

Author: Assoc. Prof. Dr. ONET AURELIA

Habilitation thesis title: Study of the environmental factors quality and of microbial activities in ecosystems

Domain: ENVIRONMENTAL ENGINEERING

## PUBLICATIONS LIST

### RELEVANT PAPERS

1. **Onet Aurelia**, Roxana Vidican, Carmen Ghergheles, Larisa Corcoz, Vlad Stoian, Cristian Onet, Alin Cristian Teusdea, *Soil Properties and Forest Decline in the North-Western Part of Romania*, Forest, 2024, 15(1), <https://www.mdpi.com/1999-4907/15/1/124>
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3. **Onet Aurelia**, Radu Brejea, Lucian Dincă, Raluca Enescu, Cristian Onet, Emanuel Besliu, 2022, *Evaluation of Biological Characteristics of Soil as Indicator for Sustainable Rehabilitation of a Post-Bauxite-Mining Land*, Diversity 2022, 14(12), 1087; [WOS:000902739400001](https://www.mdpi.com/1424-2818/14/12/1087). <https://www.mdpi.com/1424-2818/14/12/1087>
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6. Dincă L., **Onet Aurelia**, Samuel A.D., Tognetti R., Uhl E., Bosela M., Gömöryová E., Bielak K., Skrzyszewski J., Hukić E., Zlatanov T., Dios-García J, Tonon G., Giammarchi F., Svoboda M., Dobor L., Rolando L., Rauseo J., Pescatore T., Garbini G., Visca A., Patrolecco L., Caracciolo A., Grenni P., 2021, *Microbial soil biodiversity in beech forests of European mountains*, Canadian Journal of Forest Research Volume 51, Number 12, December, pp 1833-1845. WOS:000733762600009. <https://cdnsiencepub.com/doi/10.1139/cjfr-2020-0139>
7. Crisan V.E., Dinca L.C., **Onet Aurelia**, Braga C.I., Enescu R.E., Teusdea A., Onet C., 2021, *Impact of windthrows disturbance on chemical and biological properties of the forest soils from Romania*, Environmental Engineering and Management Journal. Vol. 20, No. 7, 2579-2586. WOS:000677483000012. [http://www.eemj.icpm.tuiasi.ro/pdfs/vol20/no7/Full/12\\_139\\_Crisan\\_20.pdf](http://www.eemj.icpm.tuiasi.ro/pdfs/vol20/no7/Full/12_139_Crisan_20.pdf)
8. **Onet Aurelia**, Dorina Camelia Ilieș, Alexandru Ilieș, Grigore Vasile Herman, Ligia Burtă, Florin Marcu, Raluca Buhaș, Tudor Caciora, Ștefan Baias, Cristian Onet, Marin Ilieș, Andreea Lincu, 2020. *Indoor air quality assessment and its perception. Case study-historic wooden church*, Romania, Romanian Biotechnological Letters, Vol. 25 No. 3, pp1547-1553. WOS:000539568900005. <https://rombio.unibuc.ro/wp-content/uploads/2022/04/25-3-5.pdf>

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1. **Oneț Aurelia**, 2020, *Environmental microbiology*, Transilvania University of Brasov Publishing House, pg. 205;
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6. Laslo Vasile, **Oneț Aurelia**, 2007, *Food industry biotechnologies: practical works*, University of Oradea Publishing House, ISBN 978-973-759-264-4, pg. 164;
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1. Editors: Dincă L., Miglena Zhiyanski, *Forest Management and Biodiversity Conservation, Special Issue Reprint, Diversity 2023*. **Aurelia Oneț**, Radu Brejea, Lucian Dincă, Raluca Enescu, Cristian Oneț, Emanuel Besliu, 2022, *Evaluation of Biological Characteristics of Soil as Indicator for Sustainable Rehabilitation of a Post-Bauxite-Mining Land*, pp 311-321, ISBN 978-3-0365-9414-9 (Hbk) ISBN 978-3-0365-9415-6 (PDF) doi.org/10.3390/books978-3-0365-9415-6.

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1. **Onet Aurelia**, Roxana Vidican, Carmen Ghergheles, Larisa Corcoz, Vlad Stoian, Cristian Onet, Alin Cristian Teusdea, *Soil Properties and Forest Decline in the North-Western Part of Romania*, Forest, 2024, 15(1), <https://www.mdpi.com/1999-4907/15/1/124>
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#### Awards

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4. International U.A.B. - B.E.N.A CONFERENCE, Environmental Engineering and Sustainable Development, „ 1 Decembrie 1918” UNIVERSITY OF ALBA IULIA, ROMANIA, 25-27 May, 2017, 2<sup>nd</sup> Prize for Poster în the presentation session: *EFFECTS OF POLLUTION ON HEALTH-CELL BIOLOGY AND MOLECULAR MEDICINE PERSPECTIVES*: **A. Onet**, D.C. Ilieș, J. Wendt, S. Buhaș, D. Rahotă, A. Ilieș, S. Baias, F. Marcu.

5. International U.A.B. - B.E.N.A CONFERENCE, Environmental Engineering and Sustainable Development, „ 1 Decembrie 1918” UNIVERSITY OF ALBA IULIA, ROMANIA, 25-27 May, 2017, 3<sup>rd</sup> Prize for Poster în the presentation session: *FOOD SAFETY, FOOD QUALITY AND AUTHENTICATION OF FOOD PRODUCTS*: C. Onet, A. Teușdea, **A. Onet**, E. Pantea, V. Laslo, T. Romocea, E. Agud.

6. Certificate of Attendance for successfully participated the SEMINAR „Agenda 2030, Food Issue and European integration – From linear economy to

*circular economy*”organized by SIMONE CESARETTI FOUNDATION, within the 6<sup>th</sup> International Conference „Environmental Engineering and Sustainable Development” in University of Alba Iulia, Romania, at 26 May 2017.

7. Certificate of Attendance for contribution to the International U.A.B. - B.E.N.A CONFERENCE, Environmental Engineering and Sustainable Development, „1 Decembrie 1918” UNIVERSITY OF ALBA IULIA, ROMANIA, 25-27 May, 2017.

8. Diploma of Merit for the book published in the year 2011 entitled **Oneț Aurelia**, 2011, *Microbiological activity in agroecosystems and natural ecosystems from Câmpia Crișurilor*, University of Oradea Publishing House 11.04.2012, Oradea, Romania.

9. Diploma of Merit on the occasion of the anniversary of 45 years of agricultural research in the field of crop irrigation in northwestern Romania, Department of Environmental Engineering, Faculty of Environmental Protection, University of Oradea, 11.12.2012, Oradea, Romania.

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