



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s) **Ion TALMACI**
Address(es) 3, Stefan cel Mare bd, ap. 120, mun. Chisinau, Republic of Moldova
Telephone(s) Fix: +373 22 995 079 (home) Mobile: +373 691 87 693
Fax(es) +373 22 928 957 (work)
E-mail iontalmaci001@gmail.com
Nationality Rep. of Moldova
Date of birth 10.01.1966
Gender Male

Desired employment / Occupational field

- Expert in climate resilient and sustainable management of the forestry;
- Expert in GHG Inventory and Climate Change Mitigation and Domestic MRV Activities – Land Use, Land-Use Change and Forestry (LULUCF) sector;

Work experience

Dates	Since 2024:
Occupation or position held	Interim Director, Forest Research and Management Institute (FRMI)
Main activities and responsibilities	Organization and control the implementation of FRMI activities. Coordinating works of forest and hunting funds, as well as other activities included in the FRMI action plans.
Dates	2011 – 2024:
Occupation or position held	Technical Director, FRMI
Main activities and responsibilities	Organization and control the implementation of FRMI technical and planning activities. Coordinating works of forest and hunting funds management planning, mapping and cadastre, as well as other activities included in the FRMI action plan.
Dates	2010-2011:
Occupation or position held	Scientific Director, FRMI
Main activities and responsibilities	Organization, execution and control of technical and scientific activities of the FRMI. Coordinating activities of subdivisions subordinated to the FRMI. Formulation and argumentation of objectives and issues of researches, setting importance and necessity of execution, ways and methods of its development in practice etc.
Dates	2008-2010:
Occupation or position held	Head, Section for Programs, Prognosis and Strategies, FRMI
Main activities and responsibilities	Development of projections, forestry strategies and programs on the state and development of national forestry sector; study and gain the advanced experience of other countries in the field of forestry.
Dates	2004-2007:
Occupation or position held	Assistant in monitoring, evaluation and procurement (Project Implementation Unit for Moldova Soil Conservation Project and Japanese Grant for Community Forest Development), FRMI
Main activities and responsibilities	Coordination of monitoring activities under the project (independent verification of annual inventories of forest plantings, soil carbon and biomass, biodiversity and socio-economic indicators etc.); development of annual ERs reports, preparation for the project verification by the third parties/persons etc.
Name and address of employer	Forestry Research and Management Institute, 69, Calea Iesilor str., Chisinau, Rep. of Moldova

Dates	1999-2004:																																																		
Occupation or position held	Head of Forest Fund Section, State Forest Agency Moldsilva																																																		
Main activities and responsibilities	Responsible for the observance of relevant forestry management on the lands of the forest fund, keeping records and forest cadastre in the managed forest fund; organization of forest management planning; control over the compliance with regulations relating to the fund state protected natural areas, ensuring the rational development of forest products etc.																																																		
Dates	1994-1999:																																																		
Occupation or position held	Coordinating specialist, Forest Fund Section, State Forest Agency Moldsilva																																																		
Main activities and responsibilities	Responsible for the control over the application of forestry treatments; organization of forest management planning, reassessment of technical standards and instructions related to forestry use.																																																		
Name and address of employer	State Forest Agency Moldsilva, 124, Stefan cel Mare bd., Chisinau, Rep. of Moldova																																																		
Dates	1992-1994:																																																		
Occupation or position held	Coordinating specialist, senior specialist, State Ecological Inspection																																																		
Main activities and responsibilities	Responsible for the control over the application of forestry treatments; organization of forest management planning, reassessment of technical standards and instructions related to forestry use																																																		
Name and address of employer	State Ecological Inspection, 9, Cosmonautilor str., Chisinau, Rep. of Moldova																																																		
Dates	1990-1992:																																																		
Occupation or position held	Specialist, Institute of Botany, Academy of Sciences of Moldova																																																		
Main activities and responsibilities	Participation in the development of recommendations on optimizing of landscapes by improving forestry, new technologies for growing of planting material for afforestation activities and landscape gardening etc.																																																		
Name and address of employer	Institute of Botany, Academy of Sciences of Moldova, 18, Padurii str., Chisinau, Rep. of Moldova																																																		
Education and training																																																			
Dates	2018-2023																																																		
Title of qualification awarded	PhD student																																																		
Principal subjects/occupational skills covered	Contribution of forests to the greenhouse gas balance in the Republic of Moldova																																																		
Name and type of organisation providing education and training	State University "Dimitrie Cantemir" of Moldova/ State University of Moldova																																																		
Dates	1997-1998																																																		
Title of qualification awarded	Competitor student (PhD)																																																		
Principal subjects/occupational skills covered	Researches on improvement of the oak stands from the North Moldova																																																		
Name and type of organisation providing education and training	Botanical Garden of the Academy of Sciences of Moldova																																																		
Dates	1983-1990																																																		
Title of qualification awarded	Diploma in Forest Engineering																																																		
Principal subjects/occupational skills covered	Forestry																																																		
Name and type of organisation providing education and training	Lviv (Ukraine), Technical State University, Faculty of Forestry																																																		
Mother tongue(s)	Romanian																																																		
Other language(s)	Russian, English, French																																																		
Self-assessment	<table><tr><th colspan="4">Understanding</th><th colspan="4">Speaking</th><th colspan="2">Writing</th></tr><tr><th colspan="2">Listening</th><th colspan="2">Reading</th><th colspan="2">Spoken interaction</th><th colspan="2">Spoken production</th><th colspan="2"></th></tr><tr><td>Russian</td><td>C2 Proficient user</td><td>C2</td><td>Proficient user</td><td>C2</td><td>Proficient user</td><td>C2</td><td>Proficient user</td><td>C2</td><td>Proficient user</td></tr><tr><td>English</td><td>B2 Independent user</td><td>B2</td><td>Independent user</td><td>A2</td><td>Basic user</td><td>A2</td><td>Basic user</td><td>A2</td><td>Basic user</td></tr><tr><td>French</td><td>B2 Independent user</td><td>B2</td><td>Independent user</td><td>B1</td><td>Independent user</td><td>B1</td><td>Independent user</td><td>B1</td><td>Independent user</td></tr></table>	Understanding				Speaking				Writing		Listening		Reading		Spoken interaction		Spoken production				Russian	C2 Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	English	B2 Independent user	B2	Independent user	A2	Basic user	A2	Basic user	A2	Basic user	French	B2 Independent user	B2	Independent user	B1	Independent user	B1	Independent user	B1	Independent user
Understanding				Speaking				Writing																																											
Listening		Reading		Spoken interaction		Spoken production																																													
Russian	C2 Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user																																										
English	B2 Independent user	B2	Independent user	A2	Basic user	A2	Basic user	A2	Basic user																																										
French	B2 Independent user	B2	Independent user	B1	Independent user	B1	Independent user	B1	Independent user																																										
European level (*)																																																			
(*) Common European Framework of Reference for Languages.																																																			
Social skills and competences	Good communication skills gained through the work.																																																		

	Team spirit gained as scientific researcher in the research institute and the supervisor for research activities.
Organisational skills and competences	Good experience in the team management acquired as a director of research institute and research team leader. Involvement in international research projects and grants.
Technical skills and competences	The management of the methods of forestry investigations. Skills of handling field forestry equipment and supplies for experiments and elaboration different methods in forest science.
Computer skills and competences	Microsoft Office tools; Opera, Google Chrome; E-mail; MapSource; MapInfo; QGIS; TARAM; CO2 Fix etc.

Additional information

Technology transfer/ Experience in implementation of international projects

2024-2025:

UNDP Project: "Advancing Moldova's National Climate Change Adaptation Planning (phase 2)" (National Consultant to formulate a project proposal aligned with Canada's Sovereign Loan: Develop a project document based on Canadian Guidance, including all relevant annexes such as Budget, Procurement Plan, Risk Analysis, etc.; Develop monitoring and evaluation indicators for proposed measures, outputs, and outcomes; Provide any additional support to UNDP to define the final project proposal, etc.).

2024:

UNDP Project: "Multidimensional response to emerging human security challenges"/ Human Security Project (National legal consultant to conduct legal interventions to facilitate the raw material supply and development of the solid biofuel market in Moldova) – responsibilities for conduct an assessment of the existing legislative framework in the area of solid biofuels, drafting a legal act to improve the conditions for biomass production and market operation, including the related package necessary for the consideration and approval of the Government, etc.

2023-2024:

UNEP/GEF Project: "Republic of Moldova: Preparation of First Biennial Transparency Report (BTR1) to the United National Framework Convention on Climate Change (UNFCCC)" – responsibilities for developing the LULUCF Sector GHG inventories (Task Leader from LULUCF Sector and National Consultant from Categories: 4A Forest Land and 4G Harvested Wood Products) and Climate Change Mitigation and Domestic MRV Activities for the position (Task Leader from LULUCF Sector and National Consultant from Categories: 4A Forest Land and 4G Harvested Wood Products).

2022-2023:

The World Bank Project: EU4Environment Programme, Result 4: Ecosystem services and livelihoods (National consultant for the southern part of the Republic of Moldova) – responsibilities for identifying the potential of available land for afforestation/rehabilitation; participation in the development of the document concept of the National Forest Extension and Rehabilitation Program for the period of 2023-2032 in the Republic of Moldova, etc.

2021-2022:

UNDP Project: "Advancing Moldova's National Climate Change Adaptation Planning Project" (National consultant in forestry) – responsibilities for developing the Technology Needs Assessment (TNA, phase I, II, III), Institutional and Capacity Assessment, new state of the art Climate Change Adaptation strategic framework for the forestry sector (NAP-2) from forestry sector.

2021-2022:

UNEP / GEF project: "Republic of Moldova: Empowerment activities for the elaboration of the Fifth National Communication (NC5) under the United Nations Framework Convention on Climate Change (UNFCCC)" – responsibilities for developing the LULUCF Sector GHG inventories (Task Leader from LULUCF Sector and National Consultant from Categories: 4A Forest Land and 4G Harvested Wood Products) and Climate Change Mitigation and Domestic MRV Activities for the position (National Consultant from Categories: 4A Forest Land and 4G Harvested Wood Products).

2020-2021:

UNDP Project: "Conservation and Sustainable Management of Wetlands with focus on high-

nature value areas in the Prut River Basin" (National consultant in Forest and Pasture Management) – responsibilities for prepare a series of relevant assessments and provide technical input into the project document preparation where it concerns sustainable pasture and forest management, proposed afforestation interventions in project etc.

2020-2021:

UNEP Project: "Republic of Moldova: Preparation of Third Biennial Update Report to the United Nations Framework Convention on Climate Change (UNFCCC)" – responsibilities for developing the LULUCF Sector GHG inventories (Task Leader from LULUCF Sector and National Consultant from Categories: 4A Forest Land and 4G Harvested Wood Products) and Climate Change Mitigation and Domestic MRV Activities for the position (Task Leader from LULUCF Sector and National Consultant from Categories: 4A Forest Land and 4G Harvested Wood Products).

2017-2018:

UNEP Project: "Republic of Moldova: Preparation of the Second Biennial Update Report under the United Nations Framework Convention on Climate Change (UNFCCC)" – responsibilities for developing the LULUCF Sector GHG inventories (Task Leader from LULUCF Sector and National Consultant from Categories: 4A Forest Land, 4F Other Land and 4G Harvested Wood Products).

2016-2017:

UNEP / GEF project: "Republic of Moldova: Empowerment activities for the elaboration of the Fourth National Communication (NC4) and the First Biennial Updated Report under the United Nations Framework Convention on Climate Change (UNFCCC)" – responsibilities for developing the LULUCF Sector GHG inventories (Categories 4A Forest Land, 4F Other Land and 4G Harvested Wood Products).

2016-2017:

UNDP Project: "Low-Emission Capacity Building – Republic of Moldova" – Local Coordinator of the Working Group for the elaboration of the database for the process of drafting the National Inventories on Greenhouse Gas Emissions for the Sector "Land Use, Land-Use Change and Forestry" (database for the Matrix of land use and land use change over the period 1970-2015).

2015-2017:

UNDP Project: "Mainstreaming biodiversity conservation into Moldova territorial planning policies and land-use practices". Legislation analyst (Providing the project with drafting of legislative framework in territorial planning policies and land-use practices: Land Code, Law on environment protection, Law on state protected areas fund etc.).

2014-2016:

UNDP Project: "Low-Emission Capacity Building – Republic of Moldova" – National Consultant responsible for drafting national inventory system from the Sector "Land Use, Land-Use Change and Forestry" (draft Governmental decision; types of initial data; national statistical and sectorial reports etc.).

2014-2016:

Project supported by the World Bank: "Moldova ENPI FLEG II Country Program: Assessing revenue loss from unsustainable forest practices in Moldova". Forestry Management Consultant (Providing the project with all available data, data preparation and analysis, rendering consultancy in technical and regulatory framework of forest harvesting/logging etc.).

2014-2015:

UNEP Project: "Moldova: Enabling Activities for the Preparation of Fourth National Communications and First Biennial Update Report (BUR1) under the United Nations Framework Convention on Climate Change". National Consultant in LULUCF (Develop the National Inventories of Greenhouse Gas Sources and Sinks for the 1990-2013 time series in the frame of BUR1).

2013-2016:

UNDP Project Clima-East: Sustainable management of pastures and community forests in Moldova's first National Park Orhei. National Consultant in carbon assessment and monitoring (Developing a system for monitoring of the dividends from carbon fund and ecological integrity of the ecosystem in place etc.).

2012-2013:

UNDP Project: "National biodiversity plan in order to support the implementation of CBD Strategic Plan 2011-2020 in the Republic of Moldova". National Consultant in reviewing the National Strategy and Action Plan in the Biodiversity.

2011-2012:

UNEP Project: "Enabling Activities for the preparation of the Third national Communication under the Unaided Nations Framework Climate Change Convention". Experience in conducting the assessment on CO₂ emissions / removals from LULUCF sector, development special statistic forms for collecting the initial data, necessary indexes for removals / emissions calculation process, database development etc.

2010-2011:

IUCN Project: "Improving Forest Law Enforcement and Governance (FLEG) in the European Neighbourhood Policy East Countries and Russia". Regional forest legislation analyst. Conducting a regional comparative analysis of existing legal framework, namely the Forest Code, in the associated CARs countries: Kazakhstan, Kyrgyzstan, Tadjikistan, Turkmenistan and Uzbekistan.

2009-2014:

WB Project: Japanese PHRD grant for Moldova "Community Support Program for Sustainable and Integrated Forest Management and Carbon Sequestration through Forestation". National expert assisting PIU Manager in implementation of CSP Grant.

2009-2013:

UNDP-GEF Project: „Improving coverage and management effectiveness of protected area system of Republic of Moldova". Responsible for drafting of legislative framework in protected area system and providing legal assistance to all involved national and international consultants.

2010:

Project supported by Norwegian Government and implemented under the coordination of IUCN "The development of the national Ecological Network of Moldova as part of the Pan-European Ecological Network". Forest Organization Consultant. Study forest organization data and incorporation them in GIS system.

2008-2009:

World Bank BioCarbon Fund Project: „Moldova Community Forestry Development Project". Consultant in monitoring and calculation of emissions reduction – responsibilities for prepare a series of relevant assessments and provide technical input into the project document preparation where it concerns to CHG emission reductions, financial analysis, forest management, etc.

2008:

World Bank and Indufor Project: „Formulating and Implementing a National Action Plan on Illegal Logging and associated Forest Crime in Moldova". Local technical expert.

2004-2007:

World Bank Project: "Soil Conservation in the Republic of Moldova" and Japanese Grant for "Community Forest Development". National expert assisting PIU Manager in implementation of MSCP Project and CDF Grant.

2006-2008:

UNEP-GEF Project: „Enabling Moldova to prepare its Second National Communication in response to Commitments to the UNFCCC", National GHG Inventory & Abatement Expert (LULUCF sector).

2005:

UNDP-GEF Regional Project RER/01/G31: „Capacity Building for Improving the Quality of Greenhouse Gas Inventories (Europe and the Commonwealth of Independent States Region)". National GHG expert responsible for conducting the assessment of GHG emissions and removals from LULUCF sector.

2004-2008:

WB-GEF Project: „Agricultural Pollution Control Project". National expert responsible for

determination of appropriate types of forest plantation.

2004:

UNDP-GEF Project „Moldova: National Self-Assessment of Capacity Building Needs”. National expert responsible for the assessment of the capacity needs of the forestry sector under the UNFCCC.

2003-2004:

WB-GEF Project: „Biodiversity conservation in the lower Dniester delta ecosystem”. National consultant responsible for the preparation of the National Park Management Plan and technological documentation related to forest planting and restoration.

1998-2000:

UNDP-GEF Project: „Enabling Moldova to Prepare its First National Communications in Response its Commitments to the UNFCCC”. Expert on GHG Inventory & Abatement.

1999:

Project: “Strategy for sustainable development of the forestry sector in the Republic of Moldova”. National expert responsible for the development of the chapter with regard to the institutional framework.

Number of publications/scientific articles: 81 (Annexes).

Annexes

1. Iacovenco N., Șichimaca N., Rotaru P., **Talmaci I. (1995)**, *Îndrumări tehnice privind efectuarea lucrărilor de îngrijire și conducere a arboretelor în fondul forestier al Republicii Moldova*. Centrul de Amenajări și Cercetări Silvice, Ch., 47 p.
2. Vdovii Gh., Galupa D., P. Rotaru, **I. Talmaci ș.a. (1997)**, *Raport național cu privire la starea fondului forestier al Republicii Moldova*. Asociația de Stat pentru Silvicultură „Moldsilva”, Ch., 48 p.
3. **Talmaci I. (2000)**, *Structura silvică în Republica Moldova*. București, Revista „Pădurea noastră”, nr. 451-452/IV, p. 21.
4. Postolache Gh., Rotaru P., **Talmaci I.**, Postolache D. (2001), *The reconstruction problems of forest affected by natural calamities in November 2000 in the Republic of Moldova*. Proceeding of the Symposium. Restoration Ecology. University of Agricultural Sciences Timisoara, p. 178-181.
5. Postolache Gh., Rotaru P., **Talmaci I. (2001)**, *Prejudiciile calamităților naturale din noiembrie 2000 aduse pădurilor din Basarabia și probleme de reconstrucție*. Revista pădurilor, București, nr. 4.
6. Postolache Gh., Rotaru P., **Talmaci I. (2001)**, *Recomandări de efectuare a lucrărilor silvotehnice în pădurile afectate de polei în noiembrie 2000*. Chișinău, 23 p.
7. Ph. Brylski, A. Capcelea, D. Galupa, **I. Talmaci**, L. Spitoc (2002), *Afforestation of degraded land in Moldova, the International Scientific Conference “Sustainable development of the forestry sector of Moldova”*, Agency Moldsilva, Ch., p. 131-133.
8. **Talmaci I.**, Grubii G., Martiniuc T. (2002), *Ariile naturale protejate din fondul forestier, unele viziuni în contextual asigurării continuității acestora*. Conferința Științifică Internațională „Dezvoltarea durabilă a sectorului forestier al Republicii Moldova”, Agenția „Moldsilva”, Ch., p. 281-284.
9. **Talmaci I.**, Grubii G. (2002), *Unele aspecte privind relațiile actuale silvicultură-agricultură*. Conferința Științifică Internațională „Dezvoltarea durabilă a sectorului forestier al Republicii Moldova”, Agenția „Moldsilva”, Ch., p. 278-281.
10. Postolache Gh., **Talmaci I.**, Pahomi I., Postolache D. (2002), *Legitățile de afectare a arboretelor de poleiul din noiembrie 2000*. Conferința Științifică Internațională „Dezvoltarea durabilă a sectorului forestier al Republicii Moldova”, Agenția „Moldsilva”, Ch., p. 267-270.
11. Galupa D., **Talmaci I.**, Șpitoc L. et al (2005), *Manual Operațional pentru implementarea programului de granturi mici*. Chișinău, Centrul editorial al UASM, 190 p.
12. Galupa D., **Talmaci I.**, Șpitoc L. (2005), *Manual pentru managementul proiectului „Conservarea solurilor în Moldova”*. Ch., Centrul editorial al UASM, 206 p.
13. Galupa D., **Talmaci I.**, Șpitoc L. (2005), *Studiul pentru Republica Moldova „Asigurarea durabilității pădurilor și mijloacelor de trai prin perfecționarea guvernării și controlului asupra tăierilor ilicite”*. Ch., Centrul editorial al UASM, 116 p.
14. **Talmaci I. (2005)**, *Managementul forestier al nuciferelor*. Materialele Conferinței Științifice „Realizări și perspective în horticultură, viticultură și silvicultură”. Ch., Centrul editorial al UASM, p. 300-303.
15. Galupa D., **Talmaci I.**, Șpitoc L. (2005), *Proiectul “Conservarea solurilor în Moldova” – una din componentele dezvoltării durabile a sectorului forestier național*. Materialele Conferinței Științifice „Realizări și perspective în horticultură, viticultură și silvicultură”. Ch., Centrul editorial al UASM, p. 290-292.
16. Galupa D., **Talmaci I.**, Șpitoc L. (2006), *Sectorul forestier din Republica Moldova – probleme, realizări, perspective*. Ch., Centrul editorial al UASM, 27 p.
17. Galupa D., **Talmaci I.**, Șpitoc L., Rotaru P., Rusu A., Boaghie D. (2006), *Dezvoltarea pădurilor și pajiștilor comunale din Republica Moldova*. Ch., Centrul editorial al UASM, 19 p.
18. **Talmaci I. (2006)**, *Etapă inițială a procesului de monitorizare a proiectului „Conservarea solurilor în Moldova”*. Conferința internațională „Aspecte științifico-practice a dezvoltării durabile a sectorului forestier din Republica Moldova”. Ch., Centrul editorial al UASM, p. 58-64.
19. **Talmaci I. (2006)**, *Aspecte privind contribuția vegetației forestiere la sechestrarea gazelor cu efect de seră (GES) în Republica Moldova*. Conferința internațională „Aspecte științifico-practice a dezvoltării durabile a sectorului forestier din Republica Moldova”. Ch., Centrul editorial al UASM, p. 65-68.
20. Jura L., Șabanova G., Andreev A., Derjanschi V., Izverskaia T., Jurminski S., Sîrodoev Gh., **Talmaci I. (2007)**, *Terenurile agricole de o valoare naturală înaltă:*

- primii pași pentru Republica Moldova. Chișinău, SE Biotica, 112 p.
21. Galupa D., **Talmaci I.**, Șpitoc L. (2008), *Practicile agro-forestiere în Moldova și schimbarea climei*. Ch., ÎEP Știința, 96 p.
 22. **Talmaci I.**, Țăranu M., Scorpan V. (2008), *Emisii/sechestrări de GES în cadrul sectorului „Utilizarea terenurilor, schimbări în utilizarea terenurilor și gospodăria silvică” în Republica Moldova în perioada 1990-2005*. Ch., Revista „Mediul Ambiant”, nr. 2 (38), pag. 42-46.
 23. Andreev A., **Talmaci I.**, Șabanova G., Munteanu A. ș. a. (2008), *Convenția Ramsar și zonele umede de importanță națională în Republica Moldova*, Societatea Ecologică Biotica, Ch., p. 84.
 24. Andreev A., Josan L., Șabanova G., Ghendov V., Munteanu A., Postolachi V., Jurmînschi S., Romanciuc A., Sîrodoev Gh., Șubernetșii I., Țurcanu V., Derjanschi V., Bondarenco A., **Talmaci I.** (2009), *Diversitatea biologică naturală și rețeaua ecologică a Moldovei în context internațional*. Ch.: “Elena – V.I.” SRL. – 35; 37 p., ISBN 978-9975-106-49-8.
 25. A. Andreev, L. Josan, F. Munteanu, G. Sîrodoev, **I. Talmaci**, E. Mițul, G. Șabanova, T. Izverskaia, O. Cazanțeva, (2010), *Materiale instructive privind instituirea rețelelor ecologice*. SE Biotica, Ch., p. 65.
 26. Galupa D., Capcelea A., **Talmaci I.**, Șpitoc L. (2010), *Проекты МЧР в области облесения – опыт Республики Молдова*. Ch., ÎEP Știința, 92 p.
 27. Galupa D., **Talmaci I.**, Șpitoc L. (2011), *Unele aspecte privind experiența Agenției „Moldsilva” de implementare a proiectelor Mecanismului Dezvoltării Nepoluante (MDN) de împădurire/reîmpădurire*. Analele Agenției „Moldsilva”. Chișinău, vol. 1, p. 80-93.
 28. Capcelea A., Galupa D., **Talmaci I.**, Lozan A. (2011), *Moldova în procesul FLEG de perfecționare a guvernării și aplicării legislației forestiere*. Materialele Simpozionului internațional „Dezvoltarea sectorului forestier – noi obiective și priorități”, 17-19 noiembrie 2011. Ch., p. 204-209.
 29. Capcelea A., Lozan A., Lupu I., Botnari F., Platon I., Rotaru P., Cibotaru V., Galupa D., **Talmaci I.**, Șpitoc L., Cerescu A., Galupa T., Soburov V. (2011), *Studiu analitic privind consumul de masă lemnoasă în Republica Moldova*. Chisinau, Agenția „Moldsilva”, 48 p., ISBN 978-9975-4298-3-2.
 30. Prosii E., Grati V., **Talmaci I.** (2011), *Amenajarea pădurilor*. Raport privind starea sectorului forestier din Republica Moldova: perioada 2006-2010. Agenția „Moldsilva”, Ch., 48 p.
 31. Șpitoc L., Lozan A., **Talmaci I.** (2011), *Proiecte în derulare*. Raport privind starea sectorului forestier din Republica Moldova: perioada 2006-2010. Agenția „Moldsilva”, Chișinău, 48 p.
 32. **Talmaci I.** (2011), *Descrierea generală privind starea actuală a fondului forestier național*. Raport privind starea sectorului forestier din Republica Moldova: perioada 2006-2010. Agenția „Moldsilva”, Chișinău, 48 p.
 33. Galupa D., **Talmaci I.**, (2011), *Resurse biologice*. Starea mediului în Republica Moldova în 2007-2010 (Raport național). Institutul de Ecologie și Geografie, Ch., S.n., 2011, p.19-22.
 34. Galupa D., **Talmaci I.**, (2011), *Starea fondului forestier*. Starea mediului în Republica Moldova în 2007-2010 (Raport național). Institutul de Ecologie și Geografie, Ch., S.n., 2011, p.106-108.
 35. Ciobanu A., Grati V., **Talmaci I.** (2012), *Norme tehnice pentru amenajarea pădurilor*. Norme tehnice privind folosirea, conservarea și dezvoltarea pădurilor din Republica Moldova. Ch., Print-Caro, p 17-114.
 36. **Talmaci I.**, Gociu D., Andreev A. (2012), *Norme tehnice privind menținerea și conservarea diversității biologice forestiere în păduri*. Norme tehnice privind folosirea, conservarea și dezvoltarea pădurilor din Republica Moldova. Ch., Print-Caro, p. 168-189.
 37. Grubii Gh., **Talmaci I.** (2012), *Norme tehnice pentru alegerea și aplicarea tratamentelor în păduri*. Norme tehnice privind folosirea, conservarea și dezvoltarea pădurilor din Republica Moldova. Ch., Print-Caro, p. 209-242.
 38. **Talmaci I.** (2012), *Reglementarea legislativă și normativă a procesului de gestionare a pădurilor comunale*. Materiale didactice privind aplicarea legislației în domeniul forestier. Ch., SE Biotica, p. 49-109.
 39. A. Andreev, T. Izverskaia, **I. Talmaci**, G. Șabanova, V. Derjanschi, S. Jurmînschi, A. Munteanu, A. Romanciuc, G. Sîrodoev, I. Șubernetșii, V. Țurcanu (2012), *Îndrumar privind planurile de management pentru zonele-nucleu ale rețelei Ecologice*

- Naționale a Moldovei. Societatea Ecologică „BIOTICA”. – Ch.: S. n., (Tipogr. „Elena-V.I.”), 104 p.*
40. **Talmaci I., Galupa D. (2012),** *Аспекты устойчивого управления лесными ключевыми территориями Национальной экологической сети Молдовы. Materialele Conferinței „Rețelele ecologice – experiență și abordări”. Ch., SE Biotica, p. 113-121.*
 41. Begu A., Munteanu A., Galupa D., **Talmaci I. (2012),** *Potențialul biotic. Starea mediului și patrimoniului natural al bazinului Dunării (în limitele Republicii Moldova). Ch., S.n., p. 48-52.*
 42. **Talmaci I., Cerbari V., Taranu M. (2013),** *National Inventory Report: Greenhouse gas sources and sinks in the Rep. of Moldova, 1990-2010. Chapter 7. Land Use, Land-Use Change and Forestry Sector. Ch., Imprint Plus, p. 238-261.*
 43. **Talmaci I., Galupa D., Taranu M., (2014),** Contribution of forestry vegetation in the GHG balance in the Republic of Moldova. Simpozionul internațional „Forest and Sustainable Development” de la Brașov, România, 24-25 octombrie, 2014.
 44. Vitalie Gulca, Robert Deal, Valeriu Caisin, **Ion Talmaci,** Fabrice Gouriveau, Dumitru Galupa **(2015),** Relationship between forest cover, watershed services, number of wells and water consumption in Moldova. XIV WORLD FORESTRY CONGRESS, Durban, South Africa, 7-11 September 2015.
 45. Marius Țăranu, Elena Bîcova, Vladimir Brega, Anatol Tărită, Sergiu Coșman, **Ion Talmaci,** Tatiana Țugui **(2015),** *Dezvoltarea Sistemului național de inventariere a emisiilor de gaze cu efect de seră. Ghid practic pentru utilizatori. PNUD, Ch., Tipografia Centrală, 83 p.*
 46. **Talmaci I., Miron A., et al. (2015),** *Instituționalizarea procesului de gestiune a pădurilor și pajiștilor comunale din Republica Moldova. Materialele Simpozionului Științific Internațional „Horticultura modernă – realizări și perspective” dedicat aniversării a 75 de ani de la fondarea Facultății de Horticultură a Universității Agrare de Stat din Moldova. Ch., 1-2 octombrie 2015, p. 392-401.*
 47. **Talmaci I., Prosii E., Miron A. (2015),** *Amenajamentul – mecanism de bază al gestiunii durabile // Natura – publicație de ecologie, turism și cultură (septembrie 2015).*
 48. **Talmaci I., Miron A., et al. (2015),** *National Inventory Report: Greenhouse gas sources and sinks in the Rep. of Moldova, 1990-2013. Chapter 7. Land Use, Land-Use Change and Forestry Sector. Ch., Imprint Plus, p. 270-299.*
 49. Șpitoc L., **Talmaci I. (2016),** *Îndrumar pentru calcularea reducerilor de emisii de bioxid de carbon în proiecte de împădurire. Ministerul Mediului, Oficiul Schimbarea Climei, Ch., ÎS “Tipografia Centrală”, 2016, 28 p.*
 50. Marius Țăranu, Elena Bîcova, Vladimir Brega, Anatol Tărită, Sergiu Coșman, **Ion Talmaci,** Tatiana Țugui **(2016),** *Raport privind Sistemul național de inventariere a emisiilor de gaze cu efect de seră. PNUD, Ch., Tipografia Centrală, 176 p.*
 51. **Talmaci I., Miron A., (2016),** *Managementul durabil al pădurilor și pajiștilor deținute de autoritățile publice locale. Ch., Clima East Moldova, 48 p.*
 52. Cazanțeva O., Andreev A., Munteanu A., **Talmaci I.,** Cerescu A., Margineanu G. **(2016),** *Assessment of lost revenues from illegal forest practices. Proceeding of the Symposium. Sustainable use, protection of animal world and forest management in the context of climate change. Ch., Tipogr. “Elan Poligraf”, p. 255-256.*
 53. Andreev A., Cazanțeva O., Izverscaia T., **Talmaci I. (2017),** *Evaluarea pierderilor serviciilor ecosistemice în urma tăierilor ilicite în Republica Moldova. Sectorul forestier și serviciile ecosistemice – ENPI FLEG II în Republica Moldova; Soc. Ecologică “Biotica”, Programul regional ENPI FLEG II. – Chișinău: S. n., (Tipogr. “Elan Poligraf”), 151-227.*
 54. **Talmaci I., Talmaci L., (2017),** *Evolution of forests contribution in greenhouse gas balance in Moldova during 1990-2015. International scientific symposium „Conservation of plant diversity” 5th edition, 1-3 june 2017, Botanical Garden of ASM Chisinau, Republic of Moldova.*
 55. Galupa D., **Talmaci I.,** Șpitoc L., Miron A., Vedutenco D., **(2017),** *Ghid tehnic privind cele mai bune practici agroforestiere în cadrul gestionării durabile a terenurilor. Institutul de Cercetări și Amenajări Silvice. – Chișinău: S. n., Tipografia „Print Caro”. – 148 p.*
 56. **Talmaci I., Miron A., Sfeclă V., Cerbari V. Țăranu M. (2017),** *Raport Național de Inventariere: 1990-2015. Surse de sechestrare și emisii ale gazelor cu efect de seră în Republica Moldova (Capitolul 6). Ministerul Agriculturii, Dezvoltării Regionale și*

- Mediului/PNUD*. – Chișinău.: SRL „Bons Offices”, p. 323-373.
57. A. Andreev, E. Anikeev, P. Arnaut, I. Barcari, O. Bezman-Moseiko, A. Bondarenco, P. Gorbunenco, N. Grosu, V. Derjanschi, T. Izverscaia, L. Josan, S. Jurminski, P. Zamfir, D. Kovalenko, L. Kotomina, P. Cuza, E. Kuharuk, G. Mărgineanu, T. Marin, I. Maiatki, D. Medvedenko, A. Munteanu, N. Nikolaev, T. Pezold, O. Redcozubov, I. Rotaru, A. Romanciuc, A. Rusciuc, N. Siverenco, G. Sirodov, V. Stajilov, I. **Talmaci**, A. Tiscencov, V. Țurcan, G. Șabanova, I. Șubernetkii, O. Telembici, N. Ceavdari, (2017), *Planul de management pentru Zona Ramsar „Nistrul de Jos”*. Societatea Ecologică «BIOTICA», Chișinău, 365 p.
 58. Daradur, M., Cazac, V., Mosoi, I., Leah, T., Shaker, R., Josu, V., **Talmaci, I.** (2018), *National land degradation neutrality targets (Republic of Moldova)*. Chisinau, State Hydrometeorological Service. [Technical Report]. 1-42. Available from: <https://digital.library.ryerson.ca/islandora/object/RULA:7167>.
 59. Galupa D., **Talmaci I.**, Șpitoc L., Caisin V., Varzari A., Mînzat Gr., Odainic V., Opincă V., Moțoianu I. (2018), *Rezultate preliminare privind reducerile de emisii a gazelor cu efect de seră în cadrul proiectului „Dezvoltarea sectorului forestier comunal în Moldova”*. Analele ICAS, Chișinău, vol. 1, p. 46-57.
 60. **Talmaci I.**, Miron A., Sfeclă V., Cerbari V., Leah T., Țăranu M. (2018), *Impactul modului de utilizare a terenurilor asupra neutralității degradării terenurilor în contextul intervențiilor adecvate de stocare și reducere a emisiilor de carbon*. Analele ICAS, Chișinău, vol. 1, p. 58-70.
 61. Proșii E., **Talmaci I.**, (2018), *Managementul pădurilor comunale din Republica Moldova*. Revista Pădurilor, nr. 2/2018, SC Magic Print SRL, Onești, pag. 14-22.
 62. **Talmaci I.**, Proșii E., Mardari A., Varzari A., Galupa A., (2018), *Pădurile din Republica Moldova, starea actuală, indicatori calitativi și cantitativi*. Revista Pădurilor, nr. 3/2018, SC Magic Print SRL, Onești. p. 7-20. ISSN 1583-7890.
 63. **Talmaci I.**, Șpitoc L., Miron A., (2018). *Capitolul 3. - Politici și măsuri de atenuare a schimbărilor climatice, 3.5.6. - Sectorul forestier; Capitolul 4. – Prognoza emisiilor de GES și efectul politicilor și măsurilor de atenuare a schimbărilor climatice, 4.3.4. - Sectorul folosința terenurilor, schimbarea categoriei de folosință a terenurilor și silvicultură II*. Comunicarea Națională Patru a Republicii Moldova elaborată pentru a fi raportată către Convenția-cadru a Organizației Națiunilor Unite cu privire la schimbarea climei. Ministerul Agriculturii, Dezvoltării Regionale și Mediului al Republicii Moldova / PNUM; Coord.: Ion Apostol, Suzanne Lekoyiet; Grupul de sinteză: Vasile Scorpan, Marius Țăranu, Ion Comendant, Lilia Țăranu, Ala Druță, Lidia Treșcilo, Alecu Reniță, Ioana Bobîină. - Ch.: SRL „Bons Offices”, p. 127-165.
 64. **Talmaci I.**, Miron A., Sfeclă V., Leah T., (2018), *National Inventory Report: Greenhouse gas sources and sinks in the Rep. of Moldova, 1990-2016. Chapter 6. Land Use, Land-Use Change and Forestry Sector. Ministry of Agriculture, Regional Development and Environment/UNDP*. – Chisinau.: SRL „Bons Offices”, p. 334-388.
 65. Taranu M., Bicova E., Vasiliev I., Moraru L., Kirillova T., Burtev S., Brega V., Tarita A., Cosman S., Taranu L., **Talmaci I.**, Sfeclă V., Miron A., Tugui T., Efros N., (2018), *Report on National Greenhouse Gas Inventory System in the Republic of Moldova*. Tipografia Bons Offices, Chisinau, 269 p., ISBN: 9789975874526.
 66. Daradur M., Cazac V., Josu V., Leah T., Lopotenco V., Rajendra P. Pandey, Shaker R., **Talmaci I.**, Caisin V., Isac A. (2019). *National Drought Plan of the Republic of Moldova. United Nations Convention to Combat Desertification*, Ministry of Agriculture, Rural Development and Environment of the Republic of Moldova, State Hydrometeorological Service, Research and Project Centre “Eco Logistica”. – Chișinău: Estetini, Tipogr. “Bons Offices”. – 116 p. ISBN 978-9975-3323-0-9.
 67. Gabriela C. Tiță, Marina V. Marcu, Victor Sfeclă, **Ion Talmaci** (2019), *Evaluarea efectului de margine generat de drumuri forestiere, prin variabile microclimatice selectate, în păduri de foioase din zona deluroasă a Republicii Moldova*. Revista Pădurilor, nr. 1/2019, SC Magic Print SRL, Onești. p. 17-36. ISSN 1583-7890.
 68. Daradur M., Cazac V., Josu V., Leah T., Lopotenco V., Rajendra P. Pandey, Shaker R., **Talmaci I.**, Caisin V., Isac A. (2020). *Planul Național pentru Combaterea Secetei în Republica Moldova*. Ministerul Agriculturii, Dezvoltării Regionale și Mediului, Serviciul Hydrometeorologic de Stat, Centrul de Cercetări și Proiectări „Eco Logistica”, Convenția ONU pentru Combaterea Deșertificării, Inițiativa Seceta. – [Chișinău]: Estetini, 2020. – 120 p. ISBN 978-9975-3323-1-6.
 69. **Talmaci I.**, Palancean A., Roșca I. (2020). *Contribuția pădurilor din Republica Moldova în bilanțul gazelor cu efect de seră*. Revista Pădurilor, nr.3/2020, p. 27-46; ISSN: 1583-7890; ISSN (ONLINE): 2067-1962; disponibil pe:

- www.revistapadurilor.com.
70. Galupa D., **Talmaci I.**, (2021). *Înființarea perdelelor forestiere de protecție în calitate de măsură de adaptare la schimbările climatice. Ghid practic pentru producătorii agricoli*. – Chisnau: UCIP IFAD, 60 p.
 71. **Talmaci I.**, Spitoc L., Miron L., (2021), *National Inventory Report: Greenhouse gas sources and sinks in the Rep. of Moldova, 1990-2019: Submission to the United Nations Framework Convention on Climate Change. Chapter 6. Land Use, Land-Use Change and Forestry Sector*. Public Institution "Environmental Projects Implementation Unit", Environment Agency, United Nations Environment Programme. – Chișinău: S. n., (Bons Offices). – p. 335-385, ISBN 978-9975-87-894-4.
 72. Taranu M., Bicova E., Vasiliev I., Kirillova T., Brega V., Tarita A., Cosman S., Taranu L., **Talmaci I.**, Spitoc L., Tugui T., Efros N., (2021), *Report on National Greenhouse Gas Inventory System in the Republic of Moldova*. United Nations Environment Programme (UN Environment), Environment Agency of the Republic of Moldova, Public Institution "Environmental Projects Implementation Unit" (IP "UIPM"). – Chișinău: S. n., (Bons Offices SRL). – 275 p. ISBN 978-9975-87-890-6.
 73. Talmaci, L., Mardari, A., **Talmaci, I.**, (2021), *The use of the forest management database in the process of primary selection of stands within forest genetic resources*. Journal of Botany, Vol. XII, Nr. 2(21). Pag. 152-153. ISSN 1857-2367, E-ISSN 2587-3814. https://qbni.usm.md/wp-content/uploads/2023/05/revista_botanica-21.pdf.
 74. **Talmaci I.**, Spitoc L., Miron A., (2022), *National Inventory Report: Greenhouse gas sources and sinks in the Rep. of Moldova, 1990-2020: Submission to the United Nations Framework Convention on Climate Change. Chapter 6. Land Use, Land-Use Change and Forestry Sector*. Public Institution "Environmental Projects Implementation Unit", Environment Agency, United Nations Environment Programme. – Chișinău: S. n., (Bons Offices). – p. 337-389, ISBN 978-9975-166-44-7.
 75. Taranu M., Bicova E., Vasiliev I., Kirillova T., Moraru L., Brega V., Tarita A., Cosman S., Taranu L., **Talmaci I.**, Spitoc L., Miron A., Tugui T., Efros N., (2022), *Report on National Greenhouse Gas Inventory System in the Republic of Moldova*. United Nations Environment Programme (UN Environment), Environment Agency of the Republic of Moldova, Public Institution "Environmental Projects Implementation Unit" (IP "UIPM"). – Chișinău: S. n., (Bons Offices). – [277] p., ISBN: 978-9975-166-45-4.
 76. Galupa, D., **Talmaci, I.**, Florența, Gh., (2023), *Aspects regarding the contribution of the National Forest Extension and Rehabilitation Program to the sustainable development of the Republic of Moldova*. Book of abstracts. 6th Edition of the International Conference "Integrated Management of Environmental Resources", Suceava, România, 23-24 November 2023. P. 15-16. [Book of abstracts IMER 23.pdf](https://ibn.idsi.md/sites/default/files/imag_file/Book_of_abstracts_IMER_23_Suceava.pdf), available on: [https://ibn.idsi.md/sites/default/files/imag_file/Book_of_abstracts IMER 23 Suceava.pdf](https://ibn.idsi.md/sites/default/files/imag_file/Book_of_abstracts_IMER_23_Suceava.pdf).
 77. **Talmaci, I.**, Miron, A., Galupa, A., Proșii, E., Cojocaru, Gh., Mardari, A., Talmaci, L., (2023), *Issues of assessing carbon stocks in the biomass and soil of grasslands in Orhei National Park*. Book of abstracts. 6th Edition of the International Conference "Integrated Management of Environmental Resources", Suceava, România, 23-24 November 2023. P. 73. [Book of abstracts IMER 23.pdf](https://ibn.idsi.md/sites/default/files/imag_file/Book_of_abstracts_IMER_23_Suceava.pdf), available on: https://ibn.idsi.md/sites/default/files/imag_file/Book_of_abstracts IMER 23 Suceava.pdf.
 78. **Talmaci, I.**, Proșii, E., Galupa, A., Cojocaru, Gh., Mardari, A., Miron, A., Talmaci, L., Varzari, A., (2023), *Aspects regarding the estimation of carbon from the biomass of forest trees in the Southern Area of the Republic of Moldova*. Book of abstracts. 6th Edition of the International Conference "Integrated Management of Environmental Resources", Suceava, România, 23-24 November 2023. P. 74. [Book of abstracts IMER 23.pdf](https://ibn.idsi.md/sites/default/files/imag_file/Book_of_abstracts_IMER_23_Suceava.pdf), available on: https://ibn.idsi.md/sites/default/files/imag_file/Book_of_abstracts IMER 23 Suceava.pdf.
 79. **Talmaci I.**, Spitoc L., Miron A., (2024), *National Inventory Report: Greenhouse gas sources and sinks in the Rep. of Moldova, 1990-2022: Submission to the United Nations Framework Convention on Climate Change, 30 September 2024. Chapter 6. Land Use, Land-Use Change and Forestry Sector*. Public Institution

- “Environmental Projects Implementation Unit”, Environment Agency, United Nations Environment Programme. coordinators: Suzanne Lekoyiet, Silvia Nelipovschi. – Chişinău: S. n., 2024 (Bons Offices). – p. 357-412, ISBN 978-5-36241-366-8.
80. **Talmaci I., Şpitoc L., Erii Prosii (2025), Chapter 1: National Greenhouse Gas Inventory, 1.13.4. Sector 4 „Land use, land use change and forestry” //** Republic of Moldova's First Biennial Transparency Report under the Paris Agreement: Developed in accordance with the Paris Agreement's Enhanced Transparency Framework, Chisinau, 31 December 2024 / Public Institution “Environmental Projects National Implementation Office” [et al.]; coordinators: Suzanne Lekoyiet, Silvia Nelipovschi; editorial group: Lilia Taranu, Mihai Tirsu, Tatiana Gutium [et al.]. – Chişinău: [S. n.], 2025 (Bons Offices). – p. 73-75, ISBN 978-5-36241-415-3.
 81. **Talmaci I., Şpitoc L. (2025), Chapter 2: Information necessary to track progress made in implementing and achieving the Nationally Determined Contribution under article 4 of the Paris Agreement, 2.5.4.4. Land Use, Land Use Change and Forestry Sector //** Republic of Moldova's First Biennial Transparency Report under the Paris Agreement: Developed in accordance with the Paris Agreement's Enhanced Transparency Framework, Chisinau, 31 December 2024 / Public Institution “Environmental Projects National Implementation Office” [et al.]; coordinators: Suzanne Lekoyiet, Silvia Nelipovschi; editorial group: Lilia Taranu, Mihai Tirsu, Tatiana Gutium [et al.]. – Chişinău: [S. n.], 2025 (Bons Offices). – p. 121-125, ISBN 978-5-36241-415-3.