



Curriculum vitae Europass



Name / Surname **BORCA MĂDĂLINA MARIA**
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Nationality Romanian

Employer / Occupational field **UNIVERSITY OF LIFE SCIENCES "KING MIHAI I" OF TIMIȘOARA (ULST) – higher education and scientific research**

PROFESIONAL EXPERIENCE

Period	2021 – present
Function or occupied post	Lecturer (Hablitated), PhD Supervisor – Agronomy
Principal activities and responsibilities	Didactic activity; scientific research activity; supervision of PhD students
Name and address of employer	University of Life Sciences "King Mihai I" of Timișoara 119Calea Aradului, Timișoara, Timiș
Type activity or sector of activity	Higher education and scientific research
Period	March 2012 – present
Function or occupied post	Lecturer
Principal activities and responsibilities	Didactic activity; scientific research activity
Name and address of employer	University of Life Sciences "King Mihai I" of Timișoara 119Calea Aradului, Timișoara, Timiș
Type activity or sector of activity	Higher education and scientific research
Period	March 2007 – March 2012
Function or occupied post	University assistant
Principal activities and responsibilities	Didactic activity; scientific research activity
Name and address of employer	University of Life Sciences "King Mihai I" of Timișoara 119Calea Aradului, Timișoara, Timiș
Type activity or sector of activity	Higher education and scientific research
Period	September 2002 – September 2003
Function or occupied post	Biology teacher
Principal activities and responsibilities	Didactic activity and extracurricular educational activities
Name and address of employer	Buziaș Highschool Buziaș, 19A Strada Principală, Timiș
Type activity or sector of activity	Pre-university education

Education and training

Period	August 2010 – July 2012
Qualification / diploma obtained	Postdoctoral researcher
Main studied topics / professional skills acquired	Soil biology, biological restoration of polluted soils, environment protection Research skills in biology field, especially in the area of pedofauna with bioremediation role
Name and type of educational institution/training provider	Training provider: UEFISCDI
Level in national classification	Postdoctoral research
Period	October 2003 – July 2008
Qualification / diploma obtained	PhD in Agronomy
Main studied topics / professional skills acquired	Courses in the field of biology and environmental protection Research skills in the field of biology, especially in pedofauna involved in bioremediation
Name and type of educational institution/training provider	University of Life Sciences "King Mihai I" of Timișoara 119Calea Aradului, Timișoara, Timiș Higher Education Institution
Level in national classification	Postgraduate studies
Period	October 2002 – July 2004
Qualification / diploma obtained	Master's degree in Environmental and Natural Resources Management
Main studied topics / professional skills acquired	Subjects in the field of environmental protection Research skills in the field of rational management of natural resources and environmental protection
Name and type of educational institution/training provider	University of Life Sciences "King Mihai I" of Timișoara Higher Education Institution
Level in national classification	Postgraduate studies
Period	October 1998 – July 2002
Qualification / diploma obtained	Bachelor's degree in Biology
Main studied topics / professional skills acquired	Subjects in the field of biological sciences Didactic skills and research skills in biology field
Name and type of educational institution/training provider	West University of Timișoara, Faculty of Chemistry–Biology–Geography, Specialization in Biologie Higher Education Institution
Level in national classification	Bachelor's degree studies
Period	May 2012
Qualification / diploma obtained	Specialist in waste management
Period	August 2012
Qualification / diploma obtained	Environmental officer
Period	February 2012
Qualification / diploma obtained	Environmental auditor
Period	January 2011
Qualification / diploma obtained	Expert in accessing structural funds
Period	December 2010
Qualification / diploma obtained	Project manager

Aptitudes and personal skills

Mother tongue(s)
Foreign language(e)
Self-assessment
European level (*)

Romanian
English, French

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	Written expression
C1	C1	C1	C1	C1
B1	C1	B1	B1	B1

(*) [Level of the Common European Framework of Reference for Languages](#)

Social skills and competences

Communication and interpersonal skills developed through involvement in volunteer activities in the fields of environmental and social protection.
Interaction and coordination skills acquired through organizing and participating in student activities, including in the role of year tutor.

Additional information

Published scientific papers:

- First author: **52**.
- Member of editorial board: **31**.
- Web of Science Hirsch Index: **7**
- Google Scholars Hirsch Index: **9**
- Scopus Hirsch Index: **5**
- Web of Science Researcher ID: **AAD-9021-2019**
- ORCID: <https://orcid.org/0000-0002-5302-7261>

Published books:

- First author: **8**.

Scientific research projects (awarded through national and international competitions):

- Project director: **4** (3 national projects, 1 bilateral cooperation project);
- Research team member: **10**.

Awards:

- **Second Prize** of USV “King Michael I” of Timișoara, obtained at the International Student Project Contest in the field of Biology – 9th Edition, 24 April **2026**, as team coordinator.
- **“Gheorghe Ionescu-Șișești” Prize** of the Romanian Academy, **2023**, for the book: *Implications of Earthworm Activity (Oligochaeta: Lumbricidae) in Some Anthropogenic Ecosystems* (Eurobit Publishing House, ISBN 978-973-132-806-5, 177 pages).
- **UEFISCDI PRECISI 2020 Award** – Rewarding Research Results – Articles, for the article: Phillips, H., [...], Iordache, Mădălina, [...], et al. - *Global distribution of earthworm diversity*. SCIENCE, 366(6464): 480-485, IF 2019 = 41.846.
- **Special First Prize** of USAMVB “King Michael I of Romania” from Timișoara, December **2019**, for the article: Phillips, H., [...], Iordache, Mădălina, [...], et al. - *Global distribution of earthworm diversity*. SCIENCE, 366(6464): 480-485, IF 2019 = 41.846.
- **First Prize** of USAMVB “King Michael I of Romania” from Timișoara, obtained at the International Student Project Contest in the field of Engineering Sciences, “Waste Management” section, 25 October **2019**, as team coordinator.
- **Certificate of Excellence** of USAMVB “King Michael I of Romania” from Timișoara for active involvement in promoting and supporting higher education, May **2015**.
- **First Prize** awarded by USAMVB Timișoara for the scientific paper *Study of the acute toxicity of some pesticides on earthworms Eisenia foetida (Savigny, 1826)*, 15 December **2011**.

15.05.2026