europass			
Curriculum vitae Europass			
Personal Informations			
Name	**Dr. habil. Tiberiu (Tibor) R. Hartel**		
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E-mail	hartel.tibor@gmail.com		
Nationality	Romanian		
Birth day	1978-07-22		
Current position	Associate Professor, Faculty of Environmental Science and Engineering, Babes-Bolyai University		
Experience			
	2018 – Assoc. Prof. Babes-Bolyai University		
	2014-2018: Assoc. Prof. Sapientia University 2012-2013: Postdoctoral researcher Leuphana University, Lueneburg 2011-2012: Invited Lecturer University of Babes-Bolyai 2009, 2010: Guest Researcher at „Research Department Terrestrial Zoology, National Museum of Natural History", Netherlands with a Temminck fellowship.		
Projects	**A) Project director** **2026-2030: '**Romanian Centre of Excellence on Biodiversity, Ecosystem Services and Society' (RECOVER). Funded by the Executive Agency for Higher Education, Research, Development and Innovation Funding (UEFISCDI), project code PN-IV-P6-6.1-CoEx-2024-0124, financing contract no. 14CoEx/2026. Budget: €16,846,110 (85,900,000 RON). **2025-2027:** 'Developing a social-ecological niche theory to leverage human–large carnivore coexistence' (SESCARNIVORE). Funded by the Executive Agency for Higher Education, Research, Development and Innovation Funding (UEFISCDI), project code PN-IV-P1-PCE-2023-0225, financing contract no. 59PCE/08.01.2025. Budget: €239,940 (1,223,478.05 RON). *Results published in Ecology and Society*, *Conservation Letters.* **B) Institutional leader for the Romanian partner**		

	2022-2024: 'The wood-pastures of Romania: ecology, agricultural perspectives, and sustainable integration into cultural landscape management'. Funded by the German Federal Environmental Foundation (Deutsche Bundesstiftung Umwelt, DBU), contract no. 51/09/03/2022. Budget (UBB): €68,000; total project budget: €135,000. *Results published in Trends in Ecology and Evolution*, *Applied Vegetation Science*, *Ecosystems and People*, *Scientific Reports*, *Conservation Science and Practice, People and Nature, Journal of Biogeography*. **2016-2019:** 'Sustaining Agricultural Change Through Ecological Engineering and Optimal Use of Natural Resources' (STACCATO). Funded by BiodivERsA via CCCDI–UEFISCDI, project code ERA-FACCE-STACCATO-3. Budget: €53,766. *Results published in Conservation Biology*, *Land Use Policy*, *Rangeland Ecology and Management*. **2012-2013:** 'The ecological and cultural values of ancient wood-pastures in Transylvania, Romania'. Funded by the Alexander von Humboldt Stiftung, Germany (postdoctoral fellowship). *Results published in Agriculture, Ecosystems and Environment*, *Ecology and Society, Biological Conservation, Sustainability Science.* **C) Formal project tutor** **2020-2022:** 'COEXIST' - Co-creating change: experimenting with values for sustainability transformation). Project lead by Dr. Andra Horcea-Milcu, Marie Skłodowska-Curie Individual Fellowship, Horizon 2020. EUR: 141778. **D) Project member (selection)** **2023-2026:** 'BIOTraCes' - Biodiversity and Transformative Change for plural and nature positive societies. Project 101081923, funded through Horizon Europe of the EU. (Project Leader: Dr. Mălina Ruxandra Petrescu Mag) **2019-2020: '**URBFORDAN**'** - Management and Utilization of Urban Forests as Natural Heritage in Danube Cities". Project lead by Cluj Metropolitan Area and the City Hall Cluj-Napoca with Babes-Bolyai University as parthner. (project leader from Babes-Bolyai University: Dr. Cristian Malos) **2017-2019:** A social network approach for assessing sustainability of traditionally managed grasslands in a policy-driven management context. PN-III-P4-ID-PCE-2016-0483, UEFISCDI. (led by Prof Laurentiu Rozylowicz, University of Bucharest) **2014-2018**: 'AGFORWARD' - AGroFORestry that Will Advance Rural Development)" Funded by the EU`s FP7 "Research and Technological Development". (Led by Prof. Paul Burgess, University of Cranfield, UK) **2009-2010:** Implication of the local communities in the conservation of wood-pastures with ancient oaks in the Saxon villages of Transylvania. Project implementation: Mihai Eminescu Trust. Led by Cosmin Ioan Moga, Mihai Eminescu Trust, T. Hartel being Scientific Director.
Past young researchers mentored by me	Dr. Andra Ioana Holrea Milcu (2020-2022) through the project COEXIST, see above. (Note: Dr. Horcea-Milcu is PI at an ERC Starting Grant). Dr. Ágnes Balázsi (2015-2018): through the project STACCATO, see above. (Note: Dr. Balázsi ended up as lecturer at Sapientia Hungarian University of Transylvania because of this stage).

Policy influence	**2023-2024**: Law no. 331/2024 of the Forestry Code - Legea nr. 331/2024 privind Codul silvic. Member of the Biodiversity Committee (Stefan Cel Mare University, Suceava). **2021-2023**: Law 97/2023 for protecting Remarkable Trees of Romania. The history and content of the Law is described in a recent paper published in *Conservation Science and Practice* (Hartel et al., 2013, see references). **2019**: Inspired and was part of the organization team of a policy seminar related to the Biocultural Diversity of Europe, at the European Parliament (see here for details). **2015**: Inspired and was part of the organization team of a policy seminar related to wood-pastures and the CAP at the European Parliament, details and my presentation can be accessed here.
Citizen science, public involvement initiatives	**2015-present**: Remarkable Trees of Romania – Arborii Remarcabili din România. On-line and still the only reliable database for Romanian ancient, large old trees. https://www.arboriremarcabili.ro/ro/harta-si-arborii/arata-harta/ Inspired the Law 97/2023 (see above)
Awards and distinctions	• 2020, 2021 Top 2% most cited researchers in the field of Ecology according to „Stanford University & Elsevier" (2021) • 2021 Academia Europaea – *The Academy of Europe* (ordinary member) • 2022 Award from Babes-Bolyai University for merits as teacher • 2021 Award from Babes-Bolyai University for being the most productive researcher in the Faculty of Biology and Geology • 2020 Award from Babes-Bolyai University for being the most productive researcher in the Faculty of Biology and Geology. • 2019 Peregrinus Prize, Berlin-Brandenburgischen Akademie der Wissenschaften, Germany • 2010 Award of the Romanian Academy of Sciences (together with Kinga Öllerer, Cosmin Moga and Dan Cogălniceanu) • Although not a formal award, but a high level recognition is that Hartel was honoured to managed the Romanian wood-pasture of HRH Prince of Wales (2015 - 2018)
Member professional councils	Biology Council – UEFISCDI (2020-2022) Scientific Council of National Institute of Patrimony (2020-2022) BBU Scientific Council – vice director (2020-2023) Society for Conservtion Biology – Europe Section – Board of Directors (2010-2014. Elected two mandates)
Reviewer for scientific journals (selection)	(few examples) *Trends in Ecology and Evolution*, *Proceedings of the National Academy of Sciences*, *Sustainability Sciences, Ecosystems and People, People and Nature, Ecology and Society, Oecologia, Human Dimmensions of Wildlife, Oryx*
Bibliometric indicators (updated September 22)	*WoS:* 101 publications; 4,113 citations (3,798 excluding self-citations); 3,141 citing articles; h-index 35; average citations/item 40.72. *Scopus:* 122 docs; 5,047 citations (3,750 citing docs); h-index 37, number of co-authors: 316 *Google Scholar:* 7,928 citations (4,215 since 2020); h-index 47 (37 since 2020); i10-index 108 (75 since 2020).
Publications	**Recent publications (2016-present, selected)** 2026

1. **Hartel, T.**, Pascu, I.S., Maloș, C.V., Papp, C.R., Csákány, L., Wagener, F. (2026). Brown bear feeding and fencing dynamics in ancient wood-pastures: implications for coexistence in cultural landscapes. *Ecology and Society*, 31(4): 2.
2. Plieninger, T., Jay, M., **Hartel, T.** (2026). Future-proofing Natura 2000 through a biocultural approach. *Conservation Letters*, 19(2): e70038.

2025

3. **Hartel, T**., Maloș, C.V., Sevianu, E., Pascu, I. (2025). Persistence of an endangered amphibian in a fully anthropogenic forested pondscape. *Ecology and Evolution*, 15(7): e71608.
4. 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., Niță, A., Wagener, F., Bouriaud, L., **Hartel, T**. (2025). Applying the Cultural Values Model to assess biocultural change in Eastern European wood-pastures. *People and Nature*, 7(11): 3126–3137.
5. Lados, B.B., Molnár, C.É., Farkas, M., Benke, A., Bereczki, K., Nagy, L., Köbölkuti, Z.A., Stojnić, S., Kesić, L., Karaklić, V., Ivanković, M., Postolache, D., **Hartel, T.**, Zhelev, P., Mataruga, M., Tomov, V., Cseke, K. (2025). Large-Scale Genomic SNP Dataset for Central and Southeast European Turkey Oak (Quercus cerris L.) Populations Generated by ddRAD-Seq Method. *Journal of Biogeography*, 52(10): e70014.
6. Maloș, C., **Hartel, T.,** Bobiș, D., Pascu, I. (2025). Sustainability Assessment of Trail Running Events in Romania: Insights from Race Regulations and Location Data. *Mountain Research and Development*, 45(2)R19-R26.
7. Petrescu-Mag, M., **Hartel, T.,** Macicasan, V., Réti, K.O., Petrescu, C. (2025). A Stakeholder Analysis Based on Project Managers' Perceptions: Unlocking Transformative Potential in Natura 2000 Projects. *Environmental Science & Policy* 164: 104001
8. Petrescu-Mag, R.M., Rastegari, H., **Hartel, T.,** Réti, K.O., Petrescu, D.C. (2025). Biocultural tourist experience in Romania's High Nature Value rural landscape: Application of an extended Theory of Planned Behavior. *PLoS ONE*, 20(5): e0324444.
9. Réti, K.O., **Hartel, T.**, Ocrain, A., Petrescu, D.C., Călugăr, F., Ajtai, I., Petrescu-Mag, R.M. (2025). A Community-Based Nature Understanding Framework for Exploring Socio-Ecological Dynamics in Rural Romania. *Anthropocene*, 51: 100480.

2024

1. Kelemen, S., Józsa, M., **Hartel, T**., Csóka, G., Néda, Z. (2024). Tree size distribution as the stationary limit of an evolutionary master equation. *Scientific Reports*, 14(1): 1168.

2. Hartel, T. (2024). *Soluțiile Bazate pe Natură (SBN) și valorile naturii: explicarea conceptului și explorarea aplicabilității lui pe tronsonul Someș al Clujului*. In: Soluții Bazate pe Natură la Someș (Ed. A. Dohotaru), pp. 263–292.
3. Sevianu, E., Rădac, I.A., Maloș, C.V., **Hartel, T.**, Gavril, C.D., I., R. (2024). Road Mortality in the Hazel Dormouse, Muscardinus avellanarius (L., 1758) (Rodentia: Gliridae): First Evidence for this Species and Implications for Road Mortality Research. *Acta Zoologica Bulgarica*, 19: 79–85.

4. Niță, A., Réti, K., Mag-Petrescu, M., Petrescu, C., Maloș, C., Csákány, L., Gross, D., ... **Hartel, T**. (2024). Understanding Nature's Contributions to People in ancient biocultural systems through network and RLQ analysis. *Ecosystems and People*, 20: 2426711.
5. Petrescu-Mag, M., **Hartel, T.**, Réti-Kinga, O., Mocanu, C., Petrescu-Mag, V., ... (2024). Land degradation: addressing the vulnerability of local people through the lens of transformative change. *Heliyon*, 1–40.

2023

1. **Hartel, T.,** Arghiuș, V., Réti, K.O., Bouriaud, L. (2023). New Law for Old Trees in Romania: Lessons and Opportunities. *Conservation Science and Practice* 5(11): e13032

2. Mitincu, C., Grădinaru, S., Ioja, C., Hossu, A., **Hartel, T.**, van Lierop, M. (2023). The public consultation is open: Insights from Urban Green Infrastructure planning in Romania. *Urban Forestry & Urban Greening* 86: 127985
3. Lindborg, R., **Hartel, T.**, Helm, A., Prangel, E., Reitalu, T., Ripoll-Bosch, R. (2023). Ecosystem services provided by semi-natural and intensified grasslands – synergies, trade-offs and linkages to plant traits and functional richness. *Applied Vegetation Science* 26: e12729
4. Oprinoiu, A., Buzoianu, D., Stoican, F., Arghiuș, V., Bouriaud, L., **Hartel, T.** (2023). *Lege privind protecția arborilor remarcabili – Law for protecting remarkable trees*. Monitorul Oficial al României, 1: 6–8.
5. Morariu, D., Macicasan, V., Maloș, C., **Hartel, T.** (2023). Mapping biodiversity and cultural values complemented with understanding of social dynamics provides effective means for addressing nature conservation. *Frontiers in Environmental Science* 11: 11:1112896. doi: 10.3389/fenvs.2023.1112896
6. **Hartel, T**., Fischer, J., Shumi, G, Apollinaire, W. (2023) The Traditonal Ecological Knowledge conundrum. *Trends in Ecology and Evolution*, 38 (3): 211-214.

2022

1. Papp, C. R., Scheele, B., Rakosy, L., **Hartel, T.** (2022): Transdisciplinary deficit in large carnivore conservation funding in Europe. *Nature Conservation* 49:31-52. (IF=2.7).
2. Erős, N., Török, Z., Hossu, A., Réti, K.O., Malos, C., Kecskés, P., Morariu, D. Benedek, J., **Hartel, T.** (2022). Assessing the sustainability related concepts of Urban Development Plans in Eastern Europe: a case study of Romania. *Sustainable Cities and Societies*, 85: 104070 (IF=10.60).
3. Fischer, J., Abson, D., Dorresteijn, I., **Hartel, T.**, Schultner, J., Scherren, K. (2022). Using a leverage points perspective to compare social-ecological systems: a case study on rural landscapes. *Ecosystems and People* 18 (1): 119-130. (5.16)

2021

1. Sevianu, E, Malos, C.V., Arghius, V., Brisan, N., Badarau, AS., Moga, M.C., Muntean, L., Raulea, A., and **Hartel, T**. 2021. Mainstreaming Ecosystem Services and Biodiversity in Peri-Urban Forest Park Creation: Experience From Eastern Europe. *Front. Environ. Sci.* 9:618217.doi: 10.3389/fenvs.2021.618217

2. Balázsi, Á., Dänhardt, J., Collins, S., Schweiger, O., Settele, J., **Hartel, T.** 2020. Understanding cultural ecosystem services related to farmlands: Expert survey in Europe. *Land Use Policy* 100, 104900 (IF=5.39)
3. Loos, J., Gallesdorfer, J., **Hartel, T.,** Dolek M., Sutcliffe, L. 2021. Limited effectiveness of EU policies to conserve an endangered species of High Nature Value farmland in Romania. *Ecology and Society*
4. Schmidt, B., Bancila, R., Hartel, T., Schaub, M. 2021. Shifts in amphibian population dynamics in response to a change in the predator community. *Ecosphere*
5. Rolo, V., …**Hartel, T.,**…Moreno, G. 2021. Mixtures of forest and agroforestry alleviate trade-offs between ecosystem services in European Rural landscapes. *Ecosystem Services*

2020

1. **Hartel, T.,** Scheele, B., Royzlowicy, L., Horcea-Milcu, A., Cogalniceanu, D. 2020. The social context for conservation: Amphibians in human modified landscapes. *Journal for Nature Conservation* 53: 125762.
2. **Hartel, T.,** Nita, A., Rozylowicz, L. 2020. Understanding human-nature connections through value networks: the case of ancient wood-pastures from Central Romania. Sustainability Science, 15 1357–1367
3. Erős, N., Malos, C., Horváth, Cs., **Hartel, T.** (2020) Temporary pond loss as a result of pasture abandonment: exploring the social-ecological drivers and consequences on amphibians. Journal for Nature Conservation, in press
4. Petrescu, D.C., **Hartel, T.**, Petrescu-Mag, R.M. 2020. Global land grab: toward a country typology for future land negotiations. *Land Use Policy* 99, 104960
5. Rolo V., **Hartel T.,** Aviron S., et al., (2020) Challenges and innovations for improving the resilience of European agroforestry systems of high nature and cultural value: a stakeholder perspective. Sustainability Science, in press
6. Salvatori, V., Balian, E., Carlos-Blanco, J., Ciucci, P., Demeter, L., **Hartel, T**., Mardsen, K., Redpath, S.M., von Korff, Y., Young, J.C. 2010. Applying Participatory Processes to Address Conflicts Over the Conservation of Large Carnivores: Understanding Conditions for Successful Management. Frontiers in Ecology and Evolution, https://doi.org/10.3389/fevo.2020.00182

2019

7. **Hartel T.,** Scheele B.C., Vanak A.T., Rozylowicz L., Linnell J.D.C., Ritchie E.G. (2019) Mainstreaming large carnivore-human coexistence through institutional collaboration. *Conservation Biology* 33(6): 1256-1265. [IF = 6.19] (also featured here: https://theconversation.com/academia-can-help-humans-and-large-carnivores-coexist-115467) AIS=2
8. Balázsi, Á., Riechers, M., **Hartel, T.**, Leventon, J., and Fischer, J. (2019) The impacts of social-ecological system change on human-nature connectedness: A case study from Transylvania, Romania. *Land Use Policy* 89: 104232 [IF=3.57] AIS=0.8
9. Craioveanu, O., Craioveanu, C., Ghira, I., Miresan, V., **Hartel, T.** (2019) Does carnivory pay off? Experiments on the effects of different types of diet on growth and development of *Bufo bufo* (Linnaeus, 1758) tadpoles and carry over effects after metamorphosis. *Herpetozoa* 32: 21-31. [IF=1.12] AIS=0.2

10. Nita A., **Hartel T.,** Manolache S., Ciocanea C.M., Miu I.V., Rozylowicz L. (2019) Who is researching biodiversity hotspots in Eastern Europe? A case study on the grasslands in Romania. *PLoS ONE* 14(5): e0217638. [IF=2.77] AIS=1.1
11. Fagerholm, N., Torralba, M., Moreno, G., Girardello, M., Herzog, F., Aviron, S., Burgess, P., Crous-Duran, S., Ferreiro-Domínguez, R., Graves, A., **Hartel, T.,** Măcicăsan, V., Kay, S., Pantera, A., Varga, A., and Plieninger, T. (2019) Cross-site analysis of perceived ecosystem service benefits in multifunctional landscapes. *Global Environmental Change* 56:134-147. [IF=10.42] AIS=2.8
12. Plieninger, T., Torralba, M., **Hartel, T.,** Fagerholm, N. (2019) Perceived ecosystem services synergies, trade-offs, and bundles in European high nature value farming landscapes. *Landscape Ecology* 34: 1565-1581. [IF=4.34] AIS=1.2
13. Rozylowicz L., Nita A., Manolache S., Popescu V.D., **Hartel T**. (2019) Navigating protected areas networks for improving diffusion of conservation practices. *Journal of Environmental Management* 230: 413-421. [IF=4.17]

2018

1. **Hartel, T.,** Hanspach, J., Moga, C.I., Holban, L., Szapanyos, A., Tamas, R., Horvath, Cs., Reti, K.O. (2018): Abundance of large old trees in wood-pastures of Transylvania (Romania). *Science of the Total Environment* 613: 263-270. IF 2018 = 4.61
2. **Hartel, T**., Torralba, M., Balazsi, A., Fagerholm, N., Plieninger, T. 2018. Forum: Social-Ecological Archetypes for European Rangelands. *Rangeland Ecology and Management* 71: 536-544. (IF=2.70).
3. Torralba, M., Fagerholm, N., **Hartel, T.,** Moreno, G., Plieninger, T. (2018): A social-ecological analysis of ecosystem services supply and trade-offs in European wood-pastures. *Science Advances* 4, eaar2176. IF 2018 = 11.51
4. Moreno, G., Aviron, S., Berg, S., Crous-Duran, J., Franka, A., Darcia de Jalon, S., **Hartel, T.,** Mirk, J., Pantera, A., Palma, J.H.N., Paulo, J.A., Re, G.A., Sanna, F., Thenail, V., Varga, A., Viaud, V., Burgess, P. 2018. Agroforestry systems of high nature and cultural value in Europe: provision of commercial goods and other ecosystem services. *Agroforestry Systems* 92: 877-891. (IF=1.79)
5. Roellig, M., Costa, A., Garbarino, M., Hanspach, J., **Hartel., T.,** Jacobsson, S., Lindborg, R., Post Hoc Assessment of Stand Structure Across European Wood-Pastures: ImpliMazr, S., Plieninger, T., Sammul, M., Varga, A., Fischer, J. 2018. *Rangeland Ecology and Management* 71: 526-535 (IF=1.7)
6. Tölgysi, Cs., Bátori, Z., Gallé, R., Urák, I., **Hartel, T.** 2018. Shrub encroachment under trees diversifies the herb layer in Romanian sylvopastoral system. *Rangeland Ecology and Management* 71: 571-577.

2017

7. **Hartel, T.,** KO Reti, Craioveanu, C. (2017): Valuing scattered trees from wood-pastures by farmers in a traditional rural region of Eastern Europe. *Agriculture, Ecosystems and Environment*, 236: 304-311. IF 2018 = 3.54
8. Hanberry, B.B., Kabrik, J.M., Dunwidde, P.W., **Hartel, T.,** Jain, B.T., Knapp, B.O. 2017. Restoration of Temperate Savannas and Woodlands. In Routledge Handbook of Ecological and Environmental Restoration. Ed: Allison S.K., Murphy S.D. Pp: 1-16
9. Hossu, A., Ioja, C., Nita, M., **Hartel, T.,** Badiu, L.D., Hersperger, A. 2017. The need for cross-sectoral approach in protected area management. *Land Use Policy* 69: 586-597. (IF=3.57)

	10. Gallé R, Urák I, Nikolett G-S, **Hartel T** (2017) Sparse trees and shrubs confers a high biodiversity to pastures: Case study on spiders from Transylvania. *PLoS ONE* 12(9): e0183465. https://doi.org/10.1371/journal.pone.0183465 (IF=2.7) 11. Urák, I., **Hartel, T.,** Gallé, R., Balog, A. 2017. Worldwide peatland degradations and the related carbon dioxide emissions: the importance of policy regulations. *Environmental Science and Policy* 69: 57-64. 2016 12. **Hartel, T.**, Olga Réti, K., Craioveanu, C, Gallé, R., Popa, R., Ioniţă, A., Demeter, L., Rákosy, L., Czúcz, B., (2016) Rural social–ecological systems navigating institutional transitions: case study from Transylvania (Romania). *Ecosystem Health and Sustainability*, 2:2, DOI: 10.1002/ehs2.1206 13. Moga, C., Samoila, C., Öllerer, K., Bancila, R., Reti, K.O., Craioveanu, C., Poszet, Sz., Rakosy, L., **Hartel, T.** 2016. Environmental determinants of the old oaks in wood-pastures from a changing traditional social–ecological system of Romania. *Ambio* 45: 480-489. (IF=4.10) 14. Bancila, R., Ozgul, A., **Hartel, T**., Sos, T., Schmidt, B. 2016. Direct negative density dependence in a pond breeding frog population. *Ecography* 39: 449-455. (IF=5.94)