




PERSONAL INFORMATION



Hrvoje Grofelnik

-  Primorska 42, Ika, 51410 Opatija, Croatia
-  +385 51 294 181
-  hrvoje.grofelnik@fthm.hr
-  FTHM - <https://www.fmtu.uniri.hr/kontakti/168-hrvoje-grofelnik>
- CROSBİ - <https://www.bib.irb.hr/pregled/znanstvenici/373855>
- ORCID - <https://orcid.org/0000-0002-2796-8316>
- GOOGLE SCHOLAR - <https://scholar.google.hr/citations?hl=hr&user=QVb6UTUAAAAJ>
- PUBLONS - <https://publons.com/researcher/1844117/hrvoje-grofelnik/>

Identification number of the scientist: 373855

Sex M | Date and place of birth 12/04/1977, Pula | Nationality Croatian, Marriage status: married

POSITION Assistant professor

WORK EXPERIENCE

- 2019 - today **assistant professor**
University of Rijeka, Faculty of Management in Tourism and Hospitality, Opatija
<https://www.fthm.uniri.hr/>
Course teacher:
 - undergraduate study: Tourist geography, Natural basis of geospace
 - graduate study: Evaluation of natural resources in tourism

Business or sector Higher Education
- 2016 - today **External associate, Expert working group for the preparation of the state matura exam in geography**
National Center for External Evaluation of Education, Zagreb
<https://www.ncvvo.hr/>
Member of the author's team for drafting the state matura exam in geography, part of the group for drafting exam catalogues and exam qualifications, author of graphic attachments and geographical maps, moderator in the process of correcting the state matura exam in geography.

Business or sector Secondary Education
- 2010 - today **External collaborator, author of textbooks and supporting materials**
Publishing house Profil-Klett, Zagreb
<https://www.profil-klett.hr/>
Author of textbooks, methodical manuals, workbooks, accompanying materials and reviewer

Business or sector Secondary Education
- 2003 - 2019 **Professor of Geography**
Andrija Mohorovičić High School Rijeka, Rijeka

Business or sector Secondary Education
- 2002 - 2003 **Professor of Geography**
Elementary school Vežica, Rijeka

Business or sector Primary Education

EDUCATION, TRAINING
AND PROMOTION

- 2021 "Teaching process in higher education: Constructive connection of learning outcomes with other elements of the teaching process" - Online Course,
Faculty of Management in Tourism and Hospitality, Opatija, ▪ Teacher competencies
- 2020 "Education for the application of online teaching models" - Online Course,
Faculty of Organization and Informatics, Varaždin, ▪ Teacher competencies
- 2020 "Tools for publishing scientific papers" and "Tools for evaluating and achieving visibility of scientific papers" - Online Webinar,
University of Rijeka, University Library Rijeka, ▪ Research competencies
- 2020 "Getting started with Mentimeter" - Online Course,
Mentimeter, ▪ Teacher competencies
- 2020 "Publishing in Top SSCI Journals and Get Recognition For Your Research" - Online Webinar,
Emerald Publishing, ▪ Research competencies
- 2018 Promoted as research associate in Interdisciplinary field of science - field of geography
National Council for Science, Higher Education and Technological Development, the Main Committee for the Interdisciplinary Field of Science
- 2016 Promoted to the title of professor advisor (high school level of education)
Agency for Education, Zagreb, Croatia
- 2015 Course: Esri ArcGIS I: Introduction to GIS, Esri Training,
Gdi, Zagreb, Croatia
- 2011 Promoted to the title of professor mentor, (high school level of education)
Agency for Education, Zagreb, Croatia
- 2011 **PhD**, completed postgraduate study Geographical Basics of Spatial Planning and Planning, within the interdisciplinary field of science, field - geography, branches - social geography Doctoral dissertation: "Ecological aspect of sustainable tourism development on the islands of Cres and Lošinj",
University of Zagreb, Faculty of Science, Department of Geography, Zagreb, Croatia
- 2007 Course - entire ECDL course, promoted as specialist in business informatics,
M-san, Zagreb, Croatia
- 2001 Trained as a reserve officer in the Croatian Army,
Croatian Military Academy Petar Zrinski, Zagreb, Croatia
- 2001 **Professor of geology and geography**, completed higher education graduate study, thesis: "The boundary of the Cretaceous and Tertiary in eastern Istria and on the island of Krk",
University of Zagreb, Faculty of Science, Department of Geology, Zagreb, Croatia

PERSONAL SKILLS

Mother tongue(s) Croatian

| Other language(s) | UNDERSTANDING | | SPEAKING | | WRITING |
|-------------------|---------------|---------|--------------------|-------------------|---------|
| | Listening | Reading | Spoken interaction | Spoken production | |
| English | B2 | B2 | B2 | B1 | B1 |
| Italian | B2 | B2 | B2 | B2 | B1 |

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication skills ▪ good communication skills acquired during work as teacher of geography in elementary and high school and class teacher since 2002 (communication with students, course participants, colleagues, professional services, partners and parents)

Organisational / managerial skills ▪ management and organization of classroom teaching and fieldwork since 2002

- organization of workshops
- organization and guidance of fieldwork
- leadership of student groups (up to 70 people)

Computer skills ▪ very good command of Microsoft Office tools
▪ good command of ArcGIS – Esri
▪ good command of computer programs for editing graphic formats

Driving licence ▪ B

ADDITIONAL INFORMATION

PUBLICATIONS

Scientific papers

- Grofelnik, H., 2020: **Assessment of acceptable tourism beach carrying capacity in both normal and COVID-19 pandemic conditions-case study of the Town of Mali Lošinj**, Croatian Geographical Bulletin, 82 (2), 131-152, - (ISSN 1331 -5854), A1-Q4
- Grofelnik, H., Perić, M. and Wise, N., 2020: **Applying Carbon Footprint Method Possibilities to the Sustainable Development of Sports Tourism**, WIT Transactions on Ecology and the Environment 248, 153-163, (ISSN 1743-3541), A1-Q4
- Grofelnik, H., 2019: **Awareness and attitudes of high school and student population on the problem of light pollution**, Proceedings of the international scientific conference: The first scientific congress with international participation "Light pollution", Albert Cattunar, editor (s), Teaching Institute for Public Health Primorsko- of Gorski Kotar County, Rijeka, 91-100, - (ISSN 2671-1729), A3
- Grofelnik, H., 2017: **The local blue water footprint of tourism on the islands of Cres and Lošinj**, Croatian Geographical Bulletin, 79/2, 27-50, - (ISSN 1331-5854), A1-Q2
- Grofelnik, H., 2015: **A regular annual sea transport carbon footprint for the islands of Cres and Lošinj**, Croatian Geographical Bulletin, 77/2, 73-83, - (ISSN 1331-5854), A1-Q3
- Grofelnik, H., 2013: **Possibilities of waste management on the islands of Cres and Lošinj**, Our sea 60 / 5-6, 118-124, - (ISSN 0469-6255), A1-Q3
- Grofelnik, H., Pap, I., 2013: **Mastery of permanent cartographic knowledge and skills of high school students after primary school**, Cartography and Geoinformation 12/19, 86-102, - (ISSN 1333-896X), A1-Q4
- Grofelnik, H., 2012: **Electric power local carbon footprint of tourism on the islands of Cres and Lošinj**, Geoadria 17/2, 235-244, - (ISSN 1331-2294), A1-Q4
- Grofelnik, H., 2010: **Ecological footprint of road traffic on the Cres-Lošinj archipelago**, Geoadria 15/2, 269-286, - (ISSN 1331-2294), A1-Q4
- Grofelnik, H., 2008: **Field teaching in geography as a form for lifelong learning, Lifelong learning for sustainable development**, Uzelac, Vinka; Vujicic, Lidija; Boneta, Željko (ed.), University of Rijeka, Faculty of Teacher Education in Rijeka, volume 3, 181-187, - (ISSN 978-953-98445-7-6), A3
- Grofelnik, H., 2007: **Tourist evaluation of the space of the City of Rijeka**, Proceedings of the international scientific conference; 4th Croatian Geographical Congress, Poreč 2007, 337-352. - (ISBN 978-953-7245-04-7), A3
- Grofelnik, H., 2006: **Litoralization - the carrier of the development of the City of Rijeka**, Proceedings of the international scientific conference; Academician Josip Roglić and his work, Makarska 2006, 481-498. - UDC 91-05 Roglić, J. (063), A3

Professional papers

- Grofelnik, H. 2019: **Is sustainable tourism development achievable?**, Geographic Horizon, 1/2019, 21-34.
- Grofelnik, H., 2016: **Introduction of a new optional subject Geoinformatics in high schools**, Cartography and Geoinformation 15/26, 72-79.
- Grofelnik, H., 2009: **Methods of thematic cartographic presentation in economic geography**, Geographic Horizon, 1/2009, 17-28.
- Grofelnik, H. 1999: **Israel - a young state between traditionalism and modern development**, Geographical Horizon, 1-2 / 1999, 89-100.

Textbooks and other professional publications

- Benaković, S., Golubić, T., Grbac, R., Grofelnik, H., 2016: **Geoinformatics - a handbook for teachers**, Vladimir Prelog School of Science, Zagreb.
- Grofelnik, H., 2016: **Geoinformatics - a handbook for students**, Vladimir Prelog School of Science, Zagreb.
- Grofelnik, H., 2014: **Terra 4** - geography textbook for the 4th grade of high school (2nd amended edition), Profil, Zagreb.
- Grofelnik, H., 2014: **Terra 1** - geography textbook for the 1st grade of high school (1st edition), Profil, Zagreb.
- Grofelnik, H., 2014: **Terra 1** - methodical manual in geography for the 1st grade of high school (1st edition), Profil, Zagreb.
- Grofelnik, H., 2010: **Terra 4** - geography textbook for the 4th grade of high school (1st edition), Profil, Zagreb.
- Grofelnik, H., Pap, I., 2010: **Terra 4** - workbook in geography for the 4th grade of high school (1st edition), Profil, Zagreb.

PRESENTATIONS, PUBLIC LECTURES AND CONDUCTING FIELD TRIPS

From 2005 to 2021, held 25 public lectures, presentations and field trips for:

- Agency for Education;
- Croatian Geographical Society;
- Geographical Society of Rijeka;
- Science Festival;
- County Professional Council of Geography Teachers of Primorje-Gorski Kotar County, Lika-Senj and Istria Counties;
- Academic Astronomical Society, Rijeka;
- Association - Heart for Volosko;
- Profil International Publishing House.

PROJECTS

"The Carbon Footprint of Active Sport Event Tourists: The Case of Trail Runners", ZIP-UNIRI-116-2-19, 2019 - 2021 - project manager
 Project funded by the University of Rijeka within the project line ZIP-UNIRI
 Project manager: Ph.D. Hrvoje Grofelnik, members of the project team: Ph.D. Marko Perić, Ph.D. Nicolas Wise
 - Carbon footprint research of active sports participants on the example of trail runners.

"Science Plus" (2015 - 2016) - a member of the project team
 Project funded by the European Social Fund - Human Resources Development
 Mentor: Marina Čleković, mag. phys., project leaders Vladimir Prelog School of Science from Zagreb, Andrija Mohorovičić High School Rijeka, partners: Faculty of Science, University of Zagreb, Pliva d.d.
 - Curriculum design of the optional subject Geoinformatics, design of the Teacher's Manual and the Student's Manual for the implementation of Geoinformatics teaching

CONFERENCES

WIRE 2020 - Week of the Innovative Regions in Europe - The Future of the Resilient Regions in the New Era, University of Split, Faculty of Economics, Online, 04.-05.11. 2020

Sustainable Tourism 2020, 9th International Conference on Sustainable Tourism, Wessex Institute, Online, 8-10. 07. 2020

VII. Croatian Geographical Congress, Croatian Geographical Society, Čakovec, 09-11. 10. 2019

The first scientific-professional congress with international participation "Light pollution", Institute of Public Health of the Primorje-Gorski Kotar County, Lopar, 14-16. 06. 2019

The position and role of geography in contemporary society, Croatian Geographical Society, Zagreb, November 17, 2017

IGIS 2016: 18th International Conference on Geographic Information Systems, World Academy of Science, Engineering and Technology, Madrid, March 24 and 25, 2016

VI. Croatian Geographical Congress, Croatian Geographical Society, Trogir, September 29 - October 2, 2015

Geography in the system of science and the educational system, Croatian Geographical Society, Zagreb, November 15, 2012

Lifelong learning for sustainable development, University of Rijeka, Faculty of Teacher Education in Rijeka, Plitvice, 21.-23. 05. 2008

IV. Croatian Geographical Congress, Croatian Geographical Society, Poreč, 10-13. October 2007

Academician Josip Roglić and his work, Croatian Geographical Society and HAZU, Makarska 19.-22. April 2006

HONOURS AND AWARDS

In 2006, 2008, 2015, 2017 and 2018, the winner of the "Oscar of Knowledge", Ministry of Science, Education and Sports and the Agency for Education, Croatia

In 2014, Primorje-Gorski Kotar County (Croatia) Award in the category of the most successful educators

MEMBERSHIPS AND FUNCTIONS

Since 2019, member of the editorial board of the professional journal *Geographical Horizon*, Croatian Geographical Society, Zagreb

From 1996 until today a member of the Croatian Geographical Society, Zagreb

Member of the Board of the Croatian Geographical Society, Zagreb, 2006 - 2008.

Member of the Judging Commission for the County Meeting and Geography Competition of Primorje-Gorski Kotar County, 2004 - 2018

President of the School Board of the Andrija Mohorovičić High School Rijeka, 2014 - 2017

Member of the Geographical Society of Rijeka, 2002 - 2010

Member of the Board of the Geographical Society of Rijeka, 2006 - 2009

Member of the School Board of the Andrija Mohorovičić High School Rijeka, 2006 - 2009

Member of the State Commission for Geography Competition in 2007 and 2008