

Curriculum Vitae Europass

First name(s) Surname **Petru Tudor Stăncioiu**



WORK EXPERIENCE

Time period	2009 →
Job position	Lecturer, Associate professor
Tasks	Teaching activities: lectures, seminars, field trips for Forest Ecology (bachelor) and Forest Stand Dynamics (master) Research activities.
Name and address of employer	Transilvania University of Brasov, Faculty of Silviculture and Forest Engineering, Șirul Beethoven street, nr.1, 500123-Brașov, Romania
Type of activity / Domain	Higher education
Time period	2005 →
Job position	Independent consultant
Tasks	- Forest habitats specialist (mapping and inventory, evaluation of potential threats, propose management measures for habitats of community interest) - Consultant on FSC forest management certification (prepare procedures and studies for FSC forest management certification; training of personnel; field checks on conformity with FSC standard)
Name and address of employer	-
Type of activity / Domain	Silviculture and other services
Time period	2004 - 2005
Job position	Forester
Tasks	Coordination of tending operations, forest certification, protected areas
Name and address of employer	National Forest Administration, County branch Brasov, Str. Cloșca, nr. 31, 500040 - Brasov, Romania
Type of activity / Domain	Silviculture
Time period	1999 - 2003
Job position	Graduate researcher
Tasks	Participation in various research projects: - Initiation of Pruning Studies in Coast Redwood (<i>Sequoia sempervirens</i>); - Pruning to Reduce Blister Rust (<i>Cronartium ribicola</i>) incidence in Sugar Pine; - Developing Stocking Guidelines and Growth Response Relationships for Multiaged Silviculture in Coast Redwood (<i>Sequoia sempervirens</i>);
Name and address of employer	University of California, Berkeley Berkeley, California (SUA)
Type of activity / Domain	Graduate studies (Doctoral degree)
Time period	1998 - 1999
Job position	Forester (head of forest district)

Tasks	Coordination of all forestry works related to Forest District I Romos
Name and address of employer	National Forest Administration, County branch Deva, Forest office Orăștie, Str. Gheorghe Lazăr, 335700-Orăștie, jud. Hunedoara, România
Type of activity / Domain	Silviculture
Time period	1996 - 1998
Job position	Forestry engineer
Tasks	Office work and coordination of tending operations and regeneration cuttings
Name and address of employer	National Forest Administration, County branch Deva, Forest office Orăștie, Str. Gheorghe Lazăr, 335700-Orăștie, jud. Hunedoara, Romania
Type of activity / Domain	Silviculture

EDUCATION AND TRAINING

Time period	1991 - 1996
Diploma / qualification awarded	Bachelor diploma
Education or training organization's name, location and type	Transilvania University of Brasov, Faculty of Silviculture and Forest Engineering, Șirul Beethoven street, nr.1, 500123-Brașov, Romania (High Education Institution)
Time period	1996 - 1997
Diploma / qualification awarded	Master of science diploma
Education or training organization's name, location and type	Transilvania University of Brasov, Faculty of Silviculture and Forest Engineering, Șirul Beethoven street, nr.1, 500123-Brașov, Romania (High Education Institution)
Time period	1999 - 2003
Diploma / qualification awarded	PhD diploma in Environmental Science, Policy and Management
Education or training organization's name, location and type	University of California, Berkeley – College of Natural Resources, Department of Environmental Science, Policy and Management, Forest Science Division (High Education Institution) Berkeley, California (SUA)

PERSONAL SKILLS

Mother tongue **Romanian**

Other languages

Auto evaluation

English

UNDERSTANDING				SPEAKING				WRITING	
Listening		Reading		Spoken interaction		Spoken production			
C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user

Digital skills Microsoft Office (Word, Excel, Power Point); CorelDRAW; basic knowledge in GIS software (QGis, Global Mapper)

Driver license B

ADDITIONAL INFORMATION

Other relevant information

Trainings and seminars:

- Training on Forest Certification and Auditing / ProForest Oxford (Sibiu, June 2005)
- Silviculture Instructor's Tour, Society of American Foresters 2003 Meeting, October 2003, State
- University of New York, College of Environmental Science and Forestry, Syracuse NY, USA

Books & Chapters

Gabriel Lazăr, Petru Tudor Stăncioiu, Gheorghe Marian Tudoran, Neculae Șofletea, Ștefan Bogdan Candrea Bozga, Gheorghe Predoiu, Niculae Doniță, Victor Adrian Indreica, Georget Mazăre 2007. **Habitat forestiere de interes comunitar** incluse în proiectul LIFE05NAT/RO/000176: "Habitat prioritare alpine, subalpine și forestiere din România" - **Amenințări Potențiale**. ISBN 978-973-598-096-2. Editura Universității Transilvania din Brașov, 200 p.

Petru Tudor Stăncioiu, Gabriel Lazăr, Gheorghe Marian Tudoran, Ștefan Bogdan Candrea Bozga, Gheorghe Predoiu, Neculae Șofletea 2008. **Habitat forestiere de interes comunitar** incluse în proiectul LIFE05NAT/RO/000176: "Habitat prioritare alpine, subalpine și forestiere din România" – **Măsuri de gospodărire**. ISBN 978-973-598-267-6. Editura Universității Transilvania din Brașov, 184 p.

Petru Tudor Stăncioiu. 2008. Silvicultura și două noi concepte referitoare la conservarea biodiversității: „Păduri cu Valoare Ridicată de Conservare” și „Rețeaua Ecologică Natura 2000”. ISBN 978-973-0-05712-6; 90 p

Ștefan Bogdan Candrea Bozga, Gabriel Lazăr, Gheorghe Marian Tudoran, **Petru Tudor Stăncioiu** 2009. **Habitat forestiere de interes comunitar** incluse în proiectul LIFE05NAT/RO/000176: "Habitat prioritare alpine, subalpine și forestiere din România" – **Monitorizarea stării de conservare**. ISBN 978-973-598-503-5. Editura Universității Transilvania din Brașov, 74 p.

Petru Tudor Stăncioiu 2022. „Biodiversity Conservation in Forest Management”. In Giurcă A. and Dima, D.P. (Editors) *The Plan B for Romania's Forests and Society* (pp. 49-64). Transilvania University Press. Brasov, Romania.

Articles

1. Petru Tudor Stăncioiu and Kevin L. O'Hara 2005. Sapwood area – leaf area relationships for coast redwood. Canadian Journal of Forest Research, 35:1250-1255. ISSN: 0045-5067 (relative influence score 1,73146).
2. Petru Tudor Stăncioiu and Kevin L. O'Hara 2005. Regeneration growth in different light environments of mixed species, multiaged, mountainous forests of Romania. European Journal of Forest Research, 125: 151–162. ISSN: 1612-4669 (relative influence score 1,42711)
3. Petru Tudor Stăncioiu, Kevin L. O'Hara 2006. Morphological plasticity of regeneration subject to different levels of canopy cover in mixed-species, multiaged forests of the Romanian Carpathians. Trees: Structure and Function, 20: 196–209. ISSN: 0931-1890 (relative influence score 1,37665)
4. Petru Tudor Stăncioiu and Kevin L. O'Hara 2006. Leaf area and growth efficiency of regeneration in mixed species, multiaged forests of the Romanian Carpathians. Forest Ecology and Management, 222: 55–66. ISSN: 0378-1127 (relative influence score 1,79795)
5. Kevin L. O'Hara , Petru Tudor Stăncioiu and Mark A. Spencer 2007. Understory stump sprout development under variable canopy density and leaf area in coast redwood. Forest Ecology and Management, 244 : 76–85. ISSN: 0378-1127 (relative influence score 1,79795)
6. Petru Tudor Stăncioiu, Ioan Vasile Abrudan and Ioan Dutcă 2010. The Natura 2000 ecological network and forests in Romania - some implications on management and administration. International Forestry Review, 222: 55–66. ISSN: 1465-5489 (relative influence score 0,72890)
7. Ioan Dutcă, Ioan Vasile Abrudan , Petru Tudor Stăncioiu, Viorel Blujdea. 2010. Biomass conversion and expansion factors for young Norway spruce (*Picea abies* (L.) karst.) trees planted on non-forest lands in Eastern Carpathians. Not. Bot. Hort. Agrobot. Cluj 38 (3), 286-292 ISSN: 0255-965X
8. Petru Tudor Stăncioiu, Mihai Daniel Niță, Gabriel Ervin Lazăr 2018. Forestland connectivity in Romania—Implications for policy and management. Land Use Policy, 76: 487-499
9. O'Hara, K.L., A. Bončina, J. Diaci, I. Anić, M. Boydak , M. Curovic, Z. Govedar, N. Grigoriadis, S. Ivojevic, S. Keren, H. Kola, G. Kostov, M. Medarević, M. Metaj, N.V. Nicolescu, G. Raifailov, P.T. Stancioiu and N. Velkovski. 2018. Culture and Silviculture: Origins and Evolution of Silviculture in Southeast Europe. International Forestry Review. 20(1): 130-143

10. Dutcă, I., Stăncioiu, P.T., Abrudan, I.V., Ioraș, F. 2018. Using clustered data to develop biomass allometric models: The consequences of ignoring the clustered data structure. PLoS one, 13 (8). e0200123. ISSN 1932-6203
11. Berberich G. M., Klimetzek D., Paraschiv M., Stăncioiu P. T., Grumpe A. 2019. Biogeostatistics confirm: Even a low total number of red wood ant nests provide new information on tectonics in the East Carpathian Orogen (Romania). Ecological Indicators 101: 486–500
12. Stăncioiu, P.T., Dutcă, I., Bălăcescu M.C., Ungurean Șt.V.. 2019. Coexistence with Bears in Romania: A Local Community Perspective. Sustainability, 11(24), 7167;
13. Klimetzek, D., Stăncioiu, P. T., Paraschiv, M., Niță, M. D. 2021. "Ecological Monitoring with Spy Satellite Images—The Case of Red Wood Ants in Romania" Remote Sens. 13, no. 3: 520.
14. **P.T. Stăncioiu**, MD Niță, M Fedorca. 2021 Capercaillie (Tetrao urogallus) habitat in Romania—A landscape perspective revealed by Cold War spy satellite images. Science of The Total Environment 781, 146763

Annexes Relevant conferences and presentations

- 2024, Sept. 26th - Multifunctional EU forests and their role in supporting EU strategic objectives, European Economic and Social Committee, Bruxelles. Presentation: What do we want and need from EU forests
- 2024, Oct. 10-11th - "Defining Old-Growth Forests within the European Union Biodiversity Strategy 2030", Co-organized by Latvian State Forest Research Institute Silava (Latvia) and HORIZON project FORWARDS. Mežmāja, Letonia. Role: member in the panel on "Defining Old-Growth Forests within the European Union Biodiversity Strategy 2030."
- 2022, Dec. 8th - "Old-growth forests in the context of climate policy: information for decision-makers", Co-organized by Latvian State Forest Research Institute Silava (Latvia) and HORIZON project FORWARDS (presentation title: The future of European forests: What is sustainable management nowadays? – covering topics of close to nature forestry, forest dynamics, old-growth forests, and their protection)
- 2022, Mar. 10th – "TAIEX-EIR Workshop on best practices on sustainable forest management". Bucharest – Romania. Organized by Directorate-General Neighborhood and Enlargement Negotiations in co-operation with Ministry of Environment, Water and Forests of Romania (presentation title: Habitat conservation and forest management planning in Romania; covering topics of close to nature forestry, forest dynamics, forest management planning and biodiversity conservation)
- 2022, Mar. 10th – "How "Close-to-Nature" Is the Management of European Forests?" Organized by CEPF and EUSTAFOR in Brussels, Belgium. (presentation title: Active or passive conservation – which path to follow for high biodiversity at large scales? – covering topics of forest dynamics, and active conservation vs. passive conservation)
- 2021, Oct. 21st – "Balancing forestry and biodiversity conservation – perspectives from science and practice". Organized under The European Integrate Forests (7th meeting, WSL, Switzerland). (presentation title: Integrated forest management in Romania; covering among others, topics of forest dynamics and old-growth forests)
- 2021, Jun. 30th – "EU Green Deal ambitions: What do we want and need from EU forests?" Organized by the 'Sustainable Forest Management Working Group' of the European Parliament Intergroup on 'Climate Change, Biodiversity and Sustainable Development' (presentation title: What do we want and need from EU forests? – covering topics of close to nature forestry, forest dynamics, old-growth forests, and their protection)
- 2020, Nov. 27th – "Biodiversity Conservation and Forests in Romania", Ministry of Environment, Waters and Forests, Bucharest, Romania. An event organized with EC representatives during the public consultation process for the elaboration of a new National Forest Strategy. (presentation title: Natura 2000 in Romania. Forest management - threat or advantage?)
- 2013. 26-27 Feb. - Integrating Human Dimensions into Fish and Wildlife Management – the European perspective. International conference, Umeå – Sweden. Poster: Living with large carnivores in Romania.

- 2004 Sept. 12-16. Regenerating mountain forests – International conference, Kloster Seeon, Germany, presentation title: Dynamics of multiaged stands: Implications for regeneration in complex stand structures (co-author)
- 2003, Jun. 8-17 Uneven-aged forest management: alternative forms, practices and constraints. Espoo – Finland (presentation title: Regeneration growth in different light environments in mixed species, multiaged mountainous forests of Romania)
- 2001 Sept. Uneven-aged silviculture: Tradition and Practices in Central Europe - Symposium, Zurich, Switzerland.

Relevant projects

- LIFE 05/NAT/RO/000176 "Alpine, sub-alpine and forest priority habitats in Romania" (2005-2009)
- LIFE07 NAT/IT/000502: „Transfer of bestpractces on large carnivore conservation]n South-East Europe” (2010-2013)
- COREHABS – Ecological Corridors for habitats and species in Romania – EEA Grants (2015-2016)
- DRONSAT – Quantification of long-term forest dynamics using remote sensing data and UAV aerial images (2017-2018; funded by Transilvania Univ. of Braşov)
- Development of the National Forest Strategy 2020-2030 - funded by the Ministry of Environment, Waters and Forests – Romania. Expert in Working Groups on Owner rights in Decision making and Working Group on Segregation vs integration of biodiversity conservation with forest management (2022)
- Evaluating the contribution of the diverse forest development stages from a mosaic landscape to biodiversity conservation, Funded by WWF Romania (2022-2023)
- HORIZON EUROPE – “Co-designing Holistic Forest-based Policy Pathways for Climate Change Mitigation (ForestPaths)” (2022-2027)
- BIODIVERSA G4B - Grasslands for biodiversity: supporting the protection of the biodiversity-rich grasslands and related management practices in the Alps and Carpathians (2024-2026)
- HORIZON EUROPE Small4Good: Sustainable multifunctional management by small forest owners in support of bioeconomy, biodiversity and climate (2024-2027)
- HORIZON EUROPE SafeNet: Safeguarding biodiversity and carbon-rich forest networks in Europe (2025-2029)

Petru Tudor STANCIOIU

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