



## Europass Curriculum Vitae



### Personal information

First name(s) / Surname(s) **Ioan Vasile ABRUDAN**  
 Address(es) 55 Fagetului Street, Brasov (Romania)  
 Mobile: 0040723533512  
 E-mail abrudan@unitbv.ro  
 Nationality Romanian  
 Date of birth 23<sup>rd</sup> of June 1967  
 Gender Male

### Work experience

Dates	Since February 2012
Occupation or position held	Rector of the <i>Transilvania</i> University of Brasov
Main activities and responsibilities	Management of the administrative and academic activities of the university
Name and address of employer	<i>Transilvania</i> University of Brasov
Type of business or sector	Higher education and research
Dates	April 2004 – February 2012
Occupation or position held	Dean of the Faculty of Silviculture and Forest Engineering
Main activities and responsibilities	Coordination of the faculty's educational and research activities
Name and address of employer	<i>Transilvania</i> University of Brasov
Type of business or sector	Higher education and research
Dates	Since October 1991
Occupation or position held	Research Engineer (1991-1992), Junior assistant (1992-1994), Assistant (1994-1999), Lecturer (1999-2003), Associate Professor (2003-2006), Professor (2006-present)
Main activities and responsibilities	Teaching and research activities in the fields of Silviculture (afforestation, ecological restoration), Forest Policy and Strategy, Forest Management Certification
Name and address of employer	<i>Transilvania</i> University of Brasov
Type of business or sector	Higher education and research

Dates January 2007- March 2012  
 Occupation or position held President of the Commission for Agriculture, Forestry and Veterinary Medicine  
 Main activities and responsibilities Planning and coordination of the evaluation activities for institutional and study program accreditation in the fields of Agriculture, Forestry and Veterinary Medicine  
 Name and address of employer Romanian Agency for Quality Assurance in Higher Education (ARACIS)  
 Type of business or sector Institutional and study program evaluation

Dates Since July 2013  
 Occupation or position held Vice-president  
 Main activities and responsibilities Organisational and management initiatives regarding the activities of the Romanian universities and their relationships with the authorities and the international counterparts  
 Name and address of employer National Council of Rectors (CNR)  
 Type of business or sector Management of higher education and research in Romania

Dates Since June 2011  
 Occupation or position held Vice-president  
 Main activities and responsibilities Development of funding methodologies and criteria for higher education in Romania, and advising the education and research authorities on higher education funding  
 Name and address of employer National Council for Funding of Higher Education (CNFIS)  
 Type of business or sector Funding of higher education and research in Romania

### Education and training

Dates 1997-1998  
 Title of qualification awarded Doctor of Philosophy  
 Principal subjects/occupational skills covered Ecological and wood production investigations of the semi-natural beech-conifer mixtures in the Upper Dragan Watershed (North-West Romania)  
 Name and type of organisation providing education and training Brunel University (United Kingdom)

Dates September 1986– June 1991  
 Title of qualification awarded Forest Engineer (Head of 1991 Class)  
 Principal subjects/occupational skills covered Forestry  
 Name and type of organisation providing education and training Transilvania University of Brasov (Romania)

### Personal skills and competences

Mother tongue(s) **Romanian**

Other language(s)

Self-assessment

European level (\*)

**English**

**French**

Understanding		Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production	
C1		C1		B2		B2	
A2		A2		A2		A2	

(\*) [Common European Framework of Reference for Languages](http://www.cedefop.europa.eu/en/etools/cefr)

## Organisational skills and competences

Management and organisational experience in higher education and research:

- Rector of the Transilvania University of Brasov (since 2012)
- Dean of the Faculty of Silviculture and Forest Engineering (2004-2012),
- Chair, Chair Elect and Vice-chair of the Conference of the Deans and Directors of European Forestry Faculties and Schools - ConDDEFFS (2009-2012)
- President of the Strategic Institutional Development Council of the Technical University of Moldova (since 2015)
- President of the Commission for Agriculture, Forestry and Veterinary Medicine- Romanian Agency for Quality Assurance in Higher Education- ARACIS (2007-2012)
- Vice-president of the National Council for Funding of Higher Education – CNFIS (since 2011)
- Vice-president of the National Council of Rectors (since 2013)
- Vice-president (2012-2015), President (2015) and member (since 2012) of the Commission for Engineering of Plant and Animal Resources of the National Council for Attesting the University Titles and Diplomas

## Professional skills and competences

Solid knowledge and expertise in forestry, forest management and conservation, forest certification

Good understanding of EU policy, directives and regulations in relation to forestry and biodiversity conservation.

Knowledge of forest sector and nature conservation situation in Romanian and in Central and Eastern European countries based on the last 28 years work in several international/regional projects

Solid knowledge and expertise in management and quality assurance in university education and research

## Research outputs

Publications: author/co-author of 15 books and more than 130 articles (40 in journals indexed in Web of Science) published in: Austria, Czech Republic, England, Italy, Japan, Neetherlands, Romania, Serbia, Switzerland, USA.

Projects: 65 national and international research, technical assistance and educational projects (36 projects as project director, scientific or institutional coordinator) funded by Romanian authorities for research, forestry and environmental protection, European Commission, USAID, USDA, DEFRA (UK), FAO, EBRD, PIN-MATRA, EEA etc.

**h-** index (Web of Science/Scopus/Google Scholar): 14/14/20

## Computer skills and competences

- MS Office
- Adobe Photoshop;
- UNISTAT; MINITAB

**Additional information****Training and research stages:**

- 1992 EC TEMPUS (JEP) PHARE Grant (England and Scotland)
- 1993 EC (PECO) Research Grant (Roslin, Scotland)
- 1994 Royal Swedish Academy of Agriculture and Forestry Grant (Sweden)
- 1995 Royal Swedish Academy of Agriculture and Forestry Grant (Sweden)
- 1997 EC TEMPUS (JEP) PHARE Grant (England)
- 1997 PhD Grant-Brunel University (England)
- 1998 EC TEMPUS (CME) PHARE Grant (England and Germany)

**Membership of scientific, professional and technical bodies (selection):**

- Corresponding Member of the Academy of Agricultural and Forestry Sciences (2019)
- Member of the Forestry Academy of Scientists of Ukraine (2017)
- Corresponding Member of the Academy of Romanian Scientists (2012)
- Conference of the Deans and Directors of European Forestry Faculties and Schools (ConDDEFFS) (Elected Chair, Chair, Vice-chair)
- World Bank Technical Advisory Group for Forest Policy Implementation and Review Strategy
- International Union of Forest Research Organisations (IUFRO WG 6.13.00)
- Forest Stewardship Council
- Technical Commission for Forestry of the Ministry of Agriculture, Forests and Rural Development

**Honorary titles:**

- *Honorary Visiting Professor* (2018) - University of Peradeniya (Sri Lanka)
- *The People's Republic of China Friendship Award* (2016) - SAFEA -State Council (China)
- *Invited Professor* (2012-2015) - Shenyang Jianzhu University (China)
- *Honorary Professor* (2011) - Buckinghamshire New University (UK)
- *Doctor Honoris Causa* (2010, 2012, 2013, 2014, 2018, 2019) – University of Agricultural Sciences and Veterinary Medicine Timisoara (Romania); University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca (Romania); University of Oradea (Romania), Technical University of Moldova, Chisinau (Moldova), National Forestry University Lviv (Ukraine), “Henri Coanda” Airforce Academy (Romania)
- *Ingeniero de Montes de Honor* (2009) - Universidad Politecnica de Madrid (Spain)

Brasov, April 2020

**LIST OF PUBLICATIONS (selection)**  
**Prof.dr.eng. Ioan Vasile Abrudan**

**a). PhD Thesis:**

ABRUDAN, I.V. (1997). Ecological and wood-production investigations of the semi-natural beech-conifer mixtures in the upper Dragan Watershed (North-West Romania) [*Cercetari ecologice si silvoproductive privind amestecurile naturale de rasinoase cu fag din bazinul superior al Vaii Draganului (nord-vestul Romaniei)*]. Brunel University (Marea Britanie), 226p.

**b). Books and book chapters (selection):**

**In Romania:**

1. ABRUDAN, I.V. (2006): *Impaduriri* [Afforestation]. Editura Universitatii Transilvania din Brasov, ISBN 973-635-688-4, 200p;
2. IORGU, O., ABRUDAN, I.V., BIRIS, I., DRAGOI, M., MIHAI, D., DONITA, N., FILIP., L., JENO, F., PAPP, T., PAUCA COMANESCU, M., SANDOR, A., TANASIE, L. si TATOLE, V. (2005). *Ghid practic pentru identificarea padurilor cu valoare ridicata de conservare* [Guidebook for the identification of High Conservation Value Forests]. Ecodesign Bucuresti, 103p;
3. TOADER, T., DUMITRU, I., ABRUDAN, I.V., GROZAVU, H., IORGU, O., IUNCU, H., MEGAN, S., PARV, O., PREDA, C., PRUNDUREL, P., RUSU, C., STANCIU, E., TRIFOI, F., TOADER, F.C., VERGHELET, M., VOICU, D., ZOTTA, M., IACOB, D., MIHAI, D. si DRAGOI, M. (2004). *Romanian Forests. National and Nature Parks*. Editura Intact Bucuresti, ISBN 973-833401-2, 295p;
4. POYNTON, S., MITCHELL, A., IONASCU, GH., MCKINNENN, F., ELLIOTT, J. si ABRUDAN, I.V. (2000). *Economic evaluation and reform of the Romanian forestry sector*. Editura "Pentru viata" Brasov, ISBN 973-99456-4-3, 138p.

**Abroad:**

5. CURTU, A.L., BORZ, S.A., ABRUDAN, I.V. (2019). Romania: Faculty of Silviculture and Forest Engineering, Transilvania University of Braşov. In: *Universities within the Forests*. (Editor: Gwiazdowics, D.). Ornatus, Poland, ISBN 978-83-946463-3-2, pg. 122-139;
6. DAUTBASIC, M., HOXHAI, G., IORAS, F., ABRUDAN, I.V. si RATNASINGAM, J. (2011). Climate Change: Wildfire Impact. In: *Biodiversity Loss in a Changing Planet*. (Editors: Grillo, O.; Venora, G.). InTech, ISBN 978-953-307-707-9, pg. 1-18;
7. ABRUDAN, I.V., MIHAILA, E., COSTACHESCU, C., GUREAN D. (2009) Forest Vegetation Management in Romania. In: *Forest vegetation management in Europe: current practice and future requirements* (Editors: Willoughby, I, Ballandier, P., Bentsen, N.S., McCarthy, N., Claridge, J.) COST Office, Brussels, pg.109-116;
8. ABRUDAN, I.V. (2007). Cross-sectoral Linkages between Forestry and other Sectors in Romania. In: *Cross-sectoral Policy Developments in Forestry*. (Editors: Dube, Y. si Schmithusen, F.), FAO and CABI Publishing, United Kingdom, ISBN 13: 978 184593 2503 pg. 183-189;
9. BOURIAUD, L. si ABRUDAN, I.V. (2004). Recent forest policy developments in Romania and the main challenges ahead. In: *Forests in Transition II: Challenges in Strengthening of Capacities for Forest Policy Development in Countries with Economies in Transition*. (Editors: Jansky, L., Nevenic, R., Tikkanen, I. si Pajari, B.), United Nations University Press, Tokyo, Japan, ISBN 92-808-8024-1, pg. 159-174;
10. ABRUDAN, I.V. (2000). Natural and semi-natural mixed stands in the Romanian Carpathians. In: *Forests in Sustainable Mountain Development. A State of Knowledge Report for 2000* (Editors: Price, M.F. si Butt, N.), CABI Publishing, United Kingdom, ISBN 0851994466, pg.208-209;
11. ABRUDAN, I.V. si PACURARI, D. (1999). Reflection of the non-market benefits of forests in the forest policy of countries in transition - a case study: Romanian Forest Policy. In: *The Living Forests - Non-Market Benefits of Forestry*. London, United Kingdom, ISBN 011 7103438, pg. 239-241.

**c) Articles (selection):**

12. MARIN, G., STRIMBU, V., ABRUDAN, I.V., STRIMBU, B. (2020): Regional variability of the Romanian main tree species growth using National Forest Inventory increment cores. In: *Forests*. ISSN 1999-4907 (Print), DOI: 10.3390/f11040409. Volume 11, 409 (April 2020), pg. 1-18;
13. HALALISAN, A.F., POPA, B., HERAS-SAIZARBITORIA, I., IORAS, F., ABRUDAN, I.V. (2019): Drivers, perceived benefits and impacts of FSC Chain of Custody Certification in a challenging sectoral context: the case of Romania. In: *International Forestry Review*. ISSN 14655489, DOI: 10.1505/146554819826606595, Volume 21, No.2, pg. 195-211;
14. MARIN, G., ABRUDAN, I.V., STRIMBU, B. (2019): Increment cores from the National Forest Inventory from Romania. In: *Mathematical and Computational Forestry & Natural Resource Sciences*. ISSN 1946-7664. Volume 11 (2), pg. 294-302;
15. DUTCA, I., MATHER, R., BLUJDEA, V., IORAS, F., OLARI, M., ABRUDAN, I.V. (2018). Site-effects on biomass allometric models for early growth plantations of Norway spruce (*Picea abies* (L.) Karst.). In: *Biomass and Bioenergy*. ISSN 09613534 (Print), Elsevier. DOI: 10.1016/j.biombioe.2018.05.013, Volume 116 (September 2018), pg.8-17;

16. DUTCA, I., STANCIOIU, P.T., ABRUDAN, I.V., IORAS, F. (2018). Using clustered data to develop biomass allometric models: The consequences of ignoring the clustered data structure. In: *Plos One*. ISSN 1932-6203 (Print), Elsevier. DOI: 10.1371/journal.pone.0200123, Volume 13 (2 August 2018), Issue 8, 17pp;
17. HALALISAN, A.F., ABRUDAN, I.V., POPA, B. (2018): Forest Management Certification in Romania: Motivations and Perceptions. In: *Forests*. ISSN 1999-4907 (Print), DOI: 10.3390/f9070425. Volume 9 (7) 425 (July 2018), pg. 2-16;
18. NITA, M.D., MUNTEANU, C., GUTMAN, G., ABRUDAN, I.V., RADELOFF, V.C. (2018): Widespread forest cutting in the aftermath of World War II captured by broad-scale historical Corona Spy satellite photography. In: *Remote Sensing of Environment*. ISSN 0034-4257 (Print), Elsevier. DOI: 10.1016/j.rse.2017.10.021, Volume 204 (January 2018), pg. 322-332;
19. COLL, L., AMEZTEGUI, A., COLLET, C., LOF, M., MASON, B., PACH, M., VERHEYEN, K., ABRUDAN, I.V., BARBATI, A., BARREIRO, S., BIELAK, K., BRAVO-OVIEDO, A., FERRARI, B., GOVEDAR, Z., KULHAVY, J., LAZDINA, D., MATSLAID, M., MOHREN, F., PEREIRA, M., PERIC, S., RASZTOVITS, E., SHORT, I., SPATHELF, P., STERBA, H., STOJANOVIC, D., VLASTA, L., ZLATANOV, T., PONETTE, Q. (2018): Knowledge gaps about mixed forests: what do European forest managers want to know and what answers can science provide? In: *Forest Ecology and Management*. ISSN 0378-1127 (Print), Elsevier. DOI: 10.1016/j.foreco.2017.10.055, Volume 407 (1 January 2018), pg. 106-115;
20. HALALISAN, A.F., IORAS, F., KORJUS H., AVDIBEGOVIC, M., MARIC, B., PEZDEVSEK MALOVRH S., ABRUDAN, I.V. (2016). An Analysis of Forest Management Non-Conformities to FSC Standards in Different European Countries. In: *Notulae Botanicae Horti Agrobotanici Cluj-Napoca*, Volume 44 Issue 2, pg. 634-639;
21. POPA, B., BORZ, S.A., NITA, M.D., IORAS, F., IORDACHE, E., BORLEA, F., PACHE, R., ABRUDAN, I.V. (2016). Forest Ecosystem Services Valuation in Different Management Scenarios: a Case Study of the Maramures Mountains. In: *Baltic Forestry*, Volume 22(2): 327-340;
22. MUNTEANU, C., NITA, M.D., ABRUDAN, I.V., RADELOFF, V.C. (2016): Historical forest management in Romania is imposing strong legacies on contemporary forests and their management. In: *Forest Ecology and Management*. ISSN 0378-1127 (Print), Elsevier. DOI: 10.1016/j.foreco.2015.11.023, Volume 361 (1 February 2016), pg. 179-1936;
23. PETRITAN, I.C., COMMARMOT, B., HOBI, M.L., PETRITAN, A.M., BIGLER, C., ABRUDAN, I.V., RIGLING, A. (2015): Structural patterns of beech and silver fir suggest stability and resilience of the virgin forest Sinca in the Southern Carpathians, Romania. In: *Forest Ecology and Management*. ISSN 0378-1127 (Print), Elsevier. DOI: 10.1016/j.foreco.2015.07.015, Volume 356 (15 November 2015), pg. 184-195;
24. RATNASINGAM, J., RAMASAMY, G., TOONG, W., IORAS, F., CANJA, C.M., LUPU, M.I., ABRUDAN, I.V. (2015): Carbon Stocking in the Natural Forests – The Case of Malaysia. In: *Notulae Botanicae Horti Agrobotanici Cluj-Napoca*, Volume 43 Issue 1, pg. 278-286;
25. MARINCHESCU, M., HALALISAN, A.F., POPA, B., ABRUDAN, I.V. (2014): Forest Administration in Romania: Frequent Problems and Expectations. In: *Notulae Botanicae Horti Agrobotanici Cluj-Napoca*, Volume 42 Issue 2, pg. 588-595;
26. RATNASINGAM, J., NG'ANDWE, P., IORAS, F., ABRUDAN, I.V. (2014): Forestry and Forest Products Industries in Zambia and the Role of REDD+ Initiatives. *International Forestry Review*. DOI: 10.1505/146554814813484068, Volume 16, No.4, pg. 474-484;
27. GRIFFITHS, P., KUEMMERLE, T., BAUMANN, M., RADELOFF, V.C., ABRUDAN, I.V., LIESKOVSKY, J., MUNTEANU, C., OSTAPOWICZ, K., HOSTERT, P (2014): Forest disturbances, forest recovery, and changes in forest types across the Carpathian ecoregion from 1985 to 2010 based on Landsat image composites. In: *Remote Sensing of Environment*, Elsevier. DOI: 10.1016/j.rse.2013.04.022, Volume 151 (August 2014), pg. 72-88;
28. VIŠNJIĆ Ć., SOLAKOVIĆ, S., MEKIĆ, F., BALIĆ, B., VOJNIKOVIĆ, S., DAUTBAŠIĆ, M., GURDA, S., IORAS, F., RATNASINGAM, J., ABRUDAN, I.V. (2013). Comparison of structure, regeneration and dead wood in virgin forest remnant and managed forest on Grmeč Mountain in Western Bosnia. In: *Plant Biosystems*, DOI: 10.1080/11263504.2012.751064, Volume 147, No.4, pg. 913-922;
29. CIUVĂȚ, A.L., ABRUDAN, I.V., BLUJDEA, V., DUTCA, I., NUTA, I.S., EDU, E. (2013). Biomass Equations and Carbon Content of Young Black Locust (*Robinia pseudoacacia* L.) Trees from Plantations and Coppices on Sandy Soils in South-Western Romanian Plain. In: *Notulae Botanicae Horti Agrobotanici Cluj-Napoca* Volume 41 Issue 2, pg. 590-592;
30. HALALISAN, A.F., MARINCHESCU, M., POPA, B., ABRUDAN, I.V. (2013): Chain of Custody certification in Romania: profile and perceptions of FSC certified companies. *International Forestry Review*, DOI: 10.1505/146554813807700137, Volume 15, No.3, pg. 305-314;
31. SANTAMARTA, J.C., ARRAIZA, M.P., IORAS, F., HERNÁNDEZ-GUTIÉRREZ, L., NERIS, J., ABRUDAN, I.V., LÓPEZ, J. V., RODRÍGUEZ-MARTÍN, J. (2013). Specialized training through European Masters on environmental management and its risks and threats: Innovative teaching strategies and methodologies. *International Conference on Information, Business and Education Technology (ICIBIT 2013) Proceedings*. ISBN: 978-90-78677-57-4, ISSN: 1951-6851, DOI: 10.2991/icibet.2013.224, pg. 1189-1192;
32. IORAS, F., KANER, J., ARRAIZA BERMUDEZ-CANETE, M.P., SANTAMARTA, J.C., ABRUDAN, I.V., KORJUS, H., LAKATOS, F. (2013). Evaluation of a web-based portal for knowhow dissemination from academia to industry: lessons learned from an online instructional design and technology program. In: *6th International Conference of Education, Research and Innovation (ICERI2013) Proceedings*, 18-20 November, Seville, Spain. ISBN: 978-84-616-3847-5 ISSN: 2340-1095, pg. 5022-5031;
33. ARRAIZA, M.P., IORAS, F., GARCÍA, J., GIMENEZ, M., CALDERON, C., MARTÍN, S., GARCÍA, F., ABRUDAN, I., SANTAMARTA, J.C., KORJUS, C.H., LAKATOS, F. (2013). Defining key competences for a master program on climate change

and restoration of degraded land. In: *6th International Conference of Education, Research and Innovation (ICERI2013) Proceedings*, 18-20 November, Seville, Spain. ISBN: 978-84-616-3847-5 ISSN: 2340-1095, pg. 5252-5255;

34. ARRAIZA BERMUDEZ-CAÑETE, M.P., CALDERON GUERRERO, C., GARCÍA-ROBREDO, F., MARTÍN, S., GARCÍA, J.L., LÓPEZ, J.V., GIMENEZ, M., SANTAMARTA, J.C., IORAS, F., ABRUDAN, I., LAKATOS, F., KORJUS, H. (2013). Development of MSc programmes under the Erasmus multilateral projects. *EDULEARN13 - Proceedings of the 5th International Conference on Education and New Learning Technologies* (Barcelona, Spain, 1-3 July 2013), ISBN: 978-84-616-3822-2, ISSN: 2340-1117, pg: 5844-5848;

35. MUNTEANU, D., ABRUDAN, I.V. (2013). Ways of improving the university organizational culture by motivation programs and actions for students. In: *Proceedings of INTED2013 Conference 4th-6th March 2013*, Valencia, Spain. ISBN: 978-84-616-2661-8, pg. 2130-2138;

36. CIUVĂȚ, A. L., ABRUDAN, I. V., BLUJDEA, V., MARCU, C., DINU, C., ENESCU, M., NUȚĂ, S. I., 2013. Distribution and peculiarities of black locust in Romania. In: *Revista de Silvicultură și Cinegetică*, Nr. 32, pg. 76-85;

37. ABRUDAN, I.V. (2012): A decade of non-state forest administration in Romania: achievements and challenges. *International Forestry Review*. ISSN 14655489, DOI: 10.1505/146554812802646684, Volume 14, No.3, pg. 275-284;

38. RATNASINGAM, J., IORAS, F., ABRUDAN, I.V. (2012): An evaluation of occupational accidents in the wooden furniture industry - A regional study in South East Asia. In: *Safety Science*, Elsevier. DOI: 10.1016/j.ssci.2011.12.035, Volume 50, Issue 5 (June 2012), pg. 1190-1195;

39. GRIFFITHS, P., KUEMMERLE, T., KENNEDY, R.E., ABRUDAN, I.V., KNORN, J., HOSTERT, P. (2011): Using annual time-series of Landsat images to assess the effects of forest restitution in postsocialist Romania. In: *Remote Sensing of Environment*. ISSN 0034-4257 (Print), Elsevier. DOI: 10.1016/j.rse.2011.11.006, Volume 118 (15 March 2012), pg. 199-214;

40. KNORN, J., KUEMMERLE, T., SZABO, A., MINDRESCU, M., KEETON, W.S., RADELOFF, V.C., ABRUDAN, I.V., GRIFFITHS, P., GANCZ, V., HOSTERT, P. (2012): Forest restitution and protected area effectiveness in post-socialist Romania. In: *Biological Conservation*. Elsevier. DOI: 10.1016/j.biocon.2011.12.020 Volume 146, Issue 1 (February 2012), pg. 204-212;

41. BLUJDEA V., PILLI, R., DUTCA, I., CIUVAT, L., ABRUDAN, I.V. (2012): Allometric biomass equations for young broadleaved trees in plantations in Romania. In: *Forest Ecology and Management*. ISSN 0378-1127 (Print), Elsevier. DOI: 10.1016/j.foreco.2011.09.042, Volume 264 (15 January 2012), pg. 172-184;

42. HALALISAN F., MARINCHESCU, M., ABRUDAN, I.V. (2012). The evolution of forest certification: a short review. In: *The Bulletin of the Transilvania University of Brasov*. Vol. 5 (54) 2, Series II, ISSN 2065-2135, pg. 35-42;

43. ARRAIZA BERMUDEZ-CAÑETE, M.P., MARTÍN, S., GARCÍA-ROBREDO, F., GARCÍA, J.L., LÓPEZ, J.V., IORAS, F., ABRUDAN, I.V., LAKATOS, F., NAGY, D., KORJUS, H., KANGUR, A., SANTAMARTA, J.C. (2012). Development of a pan European e-learning MSc degree in technology – Enhanced Forest Fire Fighting Learning (MATEFL). *EDULEARN12 - Proceedings of the 4th International Conference on Education and New Learning Technologies* (Barcelona, Spain, 2-4 July 2012), ISBN: 978-84-695-3491-5, ISSN: 2340-1117, pg: 6650-6655;

44. CIUVĂȚ, A. L., ABRUDAN, I. V., BLUJDEA, V. (2012). Biomass production in young black locust plantations in southern Romania. *Proceedings of the International Conference "Ecology - Interdisciplinary Science and Practice"*. Publish. ScieSet-Eco, ISBN 978-954-749-096-3, pg. 70-75;

45. OLOFSSON, P., KUEMMERLE, T., GRIFFITHS, P., KNORN, J., BACCINI, A., GANCZ, V., BLUJDEA, V., HOUGHTON, R.A., ABRUDAN I.V., WOODCOCK, C.E. (2011): Carbon implications of forest restitution in post-socialist Romania. In: *Environmental Research Letters*. 6 (4) DOI:10.1088/1748-9326/6/4/045202, 045202 (10pp);

46. DRAGHICI, C., ABRUDAN, I.V. (2011): The effect of different stratification conditions on the germination of *Fraxinus angustifolia* Vahl. and *Fraxinus ornus* L. seeds. In: *Notulae Botanicae Horti Agrobotanici Cluj-Napoca*, Volume 39 Issue 1, ISSN 0255-965X, pg 283-287;

47. ATTAH, A., IORAS, F., RATNASINGAM, J., ABRUDAN, I.V. (2011): Chain of custody certification: an assessment of Ghanaian timber sector. In: *European Journal of Wood and Wood Products*. Volume 69, No.1, ISSN 0018-3768 (Print) 1436-736X (Online), Springer Berlin / Heidelberg, pg. 113-119;

48. DRAGHICI, C., ABRUDAN, I.V. (2011): The Effect of Different Stratification Methods on the Germination of *Acer platanoides* and *Acer campestre* Seeds. In: *The Bulletin of the Transilvania University of Brasov*. Vol. 4 (53), Series II, ISSN 2065-2135, pg. 29-34;

49. DRAGHICI, C., ABRUDAN, I.V. (2011): Preliminary Results on Breaking Seed Dormancy of Manna Ash (*Fraxinus ornus* L.). *Forest and sustainable development*, Editura Universitatii Transilvania din Brasov, ISSN 1843-505X, pg. 23-28;

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