

## Curriculum Vitae

**Marko Miliša, PhD**

### OBJECTIVE

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Pro forma CV for webpage – December 2014.

### PERSONAL INFORMATION

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Address (business): Rooseveltov trg 6, 10000 Zagreb, Croatia

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Date of birth: June 6, 1978

Nationality: Croatian

Marital status: Common law marriage, father of Ljudevit (son)

### EDUCATION

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June 2007: Doctorate in Biology (Ecology), University of Zagreb, Faculty of Science.

2002 - 2007: Postgraduate study - Biology (Ecology), University of Zagreb, Faculty of Science.

June 2001: Graduate degree (dipl. ing./BSc Biology), University of Zagreb, Faculty of Science.

### WORK EXPERIENCE

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March 2012 – present: **Assistant Professor at University of Zagreb, Faculty of Science.**

September 2001 - 2012: Research Assistant at University of Zagreb, Faculty of Science.

#### **Teaching:**

Courses:

2011-2014 Ecosystem energetics

2011-2014 Principles of scientific work

2011-2014 Principles and methodology of research in environmental sciences

2012-2013 Trophic state and energy flow in the ecosystem (Doctoral study)

Practical courses:

2008-2014: Ecosystem energetics

2001-2014: Field study in zoology and botany

2001-2013: Invertebrates

2010: Ecology (The Hashemite University Zarqa, Jordan)

2009: Elementary Biology, (Department of Geology, Zagreb)

2007-2008: Practical course in comparative anatomy (School of Medicine, Zagreb)

2006-2007: Energetic concept, biogeochemical cycles and ecosystem trophy (Postgraduate studies)

2006: Limnology

2001-2002: Methods for teaching Biology

Mentored 5 graduation theses and 3 baccalaureate theses; Supervisor of 1 PhD student - in progress.

#### **Research:**

Freshwater ecology. Environmental assessment. Mediterranean, karst. Sampling and data analyses.

Topics of interest:

Macroinvertebrate assemblages - functional feeding relationships,

Matter and energy flux in aquatic and connected ecosystems,

Aquatic ecosystems reaction to stress,

Plant litter processing,

Tufa (travertine),

Stonefly (Plecoptera) biology and taxonomy.

## WORK EXPERIENCE (CONTINUED)

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### Projects:

2013-present: Inventory and the role of fauna in the process of tufa deposition in the National Park "Krka"

2007-2014: Implementation of the functional organization of aquatic communities in the valorization of environment

2009-2011: Ecological research of freshwater in Croatia regarding criteria of the Water Framework Directive of EU

2006-2009: Testing of biological methods for ecological status assessment (Water framework directive 2000/60/EC) in representative river basins of the Pannonian and Dinaric ecoregions

2004-2006: Ecological condition assessment of surface fresh waters of Krka River within the Dalmatian River Basin District according to the EU Water Framework Directive criteria

2002-2006: The role of current velocity in functional structuring of tufa-forming cenoses

2001-2005: Research on travertine deposition rates and rates of travertine-building on travertine barriers in Plitvice Lakes National Park

1996-2002: Functional organization of biocenose

### Other:

Member of the expert committee for evaluation of graduation theses.

University of Zagreb's Fair: 2012. Head of the Biology division committee – Accessibility and communication award; 2008. Division of biology committee member – Best booth award

A Night of Biology (popular-science event) organization of Invertebrates topic: 2009. and 2012.

Reviewer for Aquatic Ecology journal,

Participated in Academic staff exchange with the Hashemite University (Jordan) via Erasmus mundus project (March-May 2010),

Participated in the Tempus project (European Quality Standards in Lymnology Education). Leader of the student group for the part held at University of Uppsala/Erken Laboratory (Sweden; June-July 2009),

Organization of meetings of young researchers of Zoology Department and Division of Biology of the Faculty of Science 2006-2009

Organization of the 10<sup>th</sup> Croatian biological congress: Osijek, September 14-20, 2009. (technical support),

A reviewer for Rectors Prize in the topic of Biology

Developed a new University practical course (Ecosystem energetics; September 2008),

## REFERENCES

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University textbooks (2), Scientific papers (22; of which 13 cited in Current contents database) – Cites - 80, \*List of publications is appended

## MEMBERSHIP OF PROFESSIONAL BODIES AND COMMITTEES

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Member of the organizing committee for the 1<sup>st</sup> Symposium of freshwater biology

Member of the organizing committee for the 12<sup>th</sup> Croatian biological congress

**President of Croatian association of freshwater ecologists**

Member of National Geographic Society

Member of Study Committee C3: System Environmental Performance, of Croatian national committee of Cigré - international council on large electric systems

## SKILLS

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Drivers license (B),

Boat leader/operator license,

Excellent computer skills,

Languages: English - excellent, German - good

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