

Assistant Professor, Ph.D. Tome Marelić

University of Zadar, Department of Geography
Address: Dr. Franje Tuđmana 24i, 23000 Zadar
Scientific title: **Research Associate**
Scientist ID: **372551**

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EMPLOYMENT:

Since 2023: Assistant Professor in the Interdisciplinary area of science, field Geography, at the Department of Geography, University of Zadar

2021-2023: Postdoc Research Assistant in the Interdisciplinary area of science, field Geography, at the Department of Geography, University of Zadar

2016-2021: Research Assistant student in the Interdisciplinary area of science, field Geography, at the Department of Geography, University of Zadar

CLASSES:

Geoinformatics
Cartography I
Cartography II

Mathematical geography
Nautical geography
Introduction to scientific and research work

PROFFESIONAL EDUCATION:

University of Zadar, Department of Geography:

Postgraduate university scientific study *Adriatic - link between continents*,
Interdisciplinary area of science, scientific field of Geography (2016 – 2020)

Single-subject graduate university study of applied geography (2011 – 2013)

Single-subject undergraduate university study of geography, major: Applied Geography
(2008 – 2011)

EVALUATION PAPERS:

Doctoral thesis: *Točnost prikaza Jadranskog mora na portulanskim kartama*, Postgraduate university scientific study Adriatic - link between continents, University of Zadar, Zadar, December 23, 2020, advisor: J. Faričić

Graduation thesis: *Vjetar na hrvatskom dijelu Jadrana i njegov utjecaj na organizaciju pomorskih aktivnosti*, University of Zadar, Zadar, September 30, 2013, pp. 93, advisor: J. Faričić

PAPERS PUBLISHED IN JOURNALS:

- 14 Marelić, T. (2025): [Are Portolan Charts and Portolan Mile Geometrically Rooted in Classical Antiquity? A Cartometric Analysis of al-Shirazi's "Greek Map" and the *Pisane, Lucca, Avignon, and Cortona* Charts](#). *Cartographica: The International Journal for Geographic Information and Geovisualization* 59(4), 143-160. DOI: 10.3138/cart-2024-0029
- 13 Marelić, T. (2025): [Mosaics within Mosaics: The Geometry of Portolan Atlases that Contradicts the Medieval Origin Hypothesis](#). *KN - Journal of Cartography and Geographic Information*. DOI: 10.1007/s42489-024-00176-8
- 12 Marelić, T. (2024): [Copying-lineages of portolan chart metrics and implications of their pre-medieval origin](#), *International Journal of Cartography*, DOI: 10.1080/23729333.2024.2349974
- 11 Marelić, T. (2024): [Traces of the Common Origin of *Carte Pisane, Cortona Chart* and *Pietro Vesconte's charts*](#), *KN – Journal of Cartography and Geographic Information* 74 (2), 137-156. DOI: 10.1007/s42489-023-00154-6
- 10 Marelić, T. (2023): [Doubly Perceived Shape of the Adriatic Sea Basin on Early Modern Geographical Maps and Nautical Charts / Dvostruka percepcija izgleda bazena Jadranskoga mora na ranonovovjekovnim geografskim i pomorskim kartama](#), *Kartografija i geoinformacije* 22 (2), 20-41. DOI: 10.32909/kg.22.39.2
- 9 Marelić, T. (2023): [Geometric Stalemate and De-Evolution of Adriatic Sea Representations on Early Modern Age Nautical Charts](#), *The Cartographic Journal* 60 (3). DOI: 10.1080/00087041.2023.2172533
- 8 Marelić, T. (2023): [Certain Arguments Against the Hypothesis that Portolan Charts were Genuine Late-Medieval Cartographic Products](#), *International Journal of Cartography* 10 (1), 94-117. DOI: 10.1080/23729333.2022.2163146
- 7 Faričić, J., Marelić, T., Dundović, Z. (2022): [Manuscript Map of Illyricum, 1663, in the Pontifical Croatian College of St Jerome: a Supplement to Previous Knowledge](#), *Kartografija i geoinformacije*, 21 (Special Issue), 27-47. DOI: 10.32909/kg.21.si.3
- 6 Marelić, T. (2022): [The Origin of Distance and Bearing Navigational Data Contained in Portolani for the Adriatic Sea Basin](#), *International Journal of Cartography*. DOI: 10.1080/23729333.2022.2047402
- 5 Marelić, T. (2022): [Conformal Cylindrical Properties of Adriatic Sea Basin Renderings on Portolan Charts](#), *The Cartographic Journal*, 59 (2), 83–101. DOI: 10.1080/00087041.2021.1956263

- 4 Marić, I., Panda, L., Faričić, J., Šiljeg, A., Domazetović, F., Marelić, T. (2022): [Long-Term Assessment of Spatio-Temporal Landuse/Landcover Changes \(LUCCs\) of Ošljak Island \(Croatia\) Using Multi-Temporal Data—Invasion of Aleppo Pine](#), *Land*, 11 (5), 620, 1–38. DOI: 10.3390/land11050620
- 3 Faričić, J., Marelić, T., Levačić, P., Depierris, Šinko, Đ. (2020): [The Croatian Islands on Maps in André Thevet's Great Isolario and Pilot](#), *Hrvatski geografski glasnik*, 82 (2), 39–79. DOI: 10.21861/HGG.2020.82.02.02
- 2 Marelić, T. (2017): [Mogućnosti i problemi prikazivanja migracija na statičnim tematskim kartama](#), *Kartografija i geoinformacije*, 16(28), 4–24.
- 1 Marelić, T. (2016): [Utjecaj vjetra na organizaciju jedrenjačke plovidbe na hrvatskom dijelu Jadrana](#), *Geoadria*, 21(2), 211–236, DOI: 10.15291/geoadria.21.

PAPERS PUBLISHED IN MONOGRAPHS AND CONFERENCE PROCEEDINGS:

- 6 Faričić, J., Mirošević, L., Marelić, T., (2024): [Sukošanski jezični krajolik: geografski aspekti oblikovanja i korištenja toponima u Sukošanu i Debeljaku](#), in: *Sukošan – na dodiru Kotara i mora*, eds. Milorad Pavić i Mirisa Katić Piljušić, Sveučilište u Zadru, Zavod za povijesne znanosti HAZU u Zadru, Općina Sukošan i Turistička zajednica Općine Sukošan, 96–121.
- 5 Radoš, D., Perica, D., Marelić, T., (2024): [Klimatske značajke Općine Sukošan](#), in: *Sukošan – na dodiru Kotara i mora*, eds.: Milorad Pavić and Mirisa Katić Piljušić, Sveučilište u Zadru, Zavod za povijesne znanosti HAZU u Zadru, Općina Sukošan i Turistička zajednica Općine Sukošan, 34–47.
- 4 Perica, D., Radoš, D., Marelić, T., Krklec K., Domínguez Villar, D. (2024): [Geomorfološke značajke Općine Sukošan](#), in: *Sukošan – na dodiru Kotara i mora*, eds.: Milorad Pavić and Mirisa Katić Piljušić, Sveučilište u Zadru, Zavod za povijesne znanosti HAZU u Zadru, Općina Sukošan i Turistička zajednica Općine Sukošan, 18–33.
- 3 Faričić, J., Marelić, T., Surić, L. (2022): [Geografska motrišta oblikovanja i korištenja bibinjske toponimije](#), in: *Bibinje*, eds.. Ante Bralić and Ante Gverić, Sveučilište u Zadru, Matica hrvatska – Ogranak u Zadru i Općina Bibinje, Zadar, 90–105.
- 2 Marelić, T., Faričić, J. (2020): [Problemi suvremenoga društveno-gospodarskog razvoja Općine Polača](#), in: *Polački kraj u prošlosti i sadašnjosti* (zbornik radova), ed.: B. Došen, Ogranak Matice hrvatske u Zadru, Ilirija d.d., Zadar, 621–654
- 1 Faričić, J., Marelić, T. (2014): [Prirodno-geografske osnove razvitka Zadarske županije](#), in: *Potencijali društveno-gospodarskog razvitka Zadarske županije*, ed.: Josip Faričić, Sveučilište u Zadru, 44–61.

PARTICIPATION IN SCIENTIFIC PROJECTS:

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| 1 | collaborator on a scientific project <i>Early Modern Nautical Charts of the Adriatic Sea: Information Sources, Navigation Means and Communication Media</i> (NACHAS) (IP-2020-02-5339) funded by the Croatian Science Foundation (HRZZ) |
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PARTICIPATION AT INTERNATIONAL SCIENTIFIC CONFERENCES:

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| 16 | <i>European Cartographic Conference – EuroCarto 2024</i> , Vienna, Austria, September 9–11 2024 (presentation: <i>Mosaics within Mosaics: The Anatomy of Portolan Atlases</i>) |
| 15 | <i>20th International Conference on Geoinformation and Cartography</i> , The Croatian Cartographic Society and the Faculty of Geodesy of the University of Zagreb – Zagreb, Croatia and online, September 5–7, 2024 (presentation: <i>Are Portolan Charts and Portolan Mile Geometrically Rooted in Classical Antiquity? Cartometric Analysis of The Carte Pisane, Cortona, Avignon, Lucca Charts, and Al-Shirazi's "Greek Map"</i>) |
| 14 | <i>Early Modern Nautical Charts: Information Sources, Navigation Means and Communication Media (NACHAS)</i> , international conference on the history of cartography, University of Zadar and the Croatian Cartographic Society, Zadar and online, May 23–24, 2024 (presentation: <i>The Importance of Cartometric Analyses for Studies Related to The History of Cartography: The Example of The Adriatic Sea Basin</i>) |
| 13 | <i>19th International Conference on Geoinformation and Cartography</i> , The Croatian Cartographic Society, the Faculty of Geodesy of the University of Zagreb, the Department of Geography of the University of Zadar, and the Croatian Geographic Society – Zadar, Croatia, September 7–9, 2023 (presentation: <i>How Much Did Late Medieval Cartographers Really Know About the Geometry of Portolan Charts?</i>) |
| 12 | <i>On the Origin and Evolution of the Nautical Chart</i> , IV International Workshop, 25-26 May 2023, Instituto Hidrográfico, Lisbon, Portugal (presentation: <i>Certain Arguments Against the Hypothesis that Portolan Charts were Genuine Late-Medieval Cartographic Products</i>) |
| 11 | <i>European Cartographic Conference – EuroCarto 2022</i> , Vienna, Austria, September 19–21 2022 (presentation: <i>Local Map Scale Exaggerations of Island Representations on Early Modern Nautical Charts of the Adriatic Sea</i> , co-author: J. Sutlović) |
| 10 | <i>18th International Conference on Geoinformation and Cartography</i> , Croatian Cartographic Society and the Faculty of Geodesy, University of Zagreb, Selce, Croatia, September 14–16, 2022 (presentation: <i>The Contribution of Jacques Nicholas Bellin to the Cartographic Representation of the North-Eastern Adriatic Coast</i> , co-authors: J. Sutlović, J. Faričić) |

- 9 *UGI-IGU Paris 2022 Centennial Congress*, Paris, France, July 18–2 2022 (presentation: *Historical-GIS Cartometric Analysis of the Adriatic Sea Coastline Representations on Jacques-Nicolas Bellin's Charts*, co-author: J. Sutlović)
- 8 *18th "Islands of the World" Conference Islands: Nature and Culture*, Zadar, Croatia, June 13–17 2022 (presentation: *Variations in Representations of Adriatic Sea Islands on Early Modern Nautical Charts and Geographical Maps*, co-authors: J. Sutlović, J. Faričić)
- 7 *30th International Cartographic Conference (ICC 2021)*, International Cartographic Association and Accademia Italiana Cartografia, Florence, Italy, December 14–18 2021 (presentation 1: *Were Portolan Charts and Portolani made upon Authentic Late Medieval Maritime Measurements? Example for the Adriatic Sea Basin Area*, presentation 2: *Renderings of the Adriatic Sea Coastline on Early Modern Age Nautical Charts in the Context of their Navigational Applicability*, co-author: J. Faričić)
- 6 *17th International Conference on Geoinformation and Cartography*, Croatian Cartographic Society and the Faculty of Geodesy, University of Zagreb, Zagreb, Croatia, September 23–25 2021 (presentation: *Reflection of the Perception of Spherical Coordinates for the Adriatic Sea Area on the Accuracy of Early Modern Nautical Charts and Geographical Maps*, co-author: J. Faričić)
- 5 *15th international conference Geoinformation and Cartography*, Zagreb, Vodnjan, Pula, Brijuni islands and Venice, September 26–29 2019 (presentation: *Evidence of Loxodromic Geometry of Portolan Charts (the Example of the Adriatic Sea Basin)*)
- 4 *11th Meeting of European Geographers of Religion: International Colloquia on the Changing Religious Landscape of Europe*, Prague, Czech Republic, June 27–28 2019 (presentation: *Disappearances of Religious Minorities Groups? Challenges in Mapping Religious structure of Population*, co-authors: J. Faričić, L. Mirošević)
- 3 *14th International Conference on Geoinformation and Cartography*, Croatian Cartographic Society and the Faculty of Geodesy, University of Zagreb, Zagreb, Croatia, September 27–29 2018 (presentation: *Mapping of Adriatic Sea on Portolan Charts: a Cartometric Analysis*)
- 2 *13th International Conference on Geoheritage, Geoinformation and Cartography*, Croatian Cartographic Society and the Faculty of Geodesy, University of Zagreb, Selce, Croatia, September 7–9 2017 (presentation: *Everyone Makes Mistakes: how the Wrong Triangle Peak Was Selected Two Hundred Years Ago for the Cadastral Survey of the Croatian Coastal Area*, co-author: J. Faričić)
- 1 *10th Meeting of European Geographers of Religion: International Colloquia on the changing Religious Landscape of Europe*, Museum of the City of Łódź and Łódź University of Technology, Łódź, Poland, November 4–6 2016 (presentation: *Religious Elements in the Cultural Landscape of Northern Dalmatia in the Modern Age – Destruction, Obliteration and Renewal*, co-author: J. Faričić, L. Mirošević)

PARTICIPATION AT DOMESTIC SCIENTIFIC CONFERENCES:

- 5 *Kožino – temeljne odrednice mjesnog identiteta: prostor, prošlost i jezična baština*, Sveučilište u Zadru i Župa sv. Mihovila u Kožinu, September 28 2022 (presentation: *Geografska motrišta oblikovanja i korištenja kožinske toponimije*, co-author: J. Faričić)
- 4 *Preko i njegovo područje*, Sveučilište u Zadru, Općina Preko, Preko, Croatia, June 25-26 2021 (presentation: *Geografske osnove vrednovanja prirodne i kulturne baštine otočica Ošljaka (Lazareta)*, co-authors: J. Faričić, A. Šiljeg, I. Marić)
- 3 *Sukošan – na dodiru Kotara i mora*, Sveučilište u Zadru, Općina Sukošan, Sukošan, Croatia, September 14-15 2018 (presentation 1: *Geomorfološke značajke Općine Sukošan*, co-authors: D. Perica, D. Radoš, presentation 2: *Klimatske značajke Općine Sukošan*, co-authors: D. Perica, D. Radoš)
- 2 *12. savjetovanje Kartografija i geoinformacije*, Hrvatsko kartografsko društvo, Zagreb, Croatia, November 16-18 2016 (presentation: *Mogućnosti i problemi prikazivanja migracija na tematskim kartama*)
- 1 *Polački kraj u prošlosti i sadašnjosti*, u organizaciji Ogranka Matice hrvatske u Zadru, Polača, Croatia, May 7 2016 (presentation: *Problemi suvremenoga društveno-gospodarskog razvoja Općine Polača*, co-author: J. Faričić)

PARTICIPATION IN PROFESSIONAL MEETINGS:

- 2 *11. Seminar Josipa Roglića* u organizaciji Hrvatskog geografskog društva Zadar i hrvatske Agencije za odgoj i obrazovanje, Zadar, Croatia, April 6 2018 (presentation: *Varijabilnost prikaza duljina na različitim kartografskim projekcijama*)
- 1 *9. Seminar Josipa Roglića* u organizaciji Hrvatskog geografskog društva Zadar i hrvatske Agencije za odgoj i obrazovanje, Zadar, Croatia, July 1 2016 (presentation: *Migracije na tematskim kartografskim prikazima*)

PARTICIPATION IN PROFESSIONAL PROJECTS:

- 5 During 2022: collaborator in the creation of the document *Strategija razvoja urbanog područja Zadar 2021. – 2027.: analiza stanja i trendova*
- 4 During 2021 collaborator on the project *ASPIRE – Advanced logistics platform with road pricing and access criteria to improve urban environment and mobility of goods*
- 3 From 2020 to 2021: collaborator on the project *STREAM – Strategic Development of Flood Management*

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| 2 | From 2017 to 2018: collaborator on the project <i>CHESTNUT – CompreHensive Elaboration of Strategic plaNs for sustainable Urban Transport</i> |
| 1 | During 2017: collaborator on the project <i>MOBILITAS – MOBility for nearLy-zero CO2 in medITerranean tourism destinAtionS</i> |

POPULARIZATION OF SCIENCE:

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| 3 | <i>Morski utorak</i> (Gradska knjižnica Zadar, March 23 2023, presentation: <i>Poznato, manje poznato i nepoznato o povijesnom razvoju pomorskih karata, s detaljnim osvrtom na prikaze Jadranskog mora</i>) |
| 2 | <i>Festival znanosti</i> (Studentski klub Božo Lerotić Zadar, April 19 2018, presentation: <i>Otkrivanje mogućnosti preslikavanja sfere u ravninu: razvoj kartografskih projekcija</i>) |
| 1 | <i>Morski utorak</i> (Gradska knjižnica Zadar, February 21 2017, presentation: <i>Utjecaj vjetra na organizaciju jedrenjačke plovidbe na istočnom dijelu Jadrana</i>) |

PARTICIPATION IN SCIENTIFIC AND ORGANIZATIONAL COMMITTEES:

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| 4 | International scientific conference: <i>Early Modern Charts: Information Sources, Navigation Means and Communication Media (NACHAS)</i> , University of Zadar and The Croatian Cartographic Society, Zadar, Zadar and online, May 23–24, 2024 – president of the organizing committee |
| 3 | International scientific conference: <i>19th International Conference Geoinformation and Cartography</i> , The Croatian Cartographic Society. Faculty of Geodesy at University of Zagreb, Department of Geography at University of Zadar, and Croatian Geographic Society – Zadar, Zadar and online, September 7–9, 2023 – member of the organizing committee |
| 2 | International scientific conference: <i>14th International Conference on Geoinformation and Cartography</i> , Croatian Cartographic Society and the Faculty of Geodesy, University of Zagreb, Zagreb, Croatia, September 27–29 2018 – member of the organizing committee |
| 1 | International scientific conference: <i>Man and Karst 2017, International Scientific Meeting</i> , University of Zadar, Zadar, Croatia, June 26–29 2017 – member of the organizing committee |

PROFESSIONAL SIDE EDUCATION:

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| 2 | <i>FME Desktop Basic Training</i> , Multisoft d.o.o., June 11 2021 |
| 1 | <i>Putting ArcGis to Use Across Your Organization</i> , Esri training, June 19 2019 |

WORKSHOPS:

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| 1 | <i>International Scientific Meeting and Workshop Easy going Landscapes</i> , 14-21 April 2011, international landscape and spatial planning workshop, University of Zadar |
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AWARDS:

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| 4 | HGD Zadar (<i>Croatian Geographic Society – Zadar</i>) <i>Frederik Grisogono Award</i> in 2013 for outstanding success in studying geography |
| 3 | HGD Zadar (<i>Croatian Geographic Society – Zadar</i>) <i>Frederik Grisogono Award</i> in 2012 for outstanding success in studying geography |
| 2 | HGD Zadar (<i>Croatian Geographic Society – Zadar</i>) <i>Frederik Grisogono Award</i> in 2011 for outstanding success in studying geography |
| 1 | HGD Zadar (<i>Croatian Geographic Society – Zadar</i>) <i>Frederik Grisogono Award</i> in 2010 for outstanding success in studying geography |

OTHER ASSIGNMENTS:

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| 3 | Since 2024: Chairmanship member of Croatian Cartographic Society, section for cartographic heritage |
| 2 | From 2019 to 2023: member of the Quality Committee at the Department of Geography |
| 1 | From 2018 to 2022: treasurer of the Croatian Geographical Society - Zadar |