



## PERSONAL INFORMATION

**Ioan Vasile Abrudan**✉ [abrudan@unitbv.ro](mailto:abrudan@unitbv.ro)POSITION IN THE DOCTORAL  
SCHOOL OF TRANSILVANIA  
UNIVERSITY OF BRASOVPhD Coordinator  
Field of doctoral studies: **Forestry**  
Since: 2007EXPERTISE FIELD AND  
RESEARCH INTEREST AREAS

Forest Seed &amp; Nursery Production; Afforestation; Forest Management and Chain of Custody Certification; Forest Policy and Strategy

## WORK EXPERIENCE

Since February 2012

**Rector**Transilvania University of Brasov, Romania ([www.unitbv.ro](http://www.unitbv.ro))

- Management of the administrative and academic activities of the university

**Business or sector:** Higher education and research

Since October 1991

**Research Engineer (1991-1992), Junior Assistant (1992-1994), Assistant (1994-1999), Lecturer (1999-2003), Associate Professor (2003-2006), Professor (2006-present)**

Faculty of Silviculture and Forest Engineering, Transilvania University of Brasov, Romania

- Teaching and research activities in the fields of Silviculture (forest seed and nursery production, afforestation, ecological restoration), Forest Policy and Strategy, Forest Management Certification

**Business or sector:** Higher education and research

Since July 2013

**Vice- President**National Council of Rectors (*CNR*), Bucharest, Romania

- Organisational and management initiatives regarding the activities of the Romanian universities and their relationships with the authorities and the international counterparts

**Business or sector:** Management of higher education and research in Romania

Since June 2011

**Vice- President**National Council for Funding of Higher Education (*CNFIS*), Bucharest, Romania

- Development of funding methodologies and criteria for higher education in Romania, and advising the education and research authorities on higher education funding

**Business or sector:** Funding of higher education and research in Romania

January 2007- March 2012 **President of the Commission for Agriculture, Forestry and Veterinary Medicine**  
 Romanian Agency for Quality Assurance in Higher Education (*ARACIS*), Bucharest, Romania

- Planning and coordination of the evaluation activities for institutional and study program accreditation in the fields of Agriculture, Forestry and Veterinary Medicine

**Business or sector:** Institutional and study program evaluation and quality assurance

April 2004 – February 2012 **Dean**  
 Faculty of Silviculture and Forest Engineering, Brasov, Romania ([www.unitbv.ro/silvic](http://www.unitbv.ro/silvic))

- Coordination of the faculty's educational and research activities

**Business or sector:** Higher education and research

**EDUCATION AND TRAINING**

1996-1998 **Doctor of Philosophy (PhD)** EQF level = 8  
 Brunel University (United Kingdom)

- Ecological and wood production investigations of the semi-natural beech-conifer mixtures in the Upper Dragan Watershed (North-West Romania)

1986-1991 **Forest Engineer (Head of 1991 Class)** EQF level = 6+7  
 Transilvania University of Brasov (Romania)

- Forestry

**PERSONAL SKILLS**

Mother tongue(s) Romanian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
French	A2	A2	A2	A2	A2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user  
[Common European Framework of Reference for Languages](#)

**Communication skills**

- Good communication skills gained through the experience in various national and international management positions

Organisational / managerial skills

- 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

Job-related skills

Solid knowledge and expertise in forestry (forest seed and nursery production, afforestation), 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

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Levels: Basic user - Independent user - Proficient user  
[Digital competences - Self-assessment grid](#)

- Good command of:
- MS Office
  - Adobe Photoshop;
  - UNISTAT; MINITAB

Other skills

- Specific training in:
- organisation of higher education and research (with focus on forestry):
    - 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)
  - international cooperation:
    - 1998 EC TEMPUS (CME) PHARE Grant (England and Germany)

ADDITIONAL INFORMATION

<b>Publications</b>	16 books/book chapters (7 published abroad) and 129 articles published in Austria, Czech Republic, England, Italy, Japan, Neetherelands, Romania, Serbia, Switzerland, USA
<b>Presentations</b>	More than 100 presentations in national and international meetings and conferences
<b>Projects</b>	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, World Bank, USAID, USDA, DEFRA (UK), FAO, EBRD, PIN-MATRA, EEA.
<b>Conferences and seminars</b>	More than 100 national and international conferences and seminars
<b>Honours and awards</b>	<ul style="list-style-type: none"> <li>- <i>Doctor Honoris Causa</i> (2019) - "Henri Coanda" Airforce Academy (Romania)</li> <li>- <i>Honorary Visiting Professor</i> (2018) - University of Peradeniya (Sri Lanka)</li> <li>- <i>Doctor Honoris Causa</i> (2018) - National Forestry University Lviv (Ukraine)</li> <li>- <i>The People's Republic of China Friendship Award</i> (2016) - SAFEA -State Council (China)</li> <li>- <i>Doctor Honoris Causa</i> (2014) - Technical University of Moldova, Chisinau (Moldova)</li> <li>- <i>Doctor Honoris Causa</i> (2013) - University of Oradea (Romania)</li> <li>- <i>Invited Professor</i> (2012-2015) - Shenyang Jianzhu University (China)</li> <li>- <i>Doctor Honoris Causa</i> (2012) - University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca (Romania)</li> <li>- <i>Honorary Professor</i> (2011) - Buckinghamshire New University (UK)</li> <li>- <i>Doctor Honoris Causa</i> (2010) – University of Agricultural Sciences and Veterinary Medicine Timisoara (Romania)</li> <li>- <i>Ingeniero de Montes de Honor</i> (2009) - Universidad Politecnica de Madrid (Spain)</li> </ul>
<b>Memberships</b>	<ul style="list-style-type: none"> <li>- Corresponding Member of the Academy of Agricultural and Forestry Sciences (2019)</li> <li>- Member of the Forestry Academy of Scientists of Ukraine (2017)</li> <li>- Corresponding Member of the Academy of Romanian Scientists (2012)</li> <li>- Member of: <ul style="list-style-type: none"> <li>Conference of the Deans and Directors of European Forestry Faculties and Schools (ConDDEFFS)</li> <li>World Bank Technical Advisory Group for Forest Policy Implementation and Review Strategy</li> <li>International Union of Forest Research Organisations (IUFRO WG 6.13.00)</li> <li>Forest Stewardship Council</li> <li>Technical Commission for Forestry of the Ministry of Agriculture, Forests and Rural Development</li> </ul> </li> <li>- Member of the editorial/scientific board of: <ul style="list-style-type: none"> <li><i>Revista Pădurilor</i> (Bucharest, Romania),</li> <li><i>Notulae Scientia Biologicae</i> (Cluj-Napoca, Romania),</li> <li><i>Notulae Botanicae Horti Agrobotanici</i> (Cluj-Napoca, Romania),</li> <li><i>Annals of Forest Research</i> (Bucharest, Romania),</li> <li><i>Forestry Ideas</i> (Sofia, Bulgaria)</li> </ul> </li> </ul>
<b>Citations</b>	664 (without self-citations) in Web of Science and 1605 in Google Scholar (as of April 25 <sup>th</sup> , 2020)
<b>H Indexes</b>	14 (Web of Science), 14 (Scopus), 20 (Google Scholar)

## ANNEXES

[List of relevant publications / coordinated research](#)

**LIST OF RELEVANT PUBLICATIONS /RESEARCH (selection)**  
(the names of the coordinated PhD students and postdocs are underlined)

1. 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;
2. HALALISAN, A.F., POPA, B., HERAS-SAZARBITORIA, 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;
3. 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;
4. 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;
5. NITA, M.D., MUNTEANU, C., GUTMAN, G., ABRUDAN, I.V., RADELOFF, VC. (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;
6. 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;
7. MUNTEANU, C., NITA, M.D., ABRUDAN, I.V., RADELOFF, VC. (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;
8. 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;
9. 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;
10. 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;
11. 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;
12. 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;
13. 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;
14. 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;

15. 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;

16. 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);

17. 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;

18. STANCIOIU, P.T., ABRUDAN, I.V., DUTCA, I. (2010): The Natura 2000 ecological network and forests in Romania: implications on management and administration. In: *The International Forestry Review*, Volume 12, No.1, ISSN 14655489, pg.106-113;

19. ABRUDAN, I.V., MARINESCU, V., IONESCU, O., IORAS, F., HORODNIC, S.A., SESTRAS, R. (2009): Developments in the Romanian forestry and its linkages with other sectors. In: *Notulae Botanicae Horti Agrobotanici Cluj-Napoca*, Volume 37 Issue 2, ISSN 0255-965X, pg. 14-21;

20. IORAS, F., ABRUDAN, I.V. (2006). Romanian forestry sector: privatisation facts. In: *International Forestry Review*, Volume 8, No.3, ISSN 14655489, pg.361-367;

Signature:



Date: April, 2020