

# Curriculum Vitae

## PERSONAL INFORMATION

Name and surname	<b>Goran Durn</b>
Academic title	Full professor with tenure
Year and institution of PhD obtained	1996, University of Zagreb
Address	Blažekova 6, HR-10000 Zagreb
Phone	++385 1 2317012
E-mail	goran.durn@rgn.hr
Personal web pages	CROSBİ: <a href="https://www.bib.irb.hr/pretraga/?operators=and%7CDurn%2C+Goran+%28126941%29%7Ctext%7Cauthor">https://www.bib.irb.hr/pretraga/?operators=and%7CDurn%2C+Goran+%28126941%29%7Ctext%7Cauthor</a> e-portfolio: <a href="https://moodle.srce.hr/eportfolio/user/view.php?id=6803">https://moodle.srce.hr/eportfolio/user/view.php?id=6803</a> Research gate: <a href="https://www.researchgate.net/profile/Goran_Durn">https://www.researchgate.net/profile/Goran_Durn</a> Google Scholar: <a href="https://scholar.google.hr/citations?user=SlId7WkIAAAAJ&amp;hl=hr">https://scholar.google.hr/citations?user=SlId7WkIAAAAJ&amp;hl=hr</a>
Citizenship	Croatian
Date and place of birth	25.5.1962.

## WORK EXPERIENCE<sup>1</sup> (CHRONOLOGICALLY\*)

Date (from – until)	2009-
Institution	University of Zagreb, Faculty of Mining, Geology and Petroleum Engineering
Position	Full professor with tenure
Work field	<i>Teaching and research</i>
Date (from – until)	2004-2009
Institution	University of Zagreb, Faculty of Mining, Geology and Petroleum Engineering
Position	Full professor
Work field	<i>Teaching and research</i>
Date (from – until)	2000-2004
Institution	University of Zagreb, Faculty of Mining, Geology and Petroleum Engineering
Position	Associated professor
Work field	<i>Teaching and research</i>
Date (from – until)	1997-2000
Institution	University of Zagreb, Faculty of Mining, Geology and Petroleum Engineering
Position	Assistant professor
Work field	<i>Teaching and research</i>
Date (from – until)	1992-1997
Institution	University of Zagreb, Faculty of Mining, Geology and Petroleum Engineering
Position	University assistant
Work field	<i>Teaching and research</i>
Date (from – until)	1985-1992
Institution	University of Zagreb, Faculty of Mining, Geology and Petroleum Engineering
Position	University associate
Work field	<i>Teaching and research</i>

<sup>1,2,3</sup> Please add rows to enter all required information

\* all information in the document should be entered chronologically – from the most recent to the oldest

**EDUCATION<sup>2</sup>**  
(CHRONOLOGICALLY)

Date 7.6.1996.  
Place Zagreb  
Institution University of Zagreb, Faculty of Mining, Geology and Petroleum Engineering  
Title of qualification awarded PhD in natural sciences, geology  
Date 24.9.1985.  
Place Zagreb  
Institution University of Zagreb, Faculty of Mining, Geology and Petroleum Engineering  
Title of qualification awarded Mag. geol.

**TRAINING**  
(CHRONOLOGICALLY)

Year 1995  
Place Budapest  
Institution Eötvös Lorand University  
Subject and skills covered Specialization in Sedimentology of carbonates; instructor: Prof. dr.sc. M. E. Tucker from University of Durham, England.  
Year 1994  
Place Budapest  
Institution Eötvös Lorand University  
Subject and skills covered Specialization in Micromorphology of soils; instructor: Prof. dr.sc. G. Stoops from Ghent State University, Belgium.  
Year 1994  
Place Vienna  
Institution University of Natural Resources and Life Sciences  
Subject and skills covered Specialization in Clay mineralogy; instructor: Prof. dr.sc. Franz Ottner,

**LANGUAGES**

**MOTHER TONGUE** Croatian  
**ENGLISH LANGUAGE**  
Speaking **Fluent**  
Writing **Fluent**  
Reading **Fluent**

**OTHER FOREIGN LANGUAGES<sup>3</sup>**

Language **German**  
Speaking Basic  
Writing Basic  
Reading Basic

**RESEARCH AND OTHER PROJECTS**

(CHRONOLOGICALLY; LEADER AND ASSOCIATES; FUNDING SOURCE)

Previous participation in Croatian Science Foundation projects

1. Nanominerals in sediments and soils: formation, properties and the role in biogeochemical processes (NANOMIN, 2014-2018), associate scientist.

Most important publications from the project:

Durn, G., Wacha, L., Bartolin, M., Rolf, C., Frechen, M., Tsukamoto, S., Tadej, N., Husnjak, S., Li, Y., Rubinić, V. (2018): Provenance and formation of the red palaeosol and lithified terra rossa-like infillings on the Island of Susak: A high-resolution and chronological approach. Quaternary International, 494, 105-129.

Durn, G., Rubinić, V., Wacha, L., Patekar, M., Frechen, M., Tsukamoto, S., Tadej, N., Husnjak, S. (2018): Polygenetic soil formation on Late Glacial Loess on the Susak Island reflects paleo-environmental changes in the Northern Adriatic area. *Quaternary International*, 494, 236-247 (IF 2,163).

2. Natural habitat of clinically important *Acinetobacter baumannii* (NATURACI, 2015-2019), associate scientist.

Most important publications from the project:

Hrenović, J., Seruga Musić, M., Durn, G., Dekić, S., Hunjak, B., Kisić, I. (2019): Carbapenem-Resistant *Acinetobacter baumannii* Recovered from Swine Manure, *Microbial Drug Resistance*, DOI: 10.1089/mdr.2018.0087.

Hrenović, J., Durn, G., Kazazić, S., Dekić, S., Šeruga Musić, M. (2019): Untreated wastewater as a source of carbapenem-resistant bacteria to the riverine ecosystem. *Water SA*, 45 (1), 55-62.

Hrenović, J., Ivanković, T., Durn, G., Dekić, S., Kazazić, S., Kisić, I. (2019): Presence of carbapenem-resistant bacteria in soils affected by illegal waste dumps. *International Journal of Environmental Health Research*, 29/2, 154-163.

Hrenović, J., Durn, G., Šeruga Musić, M., Dekić, S., Troškot-Čorbić, T., Škorić, D. (2017): Extensively and multi drug-resistant *Acinetobacter baumannii* recovered from technosol at a dump site in Croatia. *Science of the Total Environment*, 607-608, 1049-1055.

#### International research projects

1. Austrian-Croatian scientific project: "Clay mineralogy in landslide hazard assessment" (2015-2016), associate;

2. Croatian-German project: "Tools for modelling past and future global climate change: case study of loess-palaeosol sequences (Quaternary aeolian deposits) from Istria and Kvarner (North Adriatic area)" (2014- 2015), leader;

3. Austrian-Croatian scientific project: "Comparison between Terroirs of Istria, Vienna and Wachau" (Ministry of Science, Education and Sport, 2012- 2013), leader;

4. Groundwater and dependent ecosystems: New scientific and technical basis for assessing climate change and land-use impacts on groundwater systems (FP7 project GENESIS, 2009-2013), associate;

5. Slovakian-Croatian scientific project: "Groundwater-protective effect of soil cover in karst regions" (Open Source Foundation, 2000-2002), leader;

6. Austrian-Croatian scientific project: "Herkunft und Zusammensetzung der Paläoböden Istriens; Kroatien: Ein Beitrag zur Klärung der paläotektonischen und paläoklimatischen Verhältnisse der Unterkreide" (Leader from Croatian side, Austrian Ministry of Science and Education, 1997-2000), leader;

7. Global geochemical baselines-International geochemical mapping; IGCP-360 (IGCP-UNESCO, 1992-1996), associate;

8. Paleoweathering records and paleosurfaces; IGCP-317 (IGCP-UNESCO, 1992-1996), associate;

9. Correlation of Mesozoic/Tertiary bauxites and related paleokarst in the Tethyan realm; IGCP-287 (IGCP-UNESCO, 1984-1988), associate

#### Research Projects of Croatian Ministry of Science, Education and Sports

1. Dinaric karst: geological evolution, mineral resources, paleosols and soils (2007- 2012), leader;

2. Sediments and sedimentary rocks as natural sources of mineral deposits (2002-2006), associate;

3. Geological resources of mineral deposits of sedimentary cycle (1999-2002), associate.

#### **TEACHING**

(CHRONOLOGICALLY; UNDERGRADUATE, GRADUATE , POSTGRADUATE STUDY PROGRAMMES

a) Graduate study of Geology (University of Zagreb, Faculty of Mining, Geology and Petroleum

Engineering)

1. Industrial mineral deposits
2. Exploration of mineral deposits
3. Clay mineralogy
4. Environmental mineralogy
5. Ore microscopy

b) Graduate study of Forestry (University of Zagreb, Faculty of Forestry)

1. Recovery of degraded terrains

c) Postgraduate study of Geology (University of Zagreb, Faculty of Mining, Geology and Petroleum Engineering)

1. Environmental mineralogy
2. Paleopedology

#### **VISITS TO FOREIGN RESEARCH AND EDUCATION INSTITUTIONS**

Two visits to Eötvös Lorand University, Budapest in the period 1994. to 1995. (specialization in soil micromorphology and carbonate sedimentology)

Three visits to Comenius University, Bratislava, Slovakia in the period 2000. to 2002 (research project).

Five visits to University of Natural Resources and Applied Life Sciences, Vienna, Austria in the period 1997. to 2013 (PhD grant and research projects).

#### **AWARDS AND RECOGNITIONS**

(CHRONOLOGICALLY)

Full membership in the Croatian Academy of Sciences and Arts (2016).

Croatian Academy of Sciences and Arts award for natural sciences and mathematics (2011)

Award for best students, University of Zagreb (1982)

#### **ORGANIZATIONAL SKILLS AND COMPETENCES**

(CHRONOLOGICALLY; ORGANIZATION OF HOME AND INTERNATIONAL SCIENCE EVENTS )

1. Member of Scientific board of 9th Mid-European Clay Conference" , 2018, Zagreb, Croatia
2. Member of Scientific board of 7th Mid-European Clay Conference" , 2014, Dresden, Germany
3. Member of Scientific board of 6<sup>th</sup> Mid-European Clay Conference, 2012, Prague, Czech Republic
4. Deputy president of organizing committee of 4<sup>th</sup> Croatian Geological congress; 2010, Šibenik
5. Member of Scientific board of 4<sup>th</sup> Mid-European Clay Conference 08, 2008, Zakopane, Poland
6. President of Scientific board of 3<sup>rd</sup> Mid-European Clay Conference 06, 2006, Opatija
7. Member of Scientific board of 4<sup>th</sup> Mediterranean Clay Meeting, 2006, Ankara, Turkey
8. Member of organizing committee of 4<sup>th</sup> Mediterranean Clay Meeting, 2006, Ankara, Turkey
9. Member of Scientific board of 2<sup>nd</sup> Mid-European Clay Conference 04, 2004, Miskolc, Hungary
10. Member of Scientific board of 22<sup>nd</sup> IAS Meeting of Sedimentology, 2003, Opatija
11. Member of organizing committee of 1<sup>st</sup> Mid-European Clay Conference, 2001, Stara Lesna, Slovakia

## MEMBERSHIP IN SCIENCE ORGANIZATIONS AND BODIES

(CHRONOLOGICALLY; HOME AND INTERNATIONAL ORGANIZATIONS AND BODIES)

1. Croatian Clay Group; member of European Clay Groups Association (President, 2005 to 2007)
2. Croatian Geological Society (Vice-president, 2004-2008)
3. Committee for geochemistry of Croatian Academy of Science and arts, member
4. Croatian Pedological Society, member

## COMMISSIONS, COMMITTEES, BOARDS AND WORK GROUPS

(CHRONOLOGICALLY; HOME AND INTERNATIONAL)

Home:

1. President of Scientific Committee for Geology (2017- )
2. *Geologia Croatica*, member of editorial board (2013- )
3. Member of Parent Committee for natural sciences, field geology of Agency for Science and Higher Education Croatia (2009-2013)
4. Member of Council for natural sciences of University of Zagreb (2009-2013) .
5. Member of Fund for development of University of Zagreb (2008- )
6. Member of Council for technical sciences of University of Zagreb (2005 –2009)
7. Member of Commission for mineral raw materials evaluation of Ministry of Economy, Labour and Entrepreneurship (2000- )

International:

1. European Commission expert no. EX2013D133497 (2013- )
2. Representative of Croatian Geological Association in European Federation of Geologists within Euroages project (2007-2011 )
3. Representative of Croatian Clay Group in European Clay Groups Association (2005 - 2007)

## TEN MOST IMPORTANT PUBLICATIONS IN LAST FIVE YEARS: PAPERS IN PEER REVIEWED SCIENTIFIC JOURNALS, REVIEWER

1. Durn, G., Frechen, M. (2018): Quaternary of Croatia. *Quaternary International*, 494, 1-4 (IF 2,163).
2. Durn, G., Wacha, L., Bartolin, M., Rolf, C., Frechen, M., Tsukamoto, S., Tadej, N., Husnjak, S., Li, Y., Rubinić, V. (2018): Provenance and formation of the red palaeosol and lithified terra rossa-like infillings on the Island of Susak: A high-resolution and chronological approach. *Quaternary International*, 494, 105-129 (IF 2,163).
3. Durn, G., Rubinić, V., Wacha, L., Patekar, M., Frechen, M., Tsukamoto, S., Tadej, N., Husnjak, S. (2018): Polygenetic soil formation on Late Glacial Loess on the Susak Island reflects paleo-environmental changes in the Northern Adriatic area. *Quaternary International*, 494, 236-247 (IF 2,163).
4. Zhang, J., Rolf, C., Wacha, L., Tsukamoto, S., Durn, G., Frechen, M. (2018): Luminescence dating and palaeomagnetic age constraint of a last glacial loess-palaeosol sequence from Istria, Croatia. *Quaternary international*, 494, 19-33 (IF 2,163).
5. Rubinić, V., Galović, L., Lazarević, B., Husnjak, S., Durn, G. (2018): Pseudogleyed loess derivatives-The most common soil parent materials in the Pannonian region of Croatia. *Quaternary International*, 494, 248-262 (IF 2,163) .
6. Hrenović, J., Durn, G., Seruga Musić, M., Dekić, S., Troskot, Čorbić, Škorić, D. (2017): Extensively and multi drug-resistant *Acinetobacter baumannii* recovered from technosol at a dump site in Croatia. *Science of the Total Environment*, 607–608, 1049–1055 (IF 4,610).
7. Rubinić, V., Lazarević, B., Husnjak, S. & Durn, G. (2015): Climate and relief influence on particle size distribution and chemical properties of Pseudogley soils in Croatia. *Catena*, 127, 340-348 (IF 3,256).
8. Rubinić, V., Galović, L., B., Husnjak, S. & Durn, G. (2015): Climate vs. parent material - which is the key of Stagnosols diversity in Croatia?. *Geoderma*, 250-261 (IF 3,740)
9. Hrenović, J., Durn, G., Goić Barišić, A. & Kovačić, A. (2014): Occurrence of an environmental *Acinetobacter baumannii* strain similar to a clinical isolate in paleosol from Croatia. *Appl. Environ. Microbiol.*, 80, 2860-2866.

(IF 3,952)

10. Rubinić, V., Durn, G., Husnjak, S. & Tadej, N.(2014): Composition, properties and formation of pseudogley on loess along a precipitation gradient in the Pannonian region of Croatia. *Catena*, 113, 138-149 (IF 3,256)

Reviewer of 12 journals indexed in the base Current Contents (Geoderma, *Catena*, Clay Minerals, Applied Clay Science, Chemical Geology, Quaternary International, Quaternary Science Journal, International Journal of Speleology, Journal of Asian Earth Sciences, *Geologia Carpatica*, Geomorphology i Environmental Geology)

#### **OTHER IMPORTANT SKILLS AND COMPETENCES**

The expert witness of the County Court in Zagreb for geology and protection of the environment (2011-)

#### **ADDITIONAL INFORMATION AND NOTES**

Dean of Faculty of Mining, Geology and Petroleum Engineering, University of Zagreb (2005-2009)

Vice-dean for teaching of Faculty of Mining, Geology and Petroleum Engineering, University of Zagreb (2001-2005)