Galli, P.; Negro, F.; Ruffinatto, F. <i>Addressing Sustainability Challenges in the Global Aquarium Wood Market</i> . <i>Forests</i> <b>2025</b> , 16, 835. <a href="https://doi.org/10.3390/f16050835">https://doi.org/10.3390/f16050835</a> , <b>Q2</b> .	1999-4907
16.	Roberto Serrano-Notivoli, Jernej Jevšenak, Edurne Martinez del Castillo, Katarina Čufar, Nina Škrk-Dolar, Giovanna Battipaglia, Jesus Julio Camarero, Andrew Hacket Pain, Alistair Jump, Renzo Motta, Paola Nola, Momchil Panayotov, Ion Catalin Petritan, Andrei Popa, Ionel Popa, <b>Catalin-Constantin Roibu</b> , Miroslav Svoboda, Christian Zang, Tzvetan Zlatanov, Angela Balzano, Franco Biondi, Vojtech Čada, Dimitar Petrov Dimitrov, Jožica Gričar, Pavel Janda, Srdjan Keren, François Lebourgeois, Guangqi Li, Luis Alberto Longares, Ivan Lukić, Maks Merela, Stjepan Mikac, Klemen Novak, Any Mary Petritan, Peter Prislán, Ana-Maria Roibu, Alvaro Rubio-Cuadrado, Miloš Rydval, Miguel Ángel Saz, Ernesto Tejedor, Willy Tegel, Roberto Tognetti, Elvin Toromani, Volodymyr Trotsiuk, Daniel Turcu, Martin de Luis, <i>A single-tree approach to determine climate-growth patterns of European beech and their seasonality in the species southern distribution area</i> , <i>Agricultural and Forest Meteorology</i> , 371, <b>2025</b> , 110644, <a href="https://doi.org/10.1016/j.agrformet.2025.110644">https://doi.org/10.1016/j.agrformet.2025.110644</a> , <b>Q1</b> .	0168-1923
17.	<b>Nagavciuc, V.</b> , Helle, G., <b>Rădoane, M.</b> , <b>Roibu, C.-C.</b> , <b>Cotos, M.-G.</b> , and <b>Ionita, M.</b> : <i>A long-term drought reconstruction based on oxygen isotope tree ring data for central and eastern parts of Europe (Romania)</i> , <i>Biogeosciences</i> , 22, 55–69, <a href="https://doi.org/10.5194/bg-22-55-2025">https://doi.org/10.5194/bg-22-55-2025</a> , <b>2025, Q1</b> .	1726-4170
18.	<b>Ionita, M.</b> ; Scholz, P.; <b>Nagavciuc, V.</b> Multi-Indicator Drought Variability in Europe (1766–2018). <i>Forests</i> <b>2025</b> , 16, 1739. <a href="https://doi.org/10.3390/f16111739">https://doi.org/10.3390/f16111739</a> , <b>Q2</b> .	1999-4907
19.	Vasian, I.; <b>Duduman, M.-L.</b> ; Gal, E.; Pîrnău, A.; Gorgan, M. <i>Green Synthesis, Formulation and Test Field of Lymantria monacha L. (Lepidoptera: Lymantriidae) Sex Pheromone in East European Region</i> . <i>Int. J. Mol. Sci.</i> <b>2025</b> , 26, 568. <a href="https://doi.org/10.3390/ijms26020568">https://doi.org/10.3390/ijms26020568</a> , <b>Q1</b> .	1661-6596
20.	<b>Ionita M</b> , Cai D and <b>Nagavciuc V (2025)</b> <i>Temperature extremes across elevation gradients: evidence from two German mountain observatories</i> . <i>Front. Earth Sci.</i> 13:1701260. doi: 10.3389/feart.2025.1701260, <b>Q3</b> .	2296-6463
21.	<b>Alma Piermattei</b> , Francesco Maimone, <b>Alan Crivellaro</b> , <i>Deciphering the meaning of "blue" in dendrochronology and wood anatomy</i> , <i>Dendrochronologia</i> , Volume 91, <b>2025</b> , 126330, <a href="https://doi.org/10.1016/j.dendro.2025.126330">https://doi.org/10.1016/j.dendro.2025.126330</a> , <b>Q2</b> .	1125-7865
22.	<b>Loredana Boboc</b> , Mihai Dima, <b>Petru Vaideanu</b> , <b>Monica Ionita</b> , <i>Trends and variability of heat waves in Europe and the association with large-scale circulation patterns</i> , <i>Weather and Climate Extremes</i> , Volume 49, <b>2025</b> , 100794, <a href="https://doi.org/10.1016/j.wace.2025.100794">https://doi.org/10.1016/j.wace.2025.100794</a> , <b>Q1</b> .	2212-0947

23.	Giulia Resente, <b>Alan Crivellaro</b> , <i>Environmental Impacts on Plant Cell Wall Lignification</i> , Journal of Bioresources and Bioproducts, Volume 10, Issue 1, <b>2025</b> , Pages 4-6, <a href="https://doi.org/10.1016/j.jobab.2024.11.001">https://doi.org/10.1016/j.jobab.2024.11.001</a> , <b>Q1</b> .	2369-9698
24.	Ciara Greaves, Ignacy Bonter, <b>Alan Crivellaro</b> , Clive Oppenheimer, Harriet Kempson, Aleksei Potapov, Sandra Metslaid, Maris Hordo, Regino Kask, Ahto Kangur, Simon Hawkins, Corentin Spriet, Andrew D. Friend, Jim Haseloff, <b>Alma Piermattei</b> , <i>Confocal fluorescence microscopy reveals subtle lignification variations in a Scots pine blue ring</i> , Dendrochronologia, Volume 90, <b>2025</b> , 126301, <a href="https://doi.org/10.1016/j.dendro.2025.126301">https://doi.org/10.1016/j.dendro.2025.126301</a> , <b>Q2</b> .	1125-7865
25.	Górska, M., <b>Piermattei, A.</b> , Ruffinatto, F. , <b>Crivellaro A.</b> . <i>Wood mechanical properties scale with distance to tree tip in the outermost growth ring of a Scots pine</i> . Trees 39, 31 (2025). <a href="https://doi.org/10.1007/s00468-025-02608-y">https://doi.org/10.1007/s00468-025-02608-y</a> , <b>Q2</b> .	0931-1890
26.	<b>Alan Crivellaro</b> , Flavio Ruffinatto, Paola Nola, Renzo Motta, Michele Freppaz, Marta Monterin, <b>Alma Piermattei</b> , <i>Notes on the Larix/Picea wood identification problem: Dendrochronological and wood anatomical insights from a subfossil stem disk</i> , Dendrochronologia, Volume 92, <b>2025</b> , 126342, , <a href="https://doi.org/10.1016/j.dendro.2025.126342">https://doi.org/10.1016/j.dendro.2025.126342</a> , <b>Q2</b> .	1125-7865
27.	F. Gülden Ekmen, Hamza Ekmen, <b>Alan Crivellaro</b> , Barbaros Yaman, <i>How humans engineered possibilities of landscape: baskets and basketry materials in İnönü Cave</i> , Archaeological and Anthropological Sciences ( <b>2025</b> ) 17:14 <a href="https://doi.org/10.1007/s12520-024-02139-6">https://doi.org/10.1007/s12520-024-02139-6</a> , <b>Q1</b> .	1866-9557
28.	Wang, Y., Liesche, J., <b>Crivellaro, A.</b> , Doležal, J., Altman, J., Chiatante, D., Dimitrova, A., Fan, Z., Fu, P., Forest, F., Gričar, J., Heuret, P., Isnard, S., Maurin, O., Montagnoli, A., Rathgeber, C.B.K., Tsedensodnom, E., Trueba, S. and Salmon, Y. ( <b>2025</b> ), <i>Physical constraints and environmental factors shape phloem anatomical traits in woody angiosperm species</i> . New Phytol, 248: 2316-2330. <a href="https://doi.org/10.1111/nph.70578">https://doi.org/10.1111/nph.70578</a> , <b>Q1</b> .	0028-646X
29.	<b>Alan Crivellaro</b> , Flavio Ruffinatto, Monika Zöller-Engelhardt, <b>Alma Piermattei</b> , Tina Beck, <i>Wood under the lens: Unveiling ancient Egyptian heritage</i> , Journal of Cultural Heritage, Volume 74, <b>2025</b> , 138-147, <a href="https://doi.org/10.1016/j.culher.2025.06.002">https://doi.org/10.1016/j.culher.2025.06.002</a> , <b>Q1</b> .	1296-2074
30.	Buchwal A, Matulewski P, Sjöberg Y, <b>Piermattei A</b> , <b>Crivellaro A</b> , Balzano A, Merela M, Krže L, Čufar K, Kirdeyanov AV, Bechuk T, Arosio T and Büntgen U ( <b>2025</b> ) <i>Blue rings in trees and shrubs as indicators of early and late summer cooling events at the northern treeline</i> . Front. Plant Sci. 15:1487099. doi: 10.3389/fpls.2024.1487099, <b>Q1</b> .	1664-462X
31.	<b>Alma Piermattei</b> , Francesca Secchi, Niccolò Tricerri, Roni Aloni, Rachele Gamba, <b>Alan Crivellaro</b> . <i>First record of blue ring in a dicotyledonous angiosperm wood</i> , Trees ( <b>2025</b> ) 39:15 <a href="https://doi.org/10.1007/s00468-024-02592-9">https://doi.org/10.1007/s00468-024-02592-9</a> , <b>Q2</b> .	0931-1890
32.	Lisa M.Y. Jourdain, Georg von Arx, <b>Alma Piermattei</b> , <b>Alan Crivellaro</b> , Richard L. Peters, Stefan Klesse, <i>Measuring more – The key to a robust signal in ring-porous earlywood vessel chronologies</i> , Dendrochronologia, Volume 92, <b>2025</b> , 126361, <a href="https://doi.org/10.1016/j.dendro.2025.126361">https://doi.org/10.1016/j.dendro.2025.126361</a> , <b>Q2</b> .	1125-7865
33.	Mărmureanu, L., <b>Antonescu, B.</b> , Ene, D. et al. <i>Changes in the thermal stress across Europe between 1940–2023</i> . Int J Biometeorol 69, 3569–3586 ( <b>2025</b> ). <a href="https://doi.org/10.1007/s00484-025-03043-x">https://doi.org/10.1007/s00484-025-03043-x</a> , <b>Q2</b> .	0020-7128

34.	<b>Crivellaro, A.</b> , Toriti, M., Tolio, B., Fohrer, F., Maimone, F., Ruffinatto, F., & Durand, A. (2025). <i>An anatomical approach to investigating Lyctus brunneus feeding behaviour in oak sapwood</i> . IAWA Journal, 46(3), 418-429. <a href="https://doi.org/10.1163/22941932-bja10190">https://doi.org/10.1163/22941932-bja10190</a> , <b>Q1</b> .	0928-1541
35.	Niccolo Tricerri, Martina Tomasella, S., ..., <b>Alan Crivellaro</b> , Rachele Gamba, <b>Alma Piermattei</b> ..., et al., <i>Fibers beyond structure: do they contribute to embolism reversal after drought relief in poplar?</i> New Phytologist (2025) 247: 612–624, DOI10.1111/nph.70179, <b>Q1</b> .	0028-646X
36.	<b>Petru Vaideanu</b> , Mihai Dima, Denis-Raducu Nichita, Christian Stepanek, Paul Gierz, Norel Rimbu, Monica Ionita, Gerrit Lohmann, <i>Interplay of anthropogenic and natural drivers of observed coupled sea surface temperature - Arctic sea ice variability</i> , Climate Dynamics (2025) 63:132 <a href="https://doi.org/10.1007/s00382-025-07623-w">https://doi.org/10.1007/s00382-025-07623-w</a> , <b>Q1</b> .	0930-7575
37.	Biella, R., Shyrokaya, A., <b>Ionita, M.</b> , Vignola, R., Sutanto, S. J., Todorovic, A., Teutschbein, C., Cid, D., Llasat, M. C., Alencar, P., Matanó, A., Ridolfi, E., Moccia, B., Pechlivanidis, I., van Loon, A., Wendt, D. E., Stenfors, E., Russo, F., Vidal, J.-P., Barker, L., de Brito, M. M., Lam, M., Bláhová, M., Trambauer, P., Hamed, R., McGrane, S. J., Ceola, S., Bakke, S. J., Krakovska, S., <b>Nagavciuc, V.</b> , Tootoonchi, F., Di Baldassarre, G., Hauswirth, S., Maskey, S., Zubkovych, S., Wens, M., and Tallaksen, L. M.: <i>The 2022 drought needs to be a turning point for European drought risk management</i> , Nat. Hazards Earth Syst. Sci., 25, 4475–4501, <a href="https://doi.org/10.5194/nhess-25-4475-2025">https://doi.org/10.5194/nhess-25-4475-2025</a> , <b>2025, Q1</b> .	1561-8633
38.	<b>Irimie F.</b> , <i>Spatial positioning with combined methods of topographic points necessary for accessibility of forests in mountain area</i> . Scientific Papers. Series E. Land Reclamation, Earth Observation & Surveying, Environmental Engineering. Vol. XIV: 914-924, <b>2025</b> , CD-ROM ISSN 2285-6072, Online ISSN 2393-5138, ISSN-L 2285-6064, <b>Q3</b> .	2285-6064
39.	<b>Măciuca A., Barnoaiea I.</b> , Buzila A., <i>Analysis of the forest edges located in Suceava County within Calimani National Park in order to preserve and improve biodiversity</i> . Present Environment And Sustainable Development, Volume 19, Issue no.2/ <b>2025, Q3</b> .	1843-5971
40.	<b>Ionită M., Nagavciuc V.</b> , <b>2025</b> : The year with too much summer in the eastern part of Europe. Weather 80: 286-302, i-iv, 303-320, <b>Q3</b> .	0043-1656
41.	Khozani, Z.S., Precht, E. & <b>Ionita, M.</b> Weekly streamflow forecasting of Rhine river based on machine learning approaches. Nat Hazards 121, 4135–4153 (2025). <a href="https://doi.org/10.1007/s11069-024-06962-x">https://doi.org/10.1007/s11069-024-06962-x</a> , <b>Q1</b> .	0921-030X
42.	Alahmad M., <b>Postolache R.G., Timofte I.A.</b> , Vorovencii I., <i>Assessment of Urban and Peri-Urban Green Infrastructure Patterns Using Morphological Spatial Pattern Analysis and Satellite Imagery: Case Studies of Brasov and Oradea, Romania</i> . IEEE Journal of selected topics in applied earth observations and remote sensing, Volume18: 25087-25109, <b>2025</b> . DOI10.1109/JSTARS.2025.3614809, <b>Q1</b> .	1939-1404
43.	<b>Ionita, M. , Antonescu B., Roibu C., and Nagavciuc V.</b> <b>2025</b> . "Drought's Grip on Romania: A Tale of Two Indices." International Journal of Climatology 45, no. 9: e8876. <a href="https://doi.org/10.1002/joc.8876">https://doi.org/10.1002/joc.8876</a> . <b>Q3</b> .	0899-8418
44.	Doshi, SC., Lohmann, G., <b>Ionita, M.</b> <i>Probabilistic assessment of climate indices across Europe: analysing risk exposure in population density and land use types</i> . Geomatics, natural hazards and risk, <b>2025</b> , VOL. 16, NO. 1, 2484397, DOI10.1080/19475705.2025.2484397, <b>Q1</b> .	1947-5705

45.	Costache, C.; <b>Rakosy, L.</b> ; Rakosy, D. <i>Long-Term Phenological Shifts in Butterfly Species from Transylvania, Romania—A Case Study</i> . <i>Insects</i> 2025, 16, 1071. <a href="https://doi.org/10.3390/insects16101071">https://doi.org/10.3390/insects16101071</a> , <b>Q1</b> .	2075-4450
46.	Caldarescu D.E., Brey T., Lohmann G., <b>Ionita M.</b> , <i>Unveiling extreme growth responses from a marine network of A. islandica shell growth records</i> . <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , Volume 661, <b>2025</b> , 112703, DOI10.1016/j.palaeo.2024.112703. <b>Q1</b> .	0031-0182
47.	Corduneanu, C., Surugiu, I., <b>Rákosy, L.</b> , Dinca, V. <i>First records of Pyralis cardinalis Kaila, Huemer, Mutanen, Tyllinen &amp; Wikström, 2020 in the Romanian fauna (Lepidoptera: Pyralidae)</i> . <i>SHILAP-REVISTA DE LEPIDOPTEROLOGIA</i> , <b>2025</b> , 53(209), 10.57065/shilap.1026. <b>Q4</b> .	0300-5267
48.	Rimbu, N.; <b>Ionita, M.</b> ; Spiegl, T.; Lohmann, G. <i>Reconstruction of a Two-Dimensional Blocking Index During the Last Four Hundred Years Using Gridded Temperature and Precipitation Data</i> . <i>Atmosphere</i> <b>2025</b> , 16, 477. <a href="https://doi.org/10.3390/atmos16040477">https://doi.org/10.3390/atmos16040477</a> , <b>Q3</b> .	2073-4433
49.	<b>Piermattei A</b> , García-González I, Gennaretti F, Górska M, Silva L and <b>Crivellaro A (2025)</b> Editorial: Exploring wood structure and tree-ring dynamics in ecological research. <i>Front. Plant Sci.</i> 16:1736889. doi: 10.3389/fpls.2025.1736889, <b>Q1</b> .	1664-462X
50.	Corduneanu, C., Corduneanu, G., <b>Rákosy, L.</b> et al. <i>First records of the bog fritillary Boloria eunomia (Esper, 1800) in the Romanian fauna (Lepidoptera, Nymphalidae): Peripheral populations in habitats of conservation concern</i> . <i>J Insect Conserv</i> 29, 26 ( <b>2025</b> ). <a href="https://doi.org/10.1007/s10841-025-00664-w">https://doi.org/10.1007/s10841-025-00664-w</a> , <b>Q2</b> .	1366-638X
51.	Bădărău, A. S., Pop, M., Püsök, I., Petrescu, D. C., Petrescu-Mag, R. M., Maloș, C., Réti, K.-O., Csákány, L., Rákosy, L., Wagener, T., Antal, N., Arghiuș, V., Spac, M., Nita, A., Wagener, F., <b>Bouriaud, L.</b> , & Hartel, T. ( <b>2025</b> ). Applying the Cultural Values Model to assess biocultural change in Eastern European wood-pastures. <i>People and Nature</i> , 7, 3126–3137. <a href="https://doi.org/10.1002/pan3.70169">https://doi.org/10.1002/pan3.70169</a> , <b>Q1</b> .	2575-8314

## ARTICOLE ÎN PUBLICAȚII BDI

(în reviste din fluxul principal de publicații):

Nr. crt.	Articol (referința completă)	ISSN
1.	<b>Duduman G., Nichiforel L., 2025.</b> <i>Forest management plans in Romania: developed for a period of 10 years or 20 years? (Amenajamentele silvice în România: elaborate pentru o perioadă de 10 ani sau de 20 de ani?)</i> <i>Bucov. For.</i> 25(1): 3-9.	1582-0769
2.	<b>Laura BOURIAUD, Cosmin COSOFRET, Ramona SCRIBAN, Richard RIMOLI, Cerasela TEODORESCU, Medeea HALICI. 2025.</b> <i>How to adapt forests to climate change: perceptions and attitudes of European forest owners and managers</i> . <i>Geoconcept Journal</i> , 6:83-83.	3045-1426
3.	<b>Rimoli, R., Halici, M., Teodorescu, C., Bontemps, J.-D. ., &amp; Bouriaud, L. (2025).</b> <i>Definiția juridică a pădurii în context european - între recunoașterea unei categorii de folosință existente și reglementarea destinației terenului</i> . <i>Bucovina Forestieră</i> , 25(1), 59-77. <a href="https://doi.org/10.4316/bf.2025.006">https://doi.org/10.4316/bf.2025.006</a>	1582-0769

4.	<b>Teodorescu, C., Bouriaud, L., &amp; Rimoli, R. (2025).</b> <i>Gestionarea pădurilor în turismul bazat pe natură: opinii și preferințe ale turiștilor utilizatori ai traseului Via Transilvanica</i> . Bucovina Forestieră, 25(1), 11-25. <a href="https://doi.org/10.4316/bf.2025.002">https://doi.org/10.4316/bf.2025.002</a>	1582-0769
5.	<b>Balabașciuc I., Bouriaud L., Nichiforel L. (2025).</b> <i>D41. Cross-country comparison of action frames in rewilding policies</i> . Horizon Europe Project No. 101081177, European Commission, 59 pp.	-
6.	<b>Laura Bouriaud,</b> Carmen Rodriguez Fernández-Blanco, Lyla O'Brien, Theresa Frei, <b>Liviu Nichiforel,</b> Arthur Le Bigot, Marie-Theres Dyckhoff, <b>Dorin Pălie,</b> <b>Ionut Balabașciuc, (2025).</b> <i>D43. Report on the assessment of the perception and acceptability of citizens and stakeholders on rewilding options</i> . Horizon Europe Project No. 101081177, European Commission, 140 pp.	-
7.	<b>Richard Rimoli,</b> Jean-Daniel Bontemps, <b>Laura Bouriaud,</b> Aditya Acharya, Alexandre Nollet, Bilal Snoussi, Lison Ambroise, Louis Cordonnier, <b>Liviu Nichiforel.</b> <i>The Property Rights Index in Forestry (PRIF): a new governance indicator with predictive capacity for forest status and dynamic across Europe</i> , 30 October 2025, PREPRINT (Version 1) available at Research Square [ <a href="https://doi.org/10.21203/rs.3.rs-7683489/v1">https://doi.org/10.21203/rs.3.rs-7683489/v1</a> ]	2693-5015
8.	Serrano-Notivoli, Roberto CSIC ORCID ; Jevšenak, Jernej; Martínez del Castillo, Edurne; Čufar, Katarina; Škrk-Dolar, Nina; Battipaglia, Giovanna; Camarero, Jesús Julio CSIC ORCID ; Pain, Andrew Hacket; Jump, Alistair; Motta, Renzo; Nola, Paola; Panayotov, Momchil; Petritan, Ion Catalin; Popa, Andrei; <b>Roibu, Catalin Constantin;</b> Svoboda, Miroslav; Zang, Christian; Zlatanov, Tzvetan; Balzano, Angela; Biondi, Franco; Čada, Vojtech; Dimitrov, Dimitar Petrov; Gričar, Jožica; Janda, Pavel; Keren, Srdjan; Lebourgeois, François; Li, Guangqi; Longares Aladrén, Luis Alberto; Lukić, Ivan; Merela, Maks; Mikac, Stjepan; Novak, Klemen; Petritan, Any Mary; Prislán, Peter; Amanpreet Kaur; Rubio-Cuadrado, Álvaro CSIC ORCID; Rydval, Miloš; Saz, Miguel Ángel; Tegel, Willy; Tognetti, Roberto; Tejedor, Ernesto CSIC ORCID; Toromani, Elvin; Trotsiuk, Volodymyr; Turcu, Daniel; Luis, Martín de (2025). <i>European Beech climate-growth analysis in the species southern distribution area</i> [Data set]. Zenodo. <a href="http://doi.org/10.5281/ZENODO.15139747">http://doi.org/10.5281/ZENODO.15139747</a>	-
9.	Logan Bleys, Nicholas Corkill, Yi-Feng Zhao, <b>Gheorghe Lucian Pascut,</b> Harrison LaBollita, Antia S. Botana, and Khandker F. Quader. <b>2025.</b> <i>Role of correlations in Ruddlesden-Popper bilayer nickelates under compressive strain</i> . <a href="https://doi.org/10.48550/arXiv.2509.00940">https://doi.org/10.48550/arXiv.2509.00940</a>	-
10.	Bleys, L. E., Widom, M., <b>Pascut, G. L.,</b> & Quader, K. F. (2025, March). <i>First-Principle Study of Phonons and "Goniopolarity" in Electron Transport in ReBe2 and MnBe2</i> . In SMT 2025.	-
11.	Corkill, Nicholas, Khandker Fazlul Quader, and <b>Gheorghe Lucian Pascut.</b> <i>"DFT+DFMT Study of Doped LaNiO 2."</i> APS Global Physics Summit 2025. 2025.	-
12.	Suheon Lee, DT Adroja, Qing Zhang, <b>Gheorghe Lucian Pascut,</b> Kristjan Haule, AD Hillier, M Telling, W Kockelmann, Sang-Wook Cheong, K-Y Choi. 2025. <i>Spin dynamics and magnetic excitations of quasi-1D spin chain CaZnMnO6</i> . arXiv preprint arXiv:2502.04919	-
13.	<b>Tomescu C.V.,</b> Irimia I. <b>2025.</b> <i>Stellario nemorum-Alnetum glutinosae Lohmeyer 1957 sub-association matteuccietosum struthiopteris (Turcu 1970) Oroian 1998 in the proximity of the Făgetul Dragomirna Reserve, Suceava county</i> . Bucov. For. 25(2): 121-132	1582-0769

14.	<b>Lupaștean D.,</b> Ciornei C., <b>2025.</b> <i>Tomostethus nigritus (Fabricius, 1804) (Hymenoptera, Tenthredinidae): morphology, biology, ecology and perspectives on ash defoliation management.</i> Bucov. For. 25(2): 185-193.	1582-0769
15.	<b>Mititelu C., Dănilă I.-C., Drăgoi M.</b> <b>2025.</b> <i>Simplifying bureaucracy in state forestry: analysis of documents and reports from forest districts.</i> Bucov. For. 25(2): 133-144.	1582-0769
16.	<b>Mititelu C., Dănilă I.-C., Drăgoi M.</b> <b>2025.</b> <i>Optimizing state forest administration by merging technical departments: a preliminary analysis.</i> Bucov. For. 25(1): 39-51	1582-0769
17.	<b>Coșofreț, C. (2025).</b> Impactul schimbărilor climatice asupra serviciilor ecosistemice culturale: Studiu de caz – Ocolul Silvic Pătrăuți, Suceava. Bucovina Forestieră, 25(2), 145-156. <a href="https://doi.org/10.4316/bf.2025.013">https://doi.org/10.4316/bf.2025.013</a>	1582-0769

### CĂRȚI SAU CONTRIBUȚII ÎN CĂRȚI PUBLICATE ÎN ANUL 2025:

Nr. crt.	Autor(i)	Titlul, editura	ISBN
1.	<b>Cotos Mihai-Gabriel</b>	<i>Caracterizarea structurală, dinamica perturbărilor și a lemnului mort în arborete de amestec de fag și rășinoase.</i> Editura Universității Ștefan cel Mare, 169 p.	978-973-666-860-9
2.	<b>Dănilă I.C., Nichiforel L., Palaghianu C., Duduman G.</b> (editori)	<i>Integrated Management of Environmental Resources: challenges, tools and solutions. (Book of abstracts).</i> Editura Universității Ștefan cel Mare din Suceava.	978-973-666-863-0
3.	Stanciu, M.D., Dinulică, F., <b>Roibu, C.C.</b> , Guiman, M.V., Cerbu, C., Savin, A.	<i>Quality Classes of Blanks for Violins and Some Relevant Physical Parameters of Wood.</i> In: Stanciu, M.D., Bucur, V. (eds) <i>Interdisciplinary Approach to the Violin.</i> Springer, Cham. <a href="https://doi.org/10.1007/978-3-031-81734-2_2">https://doi.org/10.1007/978-3-031-81734-2_2</a>	978-3-031-81733-5

### BREVETE DE INVENȚIE

Nr. crt.	Brevet (referința completă)	Nr. brevet
1.	-	-

### CONTRACTE DE CERCETARE ÎN DERULARE ÎN ANUL 2025, CU FINANȚARE NAȚIONALĂ

(doar directorii de proiect pentru USV):

Nr. crt.	Nr. contract/Tip	Denumire
1.	<b>CExForD</b> , 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)

2.	Contract nr. 4600037034/V32/1931/ 14.08.2025	Servicii de mapare și planificare a biotopurilor din culoarele de protecție ale LEA 110 kV aparținând SC Delgaz Grid S.A (2025-2027)
3.	CNFIS-FDI-2025-F-0642 – <b>More Green USV</b>	Creșterea funcționalității grădinii botanice și a infrastructurii de susținere a activităților didactice a USV (2025)

## CONTRACTE DE CERCETARE ÎN DERULARE ÎN ANUL 2025, CU FINANȚARE INTERNAȚIONALĂ

(doar directorii de proiect pentru USV):

Nr. crt.	Nr. contract/Tip	Denumire
1.	<b>Fem2forests</b> , 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.	Grant 101060309 – <b>INFORMA</b> (HORIZON-CL6-2021-CLIMATE-01)	Science-based INtegrated FOrest Mitigation mAnagement made operational for Europe (1.07.2022-30.06.2026)
3.	<b>ECHO</b> (HORIZON-MISS-2022-SOIL-01, Grant ID 101112869)	Engaging Citizens in soil science: the road to Healthier sOils (2023-2026)
4.	Grant 101081177 - <b>Wildcard</b> (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)
5.	Project Erasmus + nr. 101126766 - SA2CC - ERASMUS-EDU-2023-CBHE	Sustainable Agriculture, forestry and live-stock production towards Climate Change (6.12.2024-5.12.2026)
6.	World Bank Contract no. 7217135	Consultancy Services to Support Nature Restoration and Enhance Community Benefits in the Moldova (August 2025-August 2026)
7.	<b>BEONNAT</b> , H2020-228833- 887917	Innovative value chains from tree & shrub species grown in marginal lands as a source of biomass for bio-based industries (2020-2025)

## TEZE DE DOCTORAT SUSȚINUTE ÎN ANUL 2025

Nr. crt.	Teza de doctorat
1.	-

DECAN,

Conf. univ. dr. ing. Ciprian PALAGHIANU