

# Europass Curriculum Vitae



## Personal information

First name(s) /  
Surname(s) **VOSGAN ZORICA MARCELA**  
Address(es) 318, Surdesti, Maramures, Romania  
Telephone(s) Mobil: 0749838509  
E-mail zori\_v13@yahoo.com  
Nationality Romanian  
Date of birth 13.02.1985  
Gender Female

## Desired employment / Occupational field

### Work experience

Dates 2009-actual  
Occupation or position held Laboratory Assistant, Assistant Professor PhD  
Main activities and responsibilities Teaching activities - laboratory work  
Name and address of employer Technical University of Cluj Napoca, North University Center of Baia Mare, Faculty of Sciences, Victoriei Str. 76 A, Baia Mare, România  
Type of business or sector Teaching in the fields of Microbiology, Ecology, General Chemistry.

## Education and training

Dates 2010-2013  
2008-2010;  
2004-2008;  
2000-2004  
Title of qualification awarded PhD in Agronomy Field, Specialization Microbiology  
Dissertation Diploma in Methods of analysis used in environmental and product quality control  
Licensed Diploma in Biology – Chemistry  
Diploma bacalaureat- specialization Natural Sciences  
Name and type of organisation providing education and training University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca  
North University of Baia Mare  
North University of Baia Mare  
Industrial School Group Cavnic

**Personal skills and competences**

Mother tongue(s)

Other language(s)

Social skills and competences

Computer skills and competences

Driving licence

**Additional Information**

**Publications**

**Book**

**Papers published rank journals (ISI)**

**Papers published in journals indexed in databases**

**Romanian**

French, English

Communications skills, team spirit, respect for others.

Good command of Microsoft Office tools (Word, Excel and PowerPoint)

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1 book

22 scientific papers

19 papers presented at symposiums and conferences

**Thomas DIPPONG, Cristina MIHALI, Zorica VOȘGAN**, Sensorial analysis of foodstuffs, Ed. Risoprint, Cluj Napoca, 2014.

**1. Flavia POP, Liviu GIURGIULESCU, Anca DUMUȚA, Zorica VOȘGAN**, The Influence of Frozen Storage on Fatty Acids Composition for Alimentary Animal Fats, *STUDIA UBB CHEMIA*, LVIII, 3, 2013 (p. 31-38).

**2. Flavia POP, Liviu GIURGIULESCU, Anca DUMUȚA, Zorica VOȘGAN**, Assessment of Lipolytic and Oxidative Changes in Fish Oil Stored under Refrigeration and Freezing, *Revista de Chimie, București*, 64 (11), 2013 (p. 1372-1376).

**3. Anca DUMUȚA, Liviu GIURGIULESCU, Leonard MIHALY-COZMUTA, Zorica VOȘGAN**, Physical and Chemical Characteristics of Milk. Variation due to Microwave Radiation, *Croat. Chem. Acta* 84 (3), 2011 429-433, ISSN 0011-1643, e-ISSN 1334-417X.

**1. Zorica VOȘGAN, Roxana VIDICAN, Lucia MIHALESCU, Oana MARE ROȘCA, Monica MARIAN, Beatrice SZILAGYI**, The Effect of Grazing on the Production of Grasslands in Hilly Areas, *Bulletin USAMV series Agriculture* 71(2)/2014, p. 369-372.

**2. Pop Flavia, Voșgan Zorica**, Changes in the quality of alimentary animal fats due to storage conditions, *Journal of Agroalimentary Processes and Technologies* 2013, 19(1), p. 37-42, ISSN (print): 2069-0053, ISSN (online): 2068-9551.

**3. Lucia MIHALESCU, Oana MARE ROȘCA, Zorica VOȘGAN, Monica MARIAN, Aurel MAXIM, Mirela CORDEA**, Chemical Control of Scab (*Venturia inaequalis*) in the Seini Fruit Basin, *Bulletin UASMV serie Agriculture* 70(1)/2013, p.75-79 Print ISSN 1843-5246; Electronic ISSN 1843-5386.

**4. Oana MARE ROȘCA, Lucia MIHALESCU, Zorica VOȘGAN, Monica MARIAN**, Measures for Improving the Quality of Watercourses in the Impact Area of the Baia Mare Industrial Perimeter, *Bulletin UASMV serie Agriculture* 70(1)/2013, p.403-407 Print ISSN 1843-5246; Electronic ISSN 1843-5386.

**5. Zorica VOȘGAN, Roxana VIDICAN, Anca DUMUTA**, Preliminary Study Regarding the Quality Status of Soil Resources in a Rural Environment, *ProEnvironment* 5(11) /2012, p.149-152, pISSN: 1844 – 6698; eISSN: 2066 – 1363.

6. **Zorica VOȘGAN, Roxana VIDICAN, Monica MARIAN, Lucia MIHALESCU, Oana MARE ROSCA, Anca DUMUTA**, Research Regarding Vegetal Associations Specific To Mountain Meadow, *Bulletin UASVM Agriculture*, 69(1)/2012, p. 201-206, Print ISSN 1843-5246; Electronic ISSN 1843-5386.

7. **Zorica VOȘGAN, Monica MARIAN, Anca PETER, Camelia NICULA, Anca MIHALY-COZMUTA, Leonard MIHALY-COZMUTA**, The qualitative and quantitative microbiota structure identified in the Bozanta Mare tailing pond, *Studia Universitatis "Vasile Goldiș", Seria Științele Vieții*, 22(1), 2012, p. 137-141. ISSN: 1584-2363; e-ISSN: 1842-7863.

8. **Oana MARE ROȘCA, Lucia MIHALESCU, Zorica VOȘGAN, Monica MARIAN, Anca DUMUTA, Aurel MAXIM**, Longitudinal distribution of Ephemeroptera communities for the Sasar river and its major tributaries în Bulletin UASVM Agriculture, 69(2) (2012): 92-97, Print ISSN 1843-5246; Electronic ISSN 1843-5386.

9. **Lucia MIHALESCU, Oana MARE ROȘCA, Monica MARIAN, Zorica VOȘGAN, Anca DUMUTA, Mirela CORDEA, Aurel MAXIM**, Influence of lead and cadmium on some physiologic indices of *Allium cepa*, în Bulletin UASVM Agriculture, 69(1) (2012):. 195-200, Print ISSN 1843-5246; Electronic ISSN 1843-5386.

10. **Anca Dumuța, Zorica Voșgan, Lucia Mihalescu, Oana Roșca, Florin Boltea**, Study concerning the influence of microwave treatment on raw milk freezing point, *Journal of Agroalimentary Processes and Technologies*, 2012, 18(3), p. 191-194, ISSN (online): 2068-9551.

11. **Anca Dumuța, Zorica Voșgan, Lucia Mihalescu, Oana Roșca, Florin Boltea**, Microwave effects on milk investigated by the bacterioscopic analysis, *Journal of Agroalimentary Processes and Technologies*, 2012, 18(2), p. 155-160, ISSN (online): 2068-9551.

12. **Stela-Gabriela JELEA , Marian JELEA , Radu HOTEA , Zorica VOȘGAN**, Assessment of the evolution of anthropometric indicators in students with sports program, *Studia Universitatis "Vasile Goldiș", Seria Științele Vieții*, 22(3), 2012, p. 403-409.

13. **Zorica VOȘGAN, Roxana VIDICAN , Stela JELEA, Monica MARIAN, Lucia MIHALESCU, Oana MARE ROSCA**, Characterization of a Typical Districambosol Soil from the Gutai Mountains – North of Romania, *Bulletin UASVM Agriculture*, 68(1)/2011, p. 384-387, Print ISSN 1843-5246; Electronic ISSN 1843-5386.

14. **Lucia MIHALESCU, Oana MARE ROSCA, Monica MARIAN, Zorica VOȘGAN, Aurel MAXIM, Mirela CORDEA**, Influence of Iron on Respiration in Corn (*Zea Mays*) Seedlings, *Bulletin UASVM Agriculture*, 68(1)/2011, p. 212-215, Print ISSN 1843-5246; Electronic ISSN 1843-5386.

15. **Oana MARE ROSCA, Lucia MIHALESCU, Aurel MAXIM, Zorica VOȘGAN, Monica MARIAN**, Distribution of Water Quality in the Sasar River Basin According to the EPT (*Ephemeroptera, Plecoptera, Trichoptera*) Zoobenthos Bioindicators, *Bulletin UASVM Agriculture*, 68(2)/2011, p. 76-81, Print ISSN 1843-5246; Electronic ISSN 1843-5386.

16. **Monica MARIAN, Anca PETER, Lucia MIHALESCU, Zorica VOȘGAN, Georgeta MATEI**, Allelopathic potential of *Asarum europaeum* toward *Lycopersicon esculentum*, *Analele Universității din Oradea - Fascicula Biologie, Tom. XVIII, Issue: 1, 2011*, p. 39-44, Print-ISSN: 1224-5119, e-ISSN: 1844-7589, CD-ISSN: 1842-6433

**17. Gabriela OPREA, Cristina MIHALI, Angela MICHNEA, Marin SENILA, Ionel GOGOASA and Zorica VOȘGAN**, Assessment of Lead and Cadmium Content in the Soils and Plants in Industrial Area, *American Journal of Environmental Sciences* 7 (5): 402-408, 2011, ISSN 1553-345X

**Papers published in academic journals**

1. **Zorica VOȘGAN, Gabriela ABRUDAN, Mirel BRÂNDUȘAN, Marian JELEA**, The moulds microflora developed on fruits, *Carpathian Journal of Food Science and Technology*, 2(1) 2010, p.29-36.

2. **Zorica VOȘGAN, Daniela MUREȘAN, Marian JELEA**, Microflora aspects of fungi on meat and meat products, *Carpathian Journal of Food Science and Technology*, 2(2) 2010, p. 13-19, ISSN 2066-6845.

**Papers presented at symposiums and conferences**

1. **Zorica VOȘGAN, Roxana VIDICAN, Lucia MIHALESCU, Oana MARE ROȘCA, Beatrice SZILAGYI, Laura IGNAT, Roxana IGNAT**, The Economic Importance of Plants that are Specific to a Mountain Pastures, *Bulletin USAMV series Agriculture* 71(2)/2014, Print ISSN 1843-5262; Electronic ISSN 1843-536X.

2. **Zorica VOȘGAN, Roxana VIDICAN, Lucia MIHALESCU, Oana MARE ROȘCA, Monica MARIAN, Anca DUMUȚA**, Valuation of the grassland production of Șurdești village, Maramureș County, The 12th International Symposium "PROSPECTS FOR 3rd MILLENNIUM AGRICULTURE", 26-28 September 2013, Cluj Napoca.

3. **Zorica VOȘGAN, Roxana VIDICAN, Lucia MIHALESCU, Oana MARE ROȘCA, Monica MARIAN, Anca DUMUȚA**, The influence of soil trophicity on the number of species in mountain meadow phytocoenosis, The 12th International Symposium "PROSPECTS FOR 3rd MILLENNIUM AGRICULTURE", 26-28 September 2013, Cluj Napoca.

4. **Lucia MIHALESCU, Oana MARE ROȘCA, Zorica VOȘGAN, Monica MARIAN, Mirela CORDEA, Aurel MAXIM**, Survey of the variability of some morphologic human characters, The 12th International Symposium "PROSPECTS FOR 3rd MILLENNIUM AGRICULTURE", 26-28 September 2013, Cluj Napoca.

5. **Oana MARE ROȘCA, Lucia MIHALESCU, Zorica VOȘGAN, Monica MARIAN**, Description of pollution sources from the slopes on the Săsar river Basin, The 12th International Symposium "PROSPECTS FOR 3rd MILLENNIUM AGRICULTURE", 26-28 September 2013, Cluj Napoca.

6. **Oana MARE ROȘCA, Lucia MIHALESCU, Monica MARIAN, Zorica VOȘGAN**, Analysis and interpretation of structure and diversity of some macrozoobenthic communities using mathematic indices, The 9th International Conference on Applied Mathematics, September 25-28, 2013, Baia Mare, Romania, p.84-85, ISBN 978-606-93094-8-3.

7. **Zorica VOȘGAN, Roxana VIDICAN, Monica MARIAN, Lucia MIHALESCU, Oana MARE ROȘCA, Anca DUMUȚA**, Ecological Characterization (According to U,T,R) of *Festuco rubrae – Agrostietum capillaris* Horvat 1951 Association on the Pasture of Surdești Village, Maramures County, The 11th International Symposium PROSPECTS FOR THE 3th MILLENNIUM AGRICULTURE, University of Agricultural Sciences and Veterinary Medicine, 27 September-29 September 2012.

**8. Oana MARE ROȘCA, Lucia MIHALESCU, Zorica VOȘGAN, Monica MARIAN, Anca DUMUTA, Aurel MAXIM**, Characterization of Sasar and Firiza rivers quality on specific toxic pollutants regime (metals). The 11 th International Symposium PROSPECTS FOR THE 3th MILLENNIUM AGRICULTURE, University of Agricultural Sciences and Veterinary Medicine, Cluj-Napoca, 27 September-29 September 2012.

**9. Lucia MIHALESCU, Oana MARE ROȘCA, Zorica VOȘGAN, Anca DUMUTA, Mirela CORDEA, Aurel MAXIM**, Chemical control of grapevine main pathogens under the climate conditions of Baia Mare. The 11 th International Symposium PROSPECTS FOR THE 3th MILLENNIUM AGRICULTURE, University of Agricultural Sciences and Veterinary Medicine, Cluj-Napoca, 27 September-29 September 2012.

**10. Zorica VOȘGAN, Roxana VIDICAN, Monica MARIAN, Lucia MIHALESCU, Oana MARE ROȘCA**, The impact of grazing on the grasslands of Gutai, Northern branch of the Carpathians, European Vegetation Survey, 21<sup>st</sup> Workshop, Vienna, 21-27 May, 2012.

**11. Zorica VOȘGAN, Roxana VIDICAN, Monica MARIAN, Lucia MIHALESCU, Stela JELEA, Oana MARE ROSCA**, Researches Regarding the Vegetation of Surdesti Village, Maramures Country, *Bulletin UASVM Agriculture*, 68(1)/2011, p. 436, Print ISSN 1843-5246; Electronic ISSN 1843-5386.

**13. Lucia MIHALESCU, Oana MARE ROSCA, Monica MARIAN, Zorica VOȘGAN, Aurel MAXIM, Mirela CORDEA**, Influence of Lead on the Germination Process in *Zea Mays*, *Bulletin UASVM Agriculture*, 68(1)/2011, p. 419, Print ISSN 1843-5246; Electronic ISSN 1843-5386.

**14. Oana MARE ROSCA, Lucia MIHALESCU, Aurel MAXIM, Zorica VOȘGAN, Monica MARIAN**, The Advantages of Using Biological Methods in Assessing of Flowing Water Quality Rivers, *Bulletin UASVM Agriculture*, 68(2)/2011, p. 163, Print ISSN 1843-5246; Electronic ISSN 1843-5386.

**15. Zorica VOȘGAN, Delia BOLTEA**, The reintroduction of the microflora biodiversity sterile waste dumps, 19<sup>th</sup> EVS Workshop „Flora, vegetation, environment and land-use at large scale” University of Pécs, Hungary, 29 April- 2 May 2010, p.66, ISBN 978-963-642-328-5.

**16. Lucia MIHALESCU, Zorica VOȘGAN, Oana MARE ROSCA, Oana DANCI**, The ornamental, aromatic and edible vegetal species from Lapus region (Transylvania), 19<sup>th</sup> EVS Workshop „Flora, vegetation, environment and land-use at large scale” University of Pécs, Hungary, 29 April- 2 May 2010, p. 89, ISBN 978-963-642-328-5.

**17. Zorica VOȘGAN, Anca DUMUTA, Liviu GIURGIULESCU**, Aspects regarding the fungal microflora of some vegetal foodstuffs, 10<sup>th</sup> International Symposium and Summer School on Bioanalysis, Zagreb, Croatia, July 2010, p. 84.

**18. Anca DUMUTA, Liviu GIURGIULESCU, Zorica VOȘGAN**, The microwaves action against the pathogenes *Escherichia coli* and *Staphylococcus aureus* present in raw milk, 10<sup>th</sup> International Symposium and Summer School on Bioanalysis, Zagreb, Croatia, July 2010 , p. 85.

**19. Cristina MIHALI, Gabriela OPREA, Angela MICHNEA, Marin ȘENILA, Ionel GOGOĂȘĂ, Claudia BUTEAN, Zorica VOȘGAN**, Correlation between Cadmium and Lead Content in the Soils and Plants in Baia Mare Area, 14<sup>th</sup> International Conference of Physical Chemistry, ROMPHYSICHEM, June 2-4, 2010, Bucharest, Romania.

**Other activities**

Participation in Summer School – 10th International Symposium and Summer School on Bioanalysis, 7 - 14 iulie 2010, Zagreb, Croatia.

08.12.2014

Assistant Professor PhD Voşgan Zorica Marcela