

**EUROPEAN
CURRICULUM VITAE
FORMAT**



PERSONAL INFORMATION

Name MARIAN MONICA LILIANA
Address Piata 25 Octombrie Str., bloc 7 ap.4, Satu Mare, Satu Mare County, Romania
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E-mail moni_marian@hotmail.com nitella_ro@yahoo.com
Nationality Romanian
Date of birth 17.02.1968

WORK EXPERIENCE

a) scientific research

- Dates 1993-2008
- Name and address of employer The North University of Baia Mare, 62 Victor Babes str. Baia Mare, Romania
- Type of business or sector Didactic activity in university instruction
- Occupation or position held
 - Lecturer PhD (present - 1998)
 - Teaching assistent (1994-1998)
- Main activities and responsibilities
 - Courses of lectures for students
 - Systematic Botany, Ecology, Vegetal Morpho-anatomy, Phytosociolog (in the North University of Baia Mare)
 - Associate lecturer at "Vasile Goldis" West University (1996-2008):
 - Farmaceutical Botany, Botany with forest aplications (in "Vasile Goldis" West University)
 - activities concerning the monitoring and protection of the environment
 - during the monitoring of the meadows from the plateau of the Oas-Gutai Mountains
 - study of the forest biodiversity in the Ranger Department of Baia Mare
 - Elaboration of impact studies and environment surveys
 - Researches regarding vegetal resources in N-W of Romania

EDUCATION AND TRAINING

- Dates 15.03.15.04.2008
- Name and type of organization providing education and training Technical University of Graz Austria
- Principal subjects/occupational skills covered Invited professor
- Title of qualification awarded
- Level in national classification (if appropriate)
- Dates 1993-1999
- Name and type of organization providing education and training Cluj Napoca Babes-Bolyai University, Biology - Geology Faculty
- Principal subjects/occupational Researches for a PhD degree in biology

skills covered	
• Title of qualification awarded	Doctor in biology diploma
• Level in national classification (if appropriate)	Post-university
• Dates	1986-1991
• Name and type of organization providing education and training	Cluj Napoca Babes Bolyai University Biology – Geography and Geology Faculty
• Principal subjects/occupational skills covered	Biology
• Title of qualification awarded	University diploma
• Level in national classification (if appropriate)	University
• Dates	1982-1986
• Name and type of organization providing education and training	History-Philology College from Satu Mare County
• Title of qualification awarded	Graduation diploma
• Level in national classification (if appropriate)	High school
• Dates (from – to)	1978-1982
• Name and type of organization providing education and training	History-Philology College from Satu Mare County
• Title of qualification awarded	School graduate
• Level in national classification (if appropriate)	Gymnasium
• Dates	1974-1982
• Name and type of organization providing education and training	History-Philology College from Satu Mare County
• Title of qualification awarded	Graduation certificate
• Level in national classification (if appropriate)	Elementary

PERSONAL SKILLS AND COMPETENCES

Acquired in the course of life and career but not necessarily covered by formal certificates and diplomas.

MOTHER LANGUAGE

ROMANIAN

OTHER LANGUAGES

- Reading skills
- Writing skills
- Verbal skills

GERMAN

BASIC
BASIC
BASIC

ENGLISH

GOOD
GOOD
GOOD

FRENCH

- Reading skills
- Writing skills
- Verbal skills

GOOD
BASIC
GOOD

SOCIAL SKILLS

AND COMPETENCES

Living and working with other people, in multicultural environments, in positions where communication is important and situations where teamwork is essential (for example culture and sports), etc.

ORGANIZATIONAL SKILLS

AND COMPETENCES

Coordination and administration of people, projects and budgets; at work, in voluntary work (for example culture and sports) and at home, etc.

TECHNICAL SKILLS

AND COMPETENCES

With computers, specific kinds of equipment, machinery, etc.

ARTISTIC SKILLS

AND COMPETENCES

Music, writing, design, etc.

OTHER SKILLS

AND COMPETENCES

Competencies not mentioned above.

DRIVING LICENCE(S)

ADDITIONAL INFORMATION

ANNEXES:

CO-ORDINATION OF A STAFF'S RESEARCH ACTIVITY IN A RESEARCH ACTIVITY

COMPUTER SKILLS

Yes

- Member of 1 scientific society in Romania: Cellular Biology Society
- Member in Consultative Staff of Natural Park of Maramures Mountains
- Assistant editor (present - 2000) of the Museum Scientific Journal from Satu Mare
- Author of 15 scientific papers published in specialty reviews in Romania and abroad in the last five years
- Author of 6 (six) specialty books, published in Romania
- Participant in over 20 scientific manifestations in Romania and abroad
- References can be obtained from the institutions I work or I worked for

PUBLICATIONS IN THE LAST 5 YEARS

BOOKS

- 1. Marian, Monica, - The morphology and vegetal anatomy**, Risoprint Ed., Cluj-Napoca, 2003, ISBN 973-656-386-3.
- 2. Marian, Monica, Mihalescu, Lucia - The sistematic botany**, Risoprint Ed., Cluj-Napoca, 2006, ISBN 973-751-203-0.
- 3. Marian, Monica – The flora and vegetation of Culmea Codrului Mountains**, Nord University Ed., 2008, ISBN 978-973-1729-65-7

PAPERS PUBLISHED IN ISI/BDI JOURNALS

- 1. Leonard Mihaly Cozmuta, Camelia Varga, Monica Marian, Anca Mihaly Cozmuta, Tutu Hanglani- Applying artificial networks in the modelling of copper recovery process by ionic exchange in aqueous solutions, 2008, Rev. Chimie, (59) nr. 7/2008, p. 766-772.**
- 2. Monica Marian, Leonard Mihaly-Cozmuta, Camelia Varga, Anca Mihaly-Cozmuta, The ecology of the phytocoeno-genesis process in the tailing ponds in Maramures county, 2008, Natura Montenegrina, nr. 7 (3), p. 41-55, ISSN 1451-5776, Podgorica.**
- 3. Claudia Marian, Monica Marian, The makeover of the school curriculum in ecology – overview of the last 20 years in Romania, 2008, Natura Montenegrina, nr. 7 (3), p. 137-148, ISSN 1451-5776, Podgorica.**
- 4. Camelia Varga, Monica Marian, Leonard Mihaly-Cozmuta, Anca Mihaly-Cozmuta, The growth dynamics of selected trees in sites polluted with heavy metals neighboring Baia Mare (Romania), 2008, Natura Montenegrina, nr. 7 (3), p. 57-69, ISSN 1451-5776, Podgorica.**

[ISI quotation](#)

- 2. Monica Marian, Lucia Mihalescu, Oana Rosca, Cristian Blidar - Vegetation Aspects in The Lapus Valley, 2007, Oradea University Annales, Oradea University Ed., Tom XIV. ISSN 1224 – 5119**

[Indexed in Thompson \(*Zoologica Records*\) database](#)

3. Monica Marian, Camelia Varga, Leonard Mihaly-Cozmuta, Anca Mihaly Cozmuta, Lucia Mihalescu, Oana Rosca Mare, Cristian Blidar - **Variance analysis on different trees species depending on soil type – uncontaminated and heavy metals contaminated ones**, 2008, Annals of Oradea University, Oradea Universitii Ed., Tom XIV. ISSN 1224 – 5119

[Indexed in Thompson \(*Zoologica Records*\) database](#)

4. Lucia Mihalescu, **Monica Marian**, Oana Mare Rosca - **Influence of the microelement lead on the growth, development and respiration of Zea mays plantelets**, 2008, Annals of Oradea University, Oradea University, Tom XIV. ISSN 1224 – 5119

[Indexed in Thompson \(*Zoologica Records*\) database](#)

5. Oana Mare Rosca, **Monica Marian**, Lucia Mihalescu, **Distribution of communities ef ephemeroptera, plecoptera and trichoptera in the basin of Sasar River**, 2008, Annals of Oradea Universitii, Oradea University Ed., Tom XIV. ISSN 1224 – 5119

[Indexed in Thompson \(*Zoologica Records*\) database](#)

6. Cristian-Felix BLIDAR, Gheorghe-Emil BANDICI, Ildikó SZABÓ, **Monica Marian**, Adriana PETRUȘ-VANCEA, Liviu POP - **The reactivity of *Cymbidium hybridum* l. protocorms vitrocultivated on liquid mediums, using pylons/hangers from filter paper**, 2008, Annals of Oradea University, Oradea University Ed., Tom XIV. ISSN 1224 – 5119

[Indexed in Thompson \(*Zoologica Records*\) database](#)

PRESENTED PAPERS AT SYMPOSIUMS AND CONFERENCES

1. **Marian, Monica** – *Aspects regarding the vegetation of meadows from Oas-Gutâi Mountains Plateau*, 2006, ACTA MVSEI MARAMOROSIENSIS IV, ISSN: 1583-4476, p.192-206.
2. Oana Mare Rosca, Lucia Mihalescu, **Monica Marian** – *The influence of heavy metals on quality of waters and bentic macrovertebrates of Sasar River*, 2006, ACTA MVSEI MARAMOROSIENSIS IV, ISSN: 1583-4476, p.206-214.
3. Lucia Mihalescu, Oana Mare Rosca, **Monica Marian** – *The measures complex for protection against mycotic of apple trees cultivated in Baia Mare area*, 2006, ACTA MVSEI MARAMOROSIENSIS IV, ISSN: 1583-4476, p.251-256.
4. Blidar Cristian, Cachita-Cosma Dorina, Petrus Vancea Adriana, Pop Liviu, **Marian Monica** - *The Cymbidium Protocorms Reaction, cultivated "in vitro" on a bistratified medium, using a fructose solution as supernatant*, International Conference "Agriculture and Food Industries within the context of European integration". Sibiu, 2007, p.37-48. ISSN 1843 - 0694
5. L. Mihaly Cozmuta, C. Varga, **M. Marian**, A. Mihaly Cozmuta, **2007** - *Physical and chemical stability assessment of tailings ponds*, CAPACITY BUILDING ON THE ECOMINING PRINCIPLE, International Seminar Ecomining –Europe in 21st Century – the 2nd edition, 24-26 Octombrie, Sovata & Praid, 2007, p. 153-163, ISSN 978-973-741-071-9, pag. 152-161
6. **Marian Monica**, Camelia Varga, Mihaly Cozmuta Leonard, Mihaly Cozmuta Anca - *Tradition and modernity in the biochemistry of vegetal resources in Maramures*, IX Congreso "Cutura Europea" 24-27 oct. 2007, in press.
7. Oana Danci, **Monica Marian** - *Natural heritage in Maramures county*, IX Congreso "Cutura Europea" 24-27 oct. 2007, in press.
8. **Mare, Rosca, Oana, Mihalescu, Lucia, Marian, Monica, Bologa, R.**, *Saprobilogic research on the Sasar River*, International Conference Natural Sciences Food Industry, nov. 16-17, Baia Mare, p. 223-227. ISBN 978-973-1729-39-8.

9. Marian, Monica, Varga, Camelia, Mihaly Cozmuta, Leonard, Mihaly Cozmuta, Anca- *The Biochemistry of tinctorial vegetal resources and their utilization in the traditions from Maramures, , International Conference Natural Sciences Food Industry, nov. 16-17, Baia Mare, p. 347-352. ISBN 978-973-1729-39-8.*

10. Mihalescu, Lucia, Marian, Monica, Rosca Mare, Oana - *Nitrogen and phosphorus nutrition dynamics of corn plants in different illumination conditions, International Conference Natural Sciences Food Industry, nov. 16-17, Baia Mare, p. 355-359. ISBN 978-973-1729-39-8.*

11. Marian, Monica, Mihalescu, Lucia – *The soil resources management and utilization, environment protection and rural development in Central and N-W of Romania (Maramures, Satu Mare Counties), The XVIII th National Conference for Soil Sciences, Cluj Napoca, vol I, p. 123, p.183, 2006.*

12. Marian, Monica, Saudan (Mihalescu), Lucia -*Aspects regarding the vegetation of Iza Valley, Sesiunea de Comunicari Stiintifice a Universitatii Petrol-Gaze din Ploiesti, 11-13 mai, 2005.*

13. Marian, Monica, Saudan, Lucia - *Plants species preserved in the Maramures landscape, Phytosociology at lanscape ecology service, International Symposium, Cluj-Napoca, Arcalia 20-25 mai 2003.*

14. Marian Monica, Coman, Mirela, Mihaly-Cozmuta, L., Varga, Camelia, Mihaly Cosmuta Anca - *Research regarding the alien plants species in the surrounding of Satu Mare town (Satu Mare county) in North-West of Romania), 17th International Workshop "European Vegetation Survey"Using phytosociological data to address ecological questions Brno, Czech Republic, 1-4 May 2008*

15. Marian, Monica, Mihaly-Cozmuta, L., Varga, Camelia, Coman, Mirela, Mihaly Cozmuta Anca -*The installation of primary vegetation on tailing ponds from non ferrous ores mining area in N-W Carpathians*, **17th International Workshop "European Vegetation Survey"** Using phytosociological data to address ecological questions Brno, Czech Republic, 1-4 May 2008

16. Varga, Camelia, **Marian, Monica**, Mihaly-Cozmuta, L., Coman, Mirela, Mihaly Cozmuta Anca, Mare Rosca Oana - *The mining activities impact on the vegetal associations in surrounding of Baia Mare town (Maramures county)*, **17th International Workshop "European Vegetation Survey"** Using phytosociological data to address ecological questions Brno, Czech Republic, 1-4 May 2008

17. Mare Rosca Oana, Mihalescu Lucia, **Marian, Monica**, Bologa, R. - *Saprobilogic research on the Sasar River*, International Conference Natural Sciences Food Industry, nov. 16-17, Baia Mare, p. 355-359. ISBN 978-973-1729-39-8.

NATIONAL RESEARCH PROJECTS

1. Title: Monitoring of microbiota's actions in order of their utilization for soil remediation of tailing ponds, 2007-2010

Funding source: Ministry of Education and Research, PNCDI II

2. Title: The influence of cosmic radiations on extinct plants, 2004-2006

Funding source: Ministry of Education and Research, PNCDI I

Coordinator of consortium: *Lecturer dr. Monica Marian* - Chemistry-Biology Department North University of Baia Mare, nitella_ro@yahoo.com

3. Title: Natural areas – national patrimony, 2007-2008

Funding sources: Administration of Environment Fund

4. Title: In situ and ex situ protection of plant species in danger from Tiblesului Mountains, Lapusului Valley, Somesului Valley and Culmea Codrului

Funding sources: Administration of Environment Fund

5. Title: *Bioaccumulation of heavy metals in soil-vegetable-human chain BIOMEG*
Coordinator of consortium: **Associate prof.dr. Camelia Varga**- Chemistry-Biology Department North University of Baia Mare, vargacamelia@yahoo.com
Time range: 2008-2011
Funding source: CNMP - PNCD 2
Partners: North University of Baia Mare, Oradea University, Agricultural Research Center Livada Satu

6. Title: *Rehabilitation of tailing ponds by applying of amendaments and cultivation of vegetal species with high adaptability to heavy metals - RIVAM*
Coordinator of consortium: **Lecturer dr. eng. Leonard Mihaly Cozmata** - Chemistry-Biology Department

North University of Baia Mare, mihalyl@yahoo.com

Time range: 2008-2011

Funding source: CNMP - PNCD 2

Partners: North University of Baia Mare, Oradea University, Agricultural Research Center Livada Satu

INTERNATIONAL RESEARCH PROJECTS

1. Project: WWF for Nature International - Danube – Carpathian Programme: **Priority forest, subalpine and alpine habitats in Romania**, LIFE05NAT/RO/00176, **Project number RO 00081.**

2. Project: WWF One Europe more nature programme in Romania, Baseline study-biodiversity monitoring on grassland in Maramures. **Project number: 8W006.1.**

3. Project for certify the forest from Maramures County, developed through WWF International DCP –IKEA.

4. *Education in separation and identification of organic xenobiotics in environmental samples and food product, 2007-2008*

Funding source: EU in the frame of CEEPUS (Central European Exchange Program for Universities Study, CEEPUS II-PL – 0401-2007-2008 in the field of Analytical Chemistry Applied to Environment Monitoring and Protection)

5. Title: *Developing of a biophysical system based on zeolitesmicroorganisms-vegetal species for ecoremediation of tailing ponds coming from gold-silver preparation industry - ZEMIP*

Consortium coordinator: **Lecturer dr. eng. Leonard Mihaly Cozmuta** -
Chemistry-Biology Department North University of Baia Mare, mihalyl@yahoo.com

Time range: 2009-2011

Funding source: PNCDI 2

Partners: North University of Baia Mare, Johhannesburg – University South Africa

Lecturer dr. Monica Marian