



Albert Ciceu

Data nașterii: [redacted] | **Cetățenie:** română | **Gen:** Masculin |
[redacted] | [redacted] | Skype: Albert Ciceu |

[redacted]

● **EDUCAȚIE ȘI FORMARE PROFESIONALĂ**

2008 – 2013 – Bacău, România

TEHNICIAN FINANCIAR – Liceul Economic "Ion Ghica"

2012 – 2017 – Bulevardul Mărăști 59, Bucharest, România

INGINER SILVIC – Universitatea de Științe Agronomice și Medicină Veterinară București

Domeniul (domeniile) de studiu

- Agricultură, silvicultură, piscicultură

2016 – 2019 – Bulevardul Regina Elisabeta 4-12, Bucharest, România

SPECIALIST GIS – Universitatea București Facultatea de Geografie

<https://en.unibuc.ro/>

08/07/2018 – 13/07/2018 – Valladolid, Spania

SCOALA DE VARĂ - MANAGEMENTUL DATELOR FORESTIERE – Institutul Forestier European

Principalele subiecte studiate:

- Statistică în R software
- Prelucrarea datelor provenite din LiDAR și TLS în R software

30/09/2019 – ÎN CURS – B-dul Eroilor nr. 29, Brasov, România

DOCTORAND – Universitatea Transilvania din Brasov

<https://www.unitbv.ro/>

30/08/2021 – 28/09/2021 – Nowoursynowska 166, Varșovia, Polonia

BURSĂ DE MOBILITATE ACADEMICĂ – Universitatea de Științe ale Vieții din Varșovia (SGGW)

<https://www.sggw.edu.pl/en/>

● **EXPERIENȚA PROFESIONALĂ**

31/07/2017 – 2019

INGINER ÎN CERCETARE – INSTITUTUL NAȚIONAL DE CERCETARE DEZVOLTARE ÎN SILVICULTURĂ "MARIN DRĂCEA"

www.icas.ro | Bd. Eroilor 128, 077190, Voluntari, Romania, Bucuresti, România

● **COMPETENȚE LINGVISTICE**

Limbă(i) maternă(e): **ROMÂNĂ**

Altă limbă (Alte limbi):

	COMPREHENSIUNE		VORBIT		SCRIS
	Comprehenșiune orală	Citit	Exprimare scrisă	Conversație	
ENGLEZĂ	C2	C2	C1	C1	C1
FRANCEZĂ	A2	B1	A1	A1	A2

Niveluri: A1 și A2 Utilizator de bază B1 și B2 Utilizator independent C1 și C2 Utilizator experimentat

● **COMPETENȚE DIGITALE**

Competențele mele digitale

R Statistics | R R Studio R Markdown | IBM SPSS | Utilizator independent ArcGIS QGIS | Python - basic level | Microsoft Office

● **COMPETENȚE ORGANIZATORICE**

Competențe organizatorice

Dețin bune competențe organizaționale dobândite ca responsabil a unor pachete de lucru.

● **COMPETENȚE DE COMUNICARE ȘI INTERPERSONALE**

Competențe de comunicare și interpersonale

Sociabil cu abilități de comunicare foarte bune dobândite în urma activității mele într-un mediu multi-național.

● **COMPETENȚE DOBÂNDITE LA LOCUL DE MUNCĂ**

Competențe dobândite la locul de muncă

- Dezvoltarea și aplicarea algoritmilor de calcul pentru noul program destinat amenajării pădurilor
- Obținerea și modelarea datelor provenite din inventarieri forestiere

- Modelarea datelor provenite din monitoarele de ozon pentru programul de monitorizare a ecosistemelor forestiere.
- Prelucrări statistice, manipularea și vizualizarea datelor
- Îmbunătățirea elaborării articolelor științifice

● PROIECTE

Proiecte

- EOROFORMON, contract nr. 90/09.09.2016, ID P_37_651, COD SMIS 105058 - Proiectarea unui sistem prototip de monitorizare și prognoză bazat pe tehnici moderne ale teledetecției (Earth Observation) pentru pădurile din România.
- PN 19070101, Dinamica pe termen lung a stării unor ecosisteme forestiere reprezentative din arii protejate (siturile LTER Retezat, Bucegi-Piatra Craiului și Parcul Natural Lunca Mureșului)
- PN 19070102, Monitorizarea ecosistemelor forestiere din România în concordanță cu sistemele de supraveghere forestieră adoptate la nivel European (Nivel I și II)
- PN 19070103, Optimizarea sistemului de organizare și conducere structurală a pădurilor în scopul asigurării gestionării durabile a acestora
- PN 19070109, Aplicarea unor tehnici de teledetecție pentru un management integrat al ecosistemelor forestiere
- Land use land change and forestry (LULUCF)

● PUBLICAȚII

Data collection methods for forest inventory: A comparison between an integrated conventional equipment and terrestrial laser scanning

Apostol, B., Chivulescu, S., Ciceu, A., Petrila, M., Pascu, I.S., Apostol, E.N., Leca, Ș., Lorent, <http://www.afrjournal.org/index.php/afr/article/view/1189> – 2018

Apostol, B., Chivulescu, S., Ciceu, A., Petrila, M., Pascu, I.S., Apostol, E.N., Leca, Ș., Lorent, A., Tănase, M., Badea, O., 2018. Data collection methods for forest inventory: A comparison between an integrated conventional equipment and terrestrial laser scanning. Ann. For. Res. <https://doi.org/10.15287/afr.2018.1189>

Predictors of wood quality of trees in primary forests in the Southern Carpathians

http://www.agricultforest.ac.me/data/20191215-09_Chivulescu.pdf – 2019

Chivulescu, S., Leca, S., Ciceu, A., Pitar, D., Apostol, B., 2019. Predictors of wood quality of trees in primary forests in the Southern Carpathians. Agric. For. <https://doi.org/10.17707/AgricultForest.65.4.09>

Structural Features of Old Growth Forest from South Eastern Carpathians, Romania

https://hrcak.srce.hr/index.php?show=clanak&id_clanak_jezik=336743 – 2019

Cristea, V., Leca, S., Ciceu, A., Chivulescu, S., Badea, O., 2019. Structural features of Old Growth forest from South Eastern Carpathians, Romania. South-East Eur. For. <https://doi.org/10.15177/SEEFOR.19-13>

Synthetic aperture radar sensitivity to forest changes: A simulations-based study for the Romanian forests

<https://www.sciencedirect.com/science/article/pii/S0048969719330670> – 2019

Tanase, M.A., Villard, L., Pitar, D., Apostol, B., Petrila, M., Chivulescu, S., Leca, S., Borlaf-Mena, I., Pascu, I.S., Dobre, A.C., Pitar, Daniel, Guiman, G., Lorent, A., Anghelus, C., Ciceu, A., Nedea, G., Stanculeanu, R., Popescu, F., Aponte, C., Badea, O., 2019. Synthetic aperture radar sensitivity to forest changes: A simulations-based study for the Romanian forests. Sci. Total Environ. <https://doi.org/10.1016/j.scitotenv.2019.06.494>

Species discrimination and individual tree detection for predicting main dendrometric characteristics in mixed temperate forests by use of airborne laser scanning and ultra-high-resolution imagery

<https://www.sciencedirect.com/science/article/pii/S0048969719340513> – 2020

Apostol, B., Petrila, M., Lorent, A., Ciceu, A., Gancz, V., Badea, O., 2020. Species discrimination and individual tree detection for predicting main dendrometric characteristics in mixed temperate forests by use of airborne laser scanning and ultra-high-resolution imagery. *Sci. Total Environ.* <https://doi.org/10.1016/j.scitotenv.2019.134074>

Development phases and structural characteristics of the Penteleu Viforâta virgin forest in the Curvature Carpathians

<http://www.sisef.it/iforest/contents/?id=ifor3094-013> – 2020

Chivulescu, S., Ciceu, A., Leca, S., Apostol, B., Popescu, O., Badea, O., 2020. Development phases and structural characteristics of the Penteleu Viforâta virgin forest in the Curvature Carpathians. *IForest.* <https://doi.org/10.3832/ifor3094-013>

Climate change effects on tree growth from Romanian forest monitoring Level II plots

<https://www.sciencedirect.com/science/article/pii/S0048969719341063> – 2020

Ciceu, A., Popa, I., Leca, S., Pitar, D., Chivulescu, S., Badea, O., 2020. Climate change effects on tree growth from Romanian forest monitoring Level II plots. *Sci. Total Environ.* <https://doi.org/10.1016/j.scitotenv.2019.134129>

A generalized nonlinear mixed-effects height-diameter model for Norway spruce in mixed-uneven aged stands

<https://www.sciencedirect.com/science/article/pii/S0378112720312767> – 2020

Ciceu, A., Garcia-Duro, J., Seceleanu, I., Badea, O., 2020. A generalized nonlinear mixed-effects height-diameter model for Norway spruce in mixed-uneven aged stands. *For. Ecol. Manage.* <https://doi.org/10.1016/j.foreco.2020.118507>

Growth Relationships in Silver Fir Stands at Their Lower-Altitude Limit in Romania

<https://www.mdpi.com/1999-4907/12/4/439> – 2021

Tudoran, G.M., Cicşa, A., Ciceu, A., Dobre, A.C., 2021. Growth Relationships in Silver Fir Stands at Their Lower-Altitude Limit in Romania. *Forests.* <https://doi.org/10.3390/f12040439>

Modeling the Diameter Distribution of Mixed Uneven-Aged Stands in the South Western Carpathians in Romania

<https://www.mdpi.com/1999-4907/12/7/958> – 2021

Ciceu, A., Pitar, D., Badea, O., 2021. Modeling the Diameter Distribution of Mixed Uneven-Aged Stands in the South Western Carpathians in Romania. *Forests.* <https://doi.org/10.3390/f12070958>

Determining an Accurate and Cost-Effective Individual Height-Diameter Model for Mongolian Pine on Sandy Land

<https://www.mdpi.com/1999-4907/12/9/1144> – 2021

Han, Y., Lei, Z., Ciceu, A., Zhou, Y., Zhou, F., Yu, D., 2021. Determining an Accurate and Cost-Effective Individual Height-Diameter Model for Mongolian Pine on Sandy Land. *Forests.* <https://doi.org/10.3390/f12091144>

Shifts in Forest Species Composition and Abundance under Climate Change Scenarios in Southern Carpathian Romanian Temperate Forests

<https://www.mdpi.com/1999-4907/12/11/1434> – 2021

García-Duro, J., Ciceu, A., Chivulescu, S., Badea, O., Tanase, M.A., Aponte, C., 2021. Shifts in Forest Species Composition and Abundance under Climate Change Scenarios in Southern Carpathian Romanian Temperate Forests. *Forests*. <https://doi.org/10.3390/f12111434>

Simulating tree growth response to climate change in structurally diverse oak and beech forests

<https://www.sciencedirect.com/science/article/pii/S0048969721054991> – 2022

de Wergifosse, Louis, André, F., Goosse, H., Boczon, A., Cecchini, S., Ciceu, A., Collalti, A., Cools, N., D'Andrea, E., De Vos, B., Hamdi, R., Ingerslev, M., Knudsen, M.A., Kowalska, A., Leca, S., Matteucci, G., Nord-Larsen, T., Sanders, T.G., Schmitz, A., Termonia, P., Vanguelova, E., Van Schaeybroeck, B., Verstraeten, A., Vesterdal, L., Jonard, M., 2022. Simulating tree growth response to climate change in structurally diverse oak and beech forests. *Sci. Total Environ.* <https://doi.org/10.1016/j.scitotenv.2021.150422>

● PREZENTĂRI ȘI POSTERE

20/05/2018 – 22/05/2018

Crown defoliation on tree growth rates recorded at the Romanian level II plots

Ciceu, A., Dobre, A., Leca, S., Badea, O. (2018). Crown defoliation on tree growth rates recorded at the Romanian level II plots. Poster. 7th ICP Forests Scientific Conference 21-23 May, Riga, Latvia.

20/05/2018 – 24/05/2018

Radial growth response to ozone exposure and uptake of sessile oak (*Quercus petraea*) in Mihaiesti Level II Forest Monitoring plot, Romania

Leca, S., Pitar, D., Ciceu, A., Popa, I., Apostol, E., Badea, O. (2018). Radial growth response to ozone exposure and uptake of sessile oak (*Quercus petraea*) in Mihaiesti Level II Forest Monitoring plot, Romania. Poster. International Conference on Ozone and Plant Ecosystems, 21-25 May 2018, Florence, Italy.

17/09/2018 – 20/09/2018

Climate change effects on tree growth from Romanian ICP-Forests Level II plots

Badea, O., Popa, I., Leca, S., Silaghi, D., Ciceu, A. (2018). Climate change effects on tree growth from Romanian ICP-Forests Level II plots. Presentation. International Scientific Conference Forest Science for a Sustainable Forestry and Human Wellbeing in a Changing World - INCDS Marin Drăcea 85 Years of Activity, Centenary of The Great Union, September 18th -21st 2018, Bucharest, Romania

17/09/2018 – 20/09/2018

Towards an integrated monitoring system from Earth-Observation data for the Romanian forests

Tanase, M., Silaghi, D., Aponte, C., Apostol, B., Petrila, M., Leca, S., Chivulescu, M., Guiman, Gheorghe., Borlaf-Mena, I., Pascu, I. S., Dobre, A., Lorent, A., Anghelus, C., Ciceu, A., ...& Badea, O. (2018). Towards an integrated monitoring system from Earth-Observation data for the Romanian forests. Presentation. International Scientific Conference Forest Science for a Sustainable Forestry and Human Wellbeing in a Changing World - INCDS Marin Drăcea 85 Years of Activity, Centenary of The Great Union, September 18th -21st 2018, Bucharest, Romania

10/06/2019 – 12/06/2019

Species adaptability to drought quantified by crown condition resilience components in the Romanian Level I monitoring network

Ciceu, A., Leca, S., Sidor, C., Popa, I., Chivulescu, S., Pitar, D., Badea, O. (2019). Species adaptability to drought quantified by crown condition resilience components in the Romanian Level I monitoring network. Presentation. 8th ICP Forests Scientific Conference, 11-13 Jun 2019, Ankara, Turkey.

27/09/2019 – 04/10/2019

Ex situ conservation of European beech (*Fagus sylvatica* L.) in Romania

Apostol, E., Budeanu, M., Tudoroiu, M., Ciuvat, C., Ivan, R., Leca, S., Ciceu, A. (2019). Ex situ conservation of European beech (*Fagus sylvatica* L.) in Romania. Presentation. XXV IUFRO World Congress Forest Research and Cooperation for Sustainable Development, 28 Sept -05 Oct 2019, Curitiba, Brazil.

15/10/2020 – 16/10/2020

Modelling site index curves and Romanian yield tables variables

Ciceu, A., García-Duro, J., Badea, Ovidiu. (2020). Modelling site index curves and Romanian yield tables variables. Presentation. 9th International Symposium Forest and Sustainable Development 16-17 Oct 2020, Brasov, Romania.

27/10/2021

Age-independent diameter increment models for Norway spruce, European beech and silver fir in mixed-uneven aged stands

Ciceu, A., Bronisz, K., García-Duro, J., Badea, Ovidiu. (2021). Age-independent diameter increment models for Norway spruce, European beech and silver fir in mixed-uneven aged stands. Presentation. 5th Edition of the International Conference Integrated Management of Environmental Resources - Suceava, October 28th, 2021.