



Ivan Racetin

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Home: Alojzija Stepinca 11, 21210 Solin (Croatia)

WORK EXPERIENCE

University of Split, Faculty of Civil Engineering, Architecture and Geodesy – Matice hrvatske 15, 21 000 Split, Croatia

City: Matice hrvatske 15, 21 000 Split | Country: Croatia

Assistant Professor

[2025 – Current]

- Teaching on courses: Photogrammetry, Remote sensing, Map projections, Geodetic reference frames, Land Development and Application of GIS in water resources management
- Research activities within scientific projects
- Solving engineering geodesy problems
- Development of GIS applications

Postdoctoral Researcher

[2022 – 2025]

- Teaching assistant on courses: Photogrammetry, Geoinformation modelling, Remote sensing, State survey, Map projections, Geodetic reference frames, Land Development and Application of GIS in water resources management
- Research activities within scientific projects
- Solving engineering geodesy problems
- Development of GIS applications

Research Assistant

[2015 – 2022]

- Teaching assistant on courses: Geodetic instruments, Geodetic maps, Photogrammetry, Remote sensing, State survey, Map projections and Application of GIS in water resources management
- Research activities within scientific projects
- Solving engineering geodesy problems
- Development of GIS applications

PROJECTS

[2023 – Current]

Pan-European Network of Green Deal Agriculture and Forestry Earth Observation Science (PANGEOS)

Funded by the COST (European Cooperation in Science and Technology)

[2022 – 2023]

Saltwater intrusion and climate change: monitoring, countermeasures and informed governance (SeCure)

Funded by European Regional Development Fund

[2022 – 2023]

PRvi korAk u karijeri - poslovi budućnosti u Graditeljstvu (PRAG)

Funded by European Social Fund

[2019 – 2022]

Monitoring Sea-water intrusion in coastal aquifers and Testing pilot projects for its mitigation (MoST)

Funded by European Regional Development Fund

[2014 – 2015]

Mine Action after the Flood, Regional Crisis Response, Technology Development and Capacity Building

Funded by Croatian Ministry of Foreign and European Affairs

[2013 – 2015]

Toolbox Implementation for Removal of Anti-personnel Mines, Submunitions and UXO (TIRAMISU)

European Commission FP7 research and development project

EDUCATION AND TRAINING

Doctor of Science (PhD)

Faculty of Geodesy, University of Zagreb [2013 – 2020]

Address: Kaciceva 26, 10 000 Zagreb (Croatia)

Master Engineer of Geodesy and Geoinformatics

Faculty of Geodesy, University of Zagreb [2010 – 2013]

Address: Kaciceva 26, 10 000 Zagreb (Croatia)

Bachelor Engineer of Geodesy and Geoinformatics

Faculty of Geodesy, University of Zagreb [2007 – 2011]

Address: Kaciceva 26, 10 000 Zagreb (Croatia)

LANGUAGE SKILLS

Mother tongue(s): Croatian

Other language(s):

English

LISTENING C1 READING C1 WRITING C1

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

German

LISTENING A2 READING A2 WRITING A2

SPOKEN PRODUCTION A2 SPOKEN INTERACTION A2

Italian

LISTENING A2 READING A2 WRITING A2

SPOKEN PRODUCTION A2 SPOKEN INTERACTION A2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

SKILLS

Programming skills

C / Python / SQL / R / Matlab

Software

Microsoft Office / Agisoft Metashape / Autodesk AutoCAD / PostgreSQL / Exelis ENVI / PostGIS / Bentley Microstation / ESRI ArcGIS / PiX4D Mapper / Trimble eCognition / QGIS

HONOURS AND AWARDS

Faculty of Geodesy, University of Zagreb

Award of the Faculty of Geodesy: 2009, 2010, 2011, 2012, 2013

The best student with excellent results

University of Zagreb

Rector's Award of the University of Zagreb: 2012

The best students scientific publications

PUBLICATIONS

Publications published in peer reviewed international journals

More information is available at:

CROSB: <https://www.croris.hr/crosbi/searchByContext/2/33126>

Google Scholar: <https://scholar.google.hr/citations?user=j-PZ0isAAAAJ&hl=hr&oi=ao>

ResearchGate: <https://www.researchgate.net/profile/Ivan-Racetin>

CONFERENCES AND SEMINARS

More than 20 scientific papers presented on international and national conferences

More information is available at:

CROSB: [https://www.bib.irb.hr/pretraga?operators=and|Racetin,%20Ivan%20\(33462\)|text|profile&report=1](https://www.bib.irb.hr/pretraga?operators=and|Racetin,%20Ivan%20(33462)|text|profile&report=1)

Google Scholar: <https://scholar.google.hr/citations?user=j-PZ0isAAAAJ&hl=hr&oi=ao>

ResearchGate: <https://www.researchgate.net/profile/Ivan-Racetin>

HOBBIES AND INTERESTS

Basketball

Olive growing

Cooking: barbecue and pizza