



Joško Trošelj

Work permit: Croatian

Date of birth: 11/05/1986

Place of birth: Rijeka, Croatia

Nationality: Croatian

Gender: Male

CONTACT

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 (+81) 083489957



WORK EXPERIENCE

Ruđer Bošković Institute Zagreb, Croatia

Business or Sector Professional, scientific and technical activities |

Department Division for Marine and Environmental Research |

Email josko.troselj@irb.hr | **Website** <https://www.irb.hr/>

Link <https://www.irb.hr/eng/Divisions/Division-for-Marine-and-Environmental-Research/Laboratory-for-Informatics-and-Environmental-Modelling/Employees/Josko-Troselj>

Znanstveni suradnik (Research Associate)

01/03/2024 – Current

Creation of methodologies and approaches to increase resistability of ecosystem against increasing trends of synergistic precipitation, riverine and coastal disasters under climate change.

Stvaranje metodologija i pristupa povećanja otpornosti ekosustava na rastuće sinergijske trendove oborinskih, riječnih i obalnih katastrofa kao smjernice adaptacija na klimatske promjene.

Lab Head: Tin Klanjšček

National Institute for Environmental Studies, Center for Climate Change

Adaptation Tsukuba, Japan

Znanstveni suradnik (Research Associate)

01/04/2022 – 29/02/2024

Development and regional application of the H08 hydrological model to Japan and conducting a long-term hydrological analysis to deploy inter-disciplinary studies with a variety of academic fields including social sciences.

> Razvoj i regionalna primjena hidrološkog modela H08 u Japanu i provođenje dugoročne hidrološke analize za implementaciju interdisciplinarnih studija s različitim akademskim područjima uključujući društvene znanosti.

Mentor: Naota Hanasaki

Hiroshima University Higashihiroshima, Japan

Docent (Assistant Professor)

01/04/2019 – 31/03/2022

> Do 31. ožujka 2020 sam pripadao Zavodu "Graduate School for International Development and Cooperation", s nakon toga je Zavod reformiran u "Graduate School of Advanced Science and Engineering".

Development of Early Warning System for real-time forecasting of rainfall-induced and related river and ocean disasters.

> Razvoj sustava ranog upozoravanja za predviđanje riječnih i oceanskih katastrofa izazvanih kišom i povezanih katastrofa u realnom vremenu.

Lab Head: Han Soo Lee

Kyoto University, Disaster Prevention Research Institute, Coastal Engineering Laboratory Kyoto, Japan

Znanstveni suradnik na projektu (Project Researcher)

01/05/2017 – 31/03/2019

The Social Implementation Program on Climate Change Adaptation Technology (SI-CAT) Project.



Downscaling of coastal current from JAMSTEC FORA-WNP30 in the regional scale using COAWST (ROMS).
> Projekt programa društvene prilagodbe za tehnologije adaptacije prema klimatskim promjenama (SI-CAT).
Smanjenje rezolucije modela priobalnih oceanskih strujanja COAWST (ROMS) s JAMSTEC FORA-WNP30 na regionalnu razinu.
> Mentor: Nobuhito Mori

Kyoto University, Disaster Prevention Research Institute, Takara Laboratory Kyoto, Japan

Asistent u istraživanju (Research Assistant)

01/10/2015 – 11/11/2016

Assistance in research activities within Takara Lab.

> Pomoć u istraživačkim aktivnostima unutar Takara Laba.

> Mentor: Kaoru Takara

University of Rijeka, Faculty of Civil Engineering Rijeka, Croatia

Demonstrator (Student's Tutor)

01/03/2008 – 31/07/2010

Teaching students about Structural Mechanics courses:

Structural Mechanics, part 1 (in academic year 2008/09)

Structural Mechanics, part 2

> Podučavanje studenata o predmetima konstrukcijske mehanike:

> Građevinska statika, 1. dio (u akademskoj godini 2008/09)

> Građevinska statika, 2. dio

> Advisor: Dragan Ribaric

Centrum Technologiczne Budownictwa Przy Politechnice Rzeszowskiej Sp. z o.o. Rzeszow, Poland

IAESTE studentska razmjena (student's internship)

17/08/2009 – 25/09/2009

Participation in testing of many concrete parameters both on construction sites and in a laboratory.

> Sudjelovanje u ispitivanju mnogih parametara betona na gradilištima i u laboratoriju.

> Mentor: Grzegorz Bajorek

EDUCATION AND TRAINING

01/10/2012 – 24/11/2016 Kyoto, Japan

Doctor of Philosophy (Engineering), Global COE Human Security Engineering Program Kyoto University, Graduate School of Engineering, Department of Civil and Earth Resources Eng.

Thesis title: Fluvial Influence on Estuarine Sediment Transport Processes and Linkage of Its Outflow Data to Coastal Modeling

> Doktorski rad: Fluvijalni utjecaj na procese transporta sedimenata u estuariju i povezivanje podataka o njegovom otjecanju s obalnim modeliranjem

> Mentori: Kaoru Takara, Yosuke Yamashiki, Takahiro Sayama

Level in EQF EQF level 8

04/03/2014 – 20/03/2014 Yokohama, Japan

GCOE-HSE Research visit Earth Simulator Center, Japan Agency for Marine-Earth Science and Technology, MSSG Group

Land-Ocean Mutual Interaction: Sediment Transportation Processes Induced by River Runoff in Coastal Zones

> Međusobna interakcija kopna i oceana: procesi transporta sedimenta izazvani otjecanjem rijeke u obalnim zonama

> Mentori: Shinichiro Kida, Keiko Takahashi



03/12/2012 – 08/02/2013 Yokohama, Japan

GCOE-HSE Advanced Capstone Project Earth Simulator Center, Japan Agency for Marine-Earth Science and Technology, MSSG Group

Land-Ocean Mutual Interaction: Sediment Transportation Processes Induced by River Runoff in Coastal Zones
> Međusobna interakcija kopna i oceana: procesi transporta sedimenta izazvani otjecanjem rijeke u obalnim zonama
> Mentori: Shinichiro Kida, Keiko Takahashi

30/11/2011 – 30/01/2012 Varazdin, Croatia

Autocad 3D tečaj IVORA

> Osnovni principi AutoCada
> Napredni principi 2D i 3D AutoCada
> Izrada 3D modela i vizualizacije u AutoCadu

National classification Autocad Designer

01/07/2004 – 16/11/2011 Rijeka, Croatia

Dodiplomski studij Građevinarstva Građevinski Fakultet Sveučilišta u Rijeci

> Smjer: Hidrotehnički
> Diplomski rad: Utjecaj planirane akumulacije "Zoretići" na vodnu bilancu gornjeg toka rijeke Rječine.
> Mentor: Nevenka Ožanić

Level in EQF EQF level 7

13/05/2010 – 03/12/2010 Zagreb, Croatia

Poslovna škola Hrvatske Udruge poslodavaca, PUMA program usavršavanja menadžera Croatian Employers' Association

> Prezentacijske i komunikacijske vještine, Marketing, Timski rad, Prodajne vještine, Osnove financija i poslovnog planiranja, Poslovna etika i društvena odgovornost poduzeća, Alati upravljanja, Poduzetništvo i vodstvo, Upravljanje ljudskim resursima, Radno pravo u praksi

01/09/2000 – 30/06/2004 Rijeka, Croatia

Matematička gimnazija Prva Sušačka Hrvatska Gimnazija

28/09/1999 – 08/07/2000 Rijeka, Croatia

Cambridge ESOL Key English Test - "Pass" Veleučilište u Rijeci

> Dodatni tečaj engleskog jezika "Project English III", koji je završio polaganjem Cambridge ESOL Key English Test
a

LANGUAGE SKILLS

MOTHER TONGUE(S): Croatian



Other language(s):

English

Listening C2

Spoken production C2

Reading C2

Spoken interaction B1

Writing C2

Japanese

Listening A2

Spoken production C1

Reading A2

Spoken interaction B1

Writing A2

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

SKILLS

MATLAB | CDRM | H08 | ROMS-COAWST | Fortran | ArcGIS | Linux | Parallel Computing
| GrADS | QGIS | AutoCAD | Python | MSSG | Panel Pro

PUBLICATIONS

Publikacije - WoSCC indeksirane (A kategorija)

Refereed Journal Article

Recenzirani Znanstveni Rad

1. **Trošelj J.** and Hanasaki N. [Simulating the Tone River eastward diversion project in Japan carried out 4 centuries ago](#); Hydrology and Earth System Sciences 29 (3), 753-766, doi.org/10.5194/hess-29-753-2025, 2025.
2. **Trošelj J.**, Nayak S., Hobohm L. and Takemi T. [Real-time Flash Flood Forecasting Approach for Development of Early Warning Systems: Integrated Hydrological and Meteorological Application](#); Geomatics, Natural Hazards and Risk 14(1): 2269295, doi.org/10.1080/19475705.2023.2269295, 2023.
3. **Trošelj J.**, Lee HS. and Hobohm L. [Enhancing a Real-Time Flash Flood Predictive Accuracy Approach for the Development of Early Warning Systems: Hydrological Ensemble Hindcasts and Parameterizations](#), Sustainability 15(18), 13897; https://doi.org/10.3390/su151813897, 2023.
4. **Trošelj J.** and Lee HS. [Modelling Typhoon-Induced Extreme River Discharges: A Case Study of Typhoon Hagibis in Japan](#), Journal of Hydrology: Regional Studies 34: 100776, doi.org/10.1016/j.ejrh.2021.100776, 2021.
5. **Trošelj J.**, Ninomiya J., Takewaka S. and Mori N. [Dynamical Downscaling of Coastal Dynamics for Two Extreme Storm Surge Events in Japan](#), Frontiers in Marine Science 7: 566277, doi.org/10.3389/fmars.2020.566277, 2021.
6. **Troselj J.**, Sayama T., Varlamov SM., Sasaki T., Racault M-F., Takara K., Miyazawa Y., Kuroki R., Yamagata T., Yamashiki Y. [Modeling of extreme freshwater outflow from the north-eastern Japanese river basins to western Pacific Ocean](#), Journal of Hydrology, Vol. 555, pp. 956-970, doi.org/10.1016/j.jhydrol.2017.10.042, 2017.

Publikacije - J-STAGE indeksirane (B kategorija)

Refereed Journal Article

Recenzirani Znanstveni Rad

7. **Troselj J.**, Imai Y., Ninomiya J., Mori N. [Seasonal Variabilities of Sea Surface Temperature and Salinity on Ibaraki Coast](#), Journal of Japan Society of Civil Engineers, Ser. B2 (Coastal Engineering), Vol. 75, No. 2, pp. 1213-1218, doi.org/10.2208/kaigan.75.I_1213, 2019.



8. Trošelj J., Imai Y., Ninomiya J., Mori N. [Coastal Current Downscaling Emphasizing Freshwater Impact on Ibaraki Coast](#), Journal of Japan Society of Civil Engineers, Ser. B2 (Coastal Engineering), Vol. 74, No. 2, pp. 1357-1362, doi.org/10.2208/kaigan.74.I_1357, 2018.
9. Nayak S., Trošelj J., Pattnayak KC., Bharambe KP. [Exploring the Underlying Patterns and Relationships Between Temperature and Heavy Rainfall Events over Western Japan](#); Computing, Communication and Intelligence, 300-304, eBook ISBN: 9781003581215, doi.org/10.1201/9781003581215, 2025. Book Chapter.
10. Hamano, R., Ninomiya, J., Trošelj J., Mori N. [Analysis of Polar Front and Thermal Environment in the Sea of Japan using Long-Term Ocean Reanalysis Data](#), Journal of Japan Society of Civil Engineers, Ser. B2 (Coastal Engineering), Vol. 75, No. 2, pp. 1201-1206, doi.org/10.2208/kaigan.75.I_1201, 2019.
11. Ninomiya J., Hamano R., Mori N., Trošelj J., Ishikawa Y., Nishikawa S. [Evaluation of Reproducibility and Water Flux Analyses at Straits of Japan Sea using Long-term Ocean Reanalysis Data](#), Journal of Japan Society of Civil Engineers, Ser. B3 (Ocean Engineering), Vol. 74, No. 2, pp. 988-993, doi.org/10.2208/jscejoe.74.I_988, 2018.

Publikacije - C kategorija i ostale

Zbornik Radova Zavoda, stručni rad

12. Trošelj J., Ozanic, N. [Influence of Planned Reservoir Zoretici to Possibilities of Using Water Resources of Rjecina River](#), Proceedings of University of Rijeka, Faculty of Civil Engineering, Vol. 15, pp. 59-83, 2013.

Zbornik Radova Zavoda, znanstveni rad

13. Trošelj J., Yamashiki, Y., Takara, K. [Ocean Circulation Response to Inflow from Abukuma River Outlet](#), Disaster Prevention Research Institute Annuals Vol.56 B, pp. 87-95, 2013.

Zbornik Konferencijskih Radova

14. Trošelj J. and Hanasaki N. Great steps forward can be made for improving quality of life with small human engineering waterworks and small destructions of natural flows. [Great steps forward can be made for improving quality of life with small human engineering waterworks and small destructions of natural flows](#), European Geosciences Union General Assembly 2025, Vienna, Austria, available within the EGU system 01/05-31/05/2025.
15. Trošelj, J.; Dominović, I.; Pečar Ilić, J.; Ciglencčki, I.; Kirillin, G. [On underlying water circulation physical mechanisms and interactions in the water column layers of marine lake "Zmajevsko oko" near Rogoznica](#). // Knjiga sažetaka V. znanstveno-stručnog skupa Prilagodbe na klimatske promjene i očuvanje morskih ekosustava Jadranskog mora s međunarodnim sudjelovanjem, Zadar, 2024.
16. Trošelj J. and Hanasaki N. [Long-Term Historical Climate Trends and Natural Variabilities of ISIMIP2b and Observed Precipitation Data in Japan Since 1891](#). Japan Society of Hydrology and Water Resources / Japan Society of Hydrological Sciences 2022 Research Proceedings 117: OP-10-08, https://doi.org/10.11520/jshwr.35.0_117; 2022.
17. Trošelj J. [Hydrological Ensemble Approach for Flash Flood Early Warning System Development](#). American Geophysical Union Fall Meeting 2022, id. H52I-0570 (Poster), Chicago, United States, 12-16 December 2022.
18. Trošelj J., Nayak, S., Hobohm, L. and Takemi, T. [Hydrometeorological Real-Time Forecasting Framework for Flash Flood Early Warning System Development](#). American Geophysical Union Fall Meeting 2022, id. A45F-12 (Oral), Chicago, United States, 12-16 December 2022.
19. Trošelj J. and Lee HS. [A Method to Forecast Extreme River Discharges from Typhoon Hagibis 2019 and Western Japan Floods 2018](#). Japan Geoscience Union - American Geophysical Union Joint Meeting 2020, id. AOS25-P04, Tokyo, Japan, 2020. Publiciran u obliku online iPostera
20. Trošelj J., J Ninomiya, N Mori, 2020. [Future Projection and Assessment of Natural Variabilities of the Ibaraki Coastal Current System](#). Japan Geoscience Union - American Geophysical Union Joint Meeting 2020, id. ACG60-04 (iPoster with short Oral talk), Tokyo, Japan, 2020. Publiciran u obliku online iPostera.
21. Hanasaki N and Trošelj J. [Simulating the historical human engineering waterworks in Tone River](#). Japan Geoscience Annual Meeting 2025, Oral Presentation on 26/05/2025 within session AHW24-12, from 05.00 to 05.15 CET.

Pozvano Konferencijsko Predavanje

22. Trošelj J., Imai Y., Ninomiya J., Mori N. Downscaling of Coastal Current to 200 m Scale in the Ibaraki Prefecture with Included Freshwater Outflow Impact, Japan Geoscience Annual Meeting, Tokyo, Japan, 21/5/2018.

Pozvano Međunarodno Predavanje

23. Trošelj J., Modeling of Extreme Freshwater Outflow from the North-Eastern Japanese River Basins to Western Pacific Ocean, 12th Scientific Colloquium of the University of Rijeka, Rijeka, Croatia, 22/12/2017.



NETWORKS AND MEMBERSHIPS

Mreže i članstva

1. 2013 – present: Member of the Japan Geoscience Union (JPGU)
2. 2018 – present: Penkala Association (PA: Udruga Penkala)
3. 2025 – present: Member of the Croatian Hydrological Association (HHD: Hrvatsko Hidrološko Društvo)
4. 2025 – present: Member of the European Geosciences Union (EGU)
5. 2015; 2025 – present: Croatian Mensa (CM: Hrvatska Mensa)
6. 2022 – 2023: Member of the Japan Society of Hydrology and Water Resources (JSHWR)
7. 2019 – 2022: Member of the Japan Society of Civil Engineers (JSCE)
8. 2022: Member of the American Geophysical Union (AGU)
9. 2014 – 2021: Member of the Asia Oceania Geosciences Society (AOGS)
10. 2004 - 2006: Member of the Croatian Academic Association (CAA, HAZ: Hrvatska Akademaska Zajednica)

PROJECTS

Projekti

Principal Investigator on the following projects:

1. **2025-present: Continuation of Development and Enhancement** of the Integrated Natural Disaster Early Warning System **Foundations**, “Strengthening the potential of young scientists, for scientists-returners (MZ1-25)”, by the Ruđer Bošković Institute funding from the **Croatian National Recovery and Resilience Plan 2021-2026**.
2. **2024-2025: Creation and Development** of the **Basics** for the **Early Warning System** from Integrated Natural Disasters, “Strengthening the potential of young scientists, for scientists-returners (MZ1-24)”, by the **Ruđer Bošković Institute** funding from the Croatian National Recovery and Resilience Plan 2021-2026.

Research Collaborator on the following projects:

3. **2022-2024: [Creation and development of information on water and its surrounding environment for the creation of water symbiosis studies](#)**, (Budget amount: ¥216,840,000), by the Japan Society for the Promotion of Science (**KAKENHI**; grant no. 21H05178).
4. **2022-2024: Research on Advancement of Climate Change Impact Assessment Methodology**, by the National Institute of Environmental Studies (**NIES**)
5. **2020-2022: [The Fugaku Project: Large Ensemble Atmospheric and Environmental Prediction for Disaster Prevention and Mitigation, Theme 1: Short-range regional prediction](#)** (Grant number: JPMXP1020200305), by the Japanese Ministry of Education, Culture, Sports, Science and Technology
6. **2019-2022: Collaborative Research fund**, by the Disaster Prevention Research Institute (**DPRI**) at Kyoto University and Hiroshima University.
7. **2019-2022: [Integrated Research Program for Advancing Climate Models, Theme D: Integrated Hazard Prediction \(TOUGOU\)](#)**, (Grant number: JPMXD0717935498), by the Japanese Ministry of Education, Culture, Sports, Science and Technology (MEXT).
8. **2017-2019: Social Implementation Program on Climate Change Adaptation Technology (SI-CAT)**, by the Japanese Ministry of Education, Culture, Sports, Science and Technology (MEXT).
9. **2012-2016: The UNESCO International Hydrological Programme (UNESCO-IHP)**.

HONOURS AND AWARDS

Počasti i nagrade

Nagrade (Awards)

1. Regional Design Team (RDT) Silver Prize in the “Contest for Sharp and Brilliant Ideas” by Hiroshima University 2020, Japan.
2. Supported with scholarship by Ministry of Education, Culture, Sports, Science, and Technology (MEXT) from 2012 to 2015, Japan.
3. Supported with grant aid by Global COE Program: Human Security Engineering (GCOE-HSE) from 2012 to 2015, Japan.
4. Supported with scholarship by the Ministry of Science, Education and Sport (MZOS), Croatia.

Počasti (Honours)

5. Participated in the regional science elevator competition „Falling Walls Lab Tokyo 2018“, by German Research and Innovation Forum Tokyo (DWIH Tokyo), Japan, 2018.
6. Achieved the best score on the entrance exam for admission to the Integrated Bachelor and Master study program of the Faculty of Civil Engineering at the University of Rijeka, Croatia, 2004.



7. Achieved the highest possible score of (IQ \geq 172) on the official IQ test by Croatian Mensa, Croatia, 2002.
8. After 1st place at the regional competition, participated at the National competition of young mathematicians, Croatia, 2001.
9. Achieved the highest ever score of 6402 on the online Board Risk Game Conquer Club (<https://www.conquerclub.com/player.php?mode=mygames&login=1>), which exists since 2006. Under their ranking system, score of 6402 is nearly equivalent to ELO rating of 3201 in chess. Only 3 other players ever did achieve rating of 6000+.

VJEŠTINE ZA OBAVLJANJE POSLA

Vještine za obavljanje posla

> Hidrologija, Hidrometeorologija, Upravljanje vodnim resursima, Obalno inženjerstvo, Numferičko, fizičkalno i klimateološko modeliranje, Analiza podataka, Transport edimenta, Kompleksni sustavi, Prirodne katastrofe, Znanost o prevenciji katastrofa, Programiranje, Matematika, Statistika, Građevinska statika, Korištenje alata za pripremu podataka, Smisao za aedukativnost.

OSTALE VJEŠTINE

Ostale vještine

- > Hrvatske vozačke dozvole za AM, A1, A2, A, B, F i G kategorije.
- > Rezervni vratar u pionirima NK "Rijeka" 1997. godine. (Trener: Marijan Brnčić, Marijan Bjelanović)
- > Rezervni vratar i vratar u mlađim uzrastima NK "Grobničan" od 1998. do 2004. godine. (Treneri: Gordan Deluka, Marinko Šestan, Mauro Uljanić)
- > Hrvatski nogometni sudac od 2002. godine, s državnom licencom od 2011. godine. (Mentor: Đuro Anić)
- > Aktivan u mnogim sportovima i igrama (stolni tenis, košarka, trčanje, šah, kartaške igre, backgammon, nogomet, rizik, igra 29).

KONFERENCIJE I RADIONICE

Konferencije i radionice

1. European Geosciences Union General Assembly, Vienna, Austria, May 2025 (Hybrid)
2. Japan Geoscience Annual Meeting, Tokyo, Japan, May 2025 (Oral)
3. V. znanstveno-stručnog skup Prilagodbe na klimatske promjene i očuvanje morskih ekosustava Jadranskog mora s međunarodnim sudjelovanjem, Zadar, September 2024 (Oral)
4. Land Surface Processes Modelling Workshop, The University of Tokyo, Tokyo, March 2023 (Poster)
5. AGU Fall Meeting 2022, Chicago, United States, December 2022 (Oral and Poster)
6. Japan Society of Hydrology and Water Resources, Kyoto, Japan, September 2022 (Oral)
7. AOGS 2021 Virtual 18th Annual Meeting (Online), Singapore, Singapore, August 2021 (Oral)
8. Japan Geoscience Annual Meeting (Online), Tokyo, Japan, June 2021 (Oral and Poster)
9. DPRI Annual Meeting (Online), Kyoto, Japan, February 2021 (Oral)
10. Japan Geoscience Annual Meeting (Online), Tokyo, Japan, July 2020 (2 iPosters with 2 Short Oral Talks)
11. Japan Society of Civil Engineers (Coastal Engineering), Kagoshima, Japan, October 2019 (Oral)
12. Asia Oceania Geoscience Society, Singapore, Singapore, July 2019 (Oral)
13. International Conference on Water Resources and Environment Research, Nanjing, China, June 2019 (Oral)
14. Japan Geoscience Annual Meeting, Tokyo, Japan, May 2019 (2 Oral Talks)
15. DPRI Annual Meeting, Kyoto, Japan, February 2019 (Oral)
16. Japan Society of Civil Engineers (Coastal Engineering), Tottori, Japan, November 2018 (Oral)
17. Asia Oceania Geoscience Society, Honolulu, USA, June 2018 (Oral)
18. Japan Geoscience Annual Meeting, Tokyo, Japan, May 2018 (Oral-Invited Talk and Oral)
19. "Breaking the Wall of Fundamentals in Stability of Structures", Falling Walls Lab Tokyo, Tokyo, Japan, May 2018 (Oral)
20. DPRI Annual Meeting, Kyoto, Japan, February 2018 (Oral)
21. 2nd Ocean Surface Waves and Wave-Coupled Processes Workshop, Qingdao, China, October 2017 (Oral)
22. Japan Geoscience Annual Meeting, Tokyo, Japan, May 2017 (Poster)
23. Japan Geoscience Annual Meeting, Tokyo, Japan, May 2016 (Poster)
24. DPRI Annual Meeting, Kyoto, Japan, February 2016 (Oral)
25. The Asia Pacific Association of Hydrology and Water Resources, Singapore, August 2015 (Oral)
26. Japan Geoscience Annual Meeting, Tokyo, Japan, May 2015 (Oral)
27. DPRI Annual Meeting, Kyoto, Japan, February 2015 (Oral)
28. Asia Oceania Geoscience Society, Sapporo, Japan, July 2014 (Oral)
29. Japan Geoscience Annual Meeting, Yokohama, Japan, April 2014 (Poster)



30. "Raising awareness and preparedness for earthquakes in Croatia", Disaster Reduction Hyperbase Asia workshop in elementary school "Podmurvice", Rijeka, Croatia, December 2013 (Oral)
31. Risk Identification and Land-Use Planning for Disaster Mitigation of Landslides and Floods in Croatia, 4th Project Workshop, Split, Croatia, December 2013 (Oral)
32. GCOE-ARS Final Symposium, Kyoto, Japan, December 2013 (Poster)
33. DPRI Summer Camp for Disaster Prevention Group, Shiga prefecture, Japan, September 2013 (Poster)
34. The Asia Pacific Association of Hydrology and Water Resources, Climate Change and Water Security, Seoul, Korea, August 2013 (Oral)
35. DPRI Annual Meeting, Kyoto, Japan, February 2013 (Oral)

OSTALO

Ostalo

1. > Pohađao sam interni seminar čitanja i podučavanja o Nature/Science/PNAS radovima u organizaciji Dr. Naota Hanasaki (04/2022-02/2024).
2. > Pohađao sam napredni seminar hidrologije u organizaciji Dr. Naota Hanasaki (04/2023-02/2024).
3. > Pohađao sam interni seminar Pythona u organizaciji Dr. Naota Hanasaki (04/2022-03/2023).
4. > Intenzivno sam učio Japanski jeziki na tjednoj 1-na-1 nastavi u volonterskoj organizaciji učiteljice Akemi Taniguchi (11/2016-03/2018).
5. > Završio sam interni seminar Matlaba koji je predavao Nozomi Ariyoshi u organizaciji izvanrednog profesora Nobuhito Mori (05-06/2017).
6. > Završio sam interni seminar Matlaba u organizaciji izvanrednog profesora Takahiro Sayama (05-07/2016).
7. > Sudjelovao sam sa bratom Mateom na ljetnom kampu učenja engleskog jezika u Nečujmu na otoku Šolti, 1996.

POJAVLJIVANJE U MEDIJIMA

Pojavljivanje u medijima

1. Kyoto University online članak: <https://www.kyoto-u.ac.jp/ja/research-news/2017-12-05-1>
2. Plymouth Marine Laboratory online članak: https://www.pml.ac.uk/News_and_media/News/Understanding_a_typhoon_s_toll
3. HRT reportaža (Znanstveni Krugovi 30/01/2018): <https://hrti.hrt.hr/video/show/4321156/znanstveni-krugovi-30-sijecnja-2018>
4. Novi List novinski članak s novinarkom Ingrid Šestan Kučić (u printanoj verziji 07/01/2018 i online 10/01/2018 u 07:22): <https://www.novolist.hr/ostalo/sci-tech/znanost/josko-troselj-rijecki-znanstvenik-s-japanskog-svecilista-objavio-rad-u-prestiznom-casopisu>
5. Novi List novinski članak s novinarom Filip Brnelić (u printanoj verziji i online u 13/08/2024 u 06:28): <https://www.novolist.hr/rijeka-regija/rijeka/brana-koja-bi-mogla-zauvijek-iskusiti-rjecinu-nestasice-vode-u-rijeci-nije-bilo-u-posljednjih-25-godina/>
6. Večernji List novinski članak Nataša Vlašić Smrekar (u printanoj verziji i online u 04/09/2024 u 19:00): <https://www.vecernji.hr/vijesti/ne-treba-srljati-s-gradnjom-akumulacija-u-krsu-pogledajmo-losa-iskustva-drugih-zemalja-1797364>
7. Novi List novinski članak s novinarom Filip Brnelić (u printanoj verziji i online u 24/09/2024 u 06:55): <https://www.novolist.hr/rijeka-regija/rijeka/ogledni-primjer-unistavanja-rjecine-planovi-o-izgradnji-hidroelektrane-valicibrinu-ekoloske-aktiviste/>
8. Večernji List novinski članak s novinarkom Nataša Vlašić Smrekar (u printanoj verziji i online u 02/10/2024 u 18:43): <https://www.vecernji.hr/vijesti/uz-metodologiju-razvijenu-u-japanu-mobitel-bi-zazvonio-svakojoj-osobikoju-ugrozava-poplava-1804632>
9. Press Release Instituta Ruđer Bošković o najnovijem prvoautorskom D1 članku objavljenom u časopisu HESS (u pripremi)

RECENZENTSKI DOPRINOSI

Recenzentski doprinosi

1. Journal of Hydrology: Regional Studies



KOMUNIKACIJSKE I MEĐULJUDSKE VJEŠTINE

Komunikacijske i međuljudske vještine

> Kreativan, druželjubiv i komunikativan, strpljiv, timskog duha, liderski tip, častan i pošten, rado pomažem kolegama, imam strast i znatiželju za provođenjem istraživanja.

ORGANIZACIJSKE VJEŠTINE

Organizacijske vještine

> Tijekom dodiplomskog studija bio sam predstavnik u Studentskom zboru i sudjelovao u rješavanju raznih studentskih pitanja te organizirao brojna događanja za studente.

> Organizacijske vještine usavršavao sam u okviru poslovne škole PUMA., u organizaciji Hrvatske Udruge Poslodavaca (HUP).

> Tijekom 11 godina i 5 mjeseci provedenih u Japanu, dodatno sam unaprijedio organizacijske, geometrijske i kaligrafske vještine.

When I come to a crossover, I choose a single direction.

Between two poles, 31/07/2025