

## OSOBNJE INFORMACIJE

## Toni Kekez

+38521303356

[toni.kekez@gradst.hr](mailto:toni.kekez@gradst.hr)

## RADNO ISKUSTVO

2022 - **Docent**

Sveučilište u Splitu, Fakultet građevinarstva, arhitekture i geodezije, Katedra za hidromehaniku i hidrauliku

2021 - 2022 **Poslijedoktorand**

Sveučilište u Splitu, Fakultet građevinarstva, arhitekture i geodezije, Katedra za privrednu hidrotehniku

2018 - 2021 **Viši stručni suradnik u sustavu znanosti i visokog obrazovanja**

Sveučilište u Splitu, Fakultet građevinarstva, arhitekture i geodezije, Katedra za privrednu hidrotehniku

2015 - 2018 **Doktorand**

Sveučilište u Splitu, Fakultet građevinarstva, arhitekture i geodezije, Katedra za organizaciju i ekonomiku građenja

2012 - 2015 **Stručni suradnik**

Sveučilište u Splitu, Fakultet građevinarstva, arhitekture i geodezije, Katedra za gospodarenje vodama i zaštitu voda

## OBRAZOVANJE

2015 - 2021 **Doktor znanosti, područje tehničke znanosti, polje građevinarstvo**

EQ8

Sveučilište u Splitu, Fakultet građevinarstva, arhitekture i geodezije

2010 - 2012 **Magistar inženjer građevinarstva, hidrotehnički smjer**

EQ7

Sveučilište u Splitu, Fakultet građevinarstva, arhitekture i geodezije

2006 - 2010 **Sveučilišni prvostupnik građevinarstva**

EQ6

Sveučilište u Splitu, Fakultet građevinarstva, arhitekture i geodezije

## USAVRŠAVANJE

Svibanj 2024 **International Training Course on Karst and Climate Change**

International Research Centre on Karst under the auspices of UNESCO  
Institute of Karst Geology, Chinese Academy of Geological Sciences

Veljača – Lipanj 2017 **Doktorsko usavršavanje**

University of Natural Resources and Life Sciences BOKU, Vienna, Austria

▪ Prof. emer. Hans-Peter Nachtnebel

Lipanj 2016 **Seminar**

"System Dynamics Modelling for Disaster Management Applications", University of Belgrade, Faculty of Security Studies

▪ Prof. Slobodan Simonović, The University of Western Ontario, Canada

## OSOBNJE VJEŠTINE

Materinji jezik Hrvatski

Ostali jezici	RAZUMIJEVANJE		GOVOR		PISANJE
	Slušanje	Čitanje	Interakcija	Produkcija	
Engleski	C1	C1	C1	C1	C1
OLS certificate					

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

- Poslovne vještine**
- Sudjelovanje u različitim projektima s gospodarstvom u svojstvu vodećeg stručnjaka ili suradnika (lista dostupna na zahtjev).
  - Rad u savjetodavnim tijelima Ministarstva gospodarstva i održivog razvoja te Ministarstva prostornoga uređenja, graditeljstva i državne imovine Vlade Republike Hrvatske.

- Računalne vještine**
- Microsoft Office
  - Autocad
  - Wolfram Mathematica
  - Matlab/Simulink
  - Hec-Ras
  - Surface-water Modelling System (SMS)
  - Palisade Decision Tools
  - Stella
  - QGIS
  - Promethee

- Ostalo**
- Direktor – Aequum d.o.o.
  - Predsjednik – Vaterpolo klub "Zvončac" - Split, Hrvatska
  - Predsjednik – Udruga PIO - Zagreb, Hrvatska

- Vozačka dozvola**
- B

## DODTANE INFORMACIJE

- Publikacije**
- Kekez, T., Andričević, R., Knezić, S. **Flood Risk Modeling under Uncertainties: The Case Study of Croatia** // *Water*, 14 (2022), 10; 1585, 13 doi: 10.3390/w14101585
- Kekez, T., Knezić, S., Andričević, R. **Incorporating Uncertainty of the System Behavior in Flood Risk Assessment—Sava River Case Study** // *Water*, 12 (2020), 10; 2676, 26 doi: 10.3390/w12102676
- Nikolić, Ž., Srzić, V., Lovrinović, I., Perković, T., Šolić, P., Kekez, T. **Coastal Flooding Assessment Induced by Barometric Pressure, Wind-Generated Waves and Tidal-Induced Oscillations: Kaštela Bay Real-Time Early Warning System Mobile Application** // *Applied sciences (Basel)*, 12 (2022), 24; 12776, 19 doi:10.3390/app122412776
- Mladineo, N., Mladineo, M., Benvenuti, E., Kekez, T., Nikolić, Ž. **Methodology for the Assessment of Multi-Hazard Risk in Urban Homogenous Zones** // *Applied sciences (Basel)*, 12 (2022), 24; 12843, 23 doi:10.3390/app122412843.
- Andričević, R., Kekez, T., Vojković, M. **Trophic status assessment of Central Eastern Adriatic Sea using water quality variables and loading capacity concept for estuaries** // *Marine pollution bulletin*, 173 (2021), B; 113126, 10 doi: 10.1016/j.marpolbul.2021.113126
- Kvesić, M. Vojković, M. Kekez, T., Maravić, A., Andričević, R. **Spatial and Temporal Vertical Distribution of Chlorophyll in Relation to Submarine Wastewater Effluent Discharges** // *Water*, 13 (2021), 15:2016, 17 doi: 10.3390/w13152016
- Mandić, N., Ukić Boljat, H., Kekez, T., Runko Luttenberger, L. **Multicriteria Analysis of Alternative Marine Fuels in Sustainable Coastal Marine Traffic** // *Applied Sciences-Basel*, 11 (2021), 6; 2600, 18 doi: 10.3390/app11062600
- Susmel, S., Girolametti, F., Fonti, V., Figueredo, F., Scognamiglio, V., Antonacci, A., Manna, V., Bilić, J., Šoljan, V., De Bortoli, N., Martin, T., Mion, M., Kekez, T., Andričević, R., Aissa, S. B., Celussi, M.,

Annibaldi, A., **The Interreg Project AdSWiM: Managed Use of Treated Wastewater for the Quality of the Adriatic Sea** // *Water*, 14 (2022), 16; 2460, 19 doi:10.3390/w14162460

## Istraživački projekti

**CAAT** (Coastal Autopurification Assessment Technology), European Union Structural and Investment Funds, Operational Programme Competitiveness and Cohesion 2014 – 2020, KK.01.1.1.04.0064  
**Plastic Busters MPAs** (Plastic Busters: preserving biodiversity from plastics in Mediterranean Marine Protected Areas), European Union Regional Development Programme, Interreg Mediterranean  
**AdSWiM** (Managed use of treated urban wastewater for the quality of the Adriatic Sea), European Union Regional Development Programme, Interreg CBC Italy-Croatia  
**NET4mPLASTIC** (New Technologies for macro and Microplastic Detection and Analysis in the Adriatic Basin), European Union Regional Development Programme Interreg CBC Italy-Croatia  
**PMO-GATE** (Preventing, Managing and Overcoming Natural-Hazards Risks to mitigate economic and social impact), European Union Regional Development Programme, Interreg CBC Italy-Croatia  
**STRENGTH** (STRategies for assessing climate change and natural hazards' impact on urban ecosystems, increasing resilience to ENVIRONMENTAL hazards, and promoting territorial Growth), European Union Regional Development Programme, Interreg CBC Italy-Croatia 2021-2027  
**SWAMrisk** (Subsurface Water monitoring and Management to prevent drought risk in coastal systems), European Union Regional Development Programme, Interreg CBC Italy-Croatia 2021-2027

## Konferencije

Kekez, T., Knezić, S., Andričević, R. **A framework for uncertainty analysis of flood risk assessment in the near-response phase** // 6th International Conference on Risk Analysis and Crisis Response (RACR-2017) / Ostrava/Prague, Czech Republic, 05. – 09. 07. 2017, Bernatik, A., Huang, C., Salvi, O. (ur.), 225-228, London: Taylor & Francis Group  
 Knezić, S., Baučić, M., Kekez, T., Delprato, U., Tusa, G., Preinerstorfer, A., Lichtenegger, G. **Taxonomy for disaster response: A methodological approach** // The 22nd Annual Conference of The International Emergency Management Society (TIEMS) / Rome, Italy, 30.09. – 02.10. 2015, Di Mauro, C., Rosato, V., (ur.), 1-12, Rome: TIEMS  
 Nikolić Ž., Kekez T., **An integrated approach to assess combined seismic and coastal flooding natural hazard risks in coastal urban area** // ECCOMAS MSF 2023 - 6th International Conference on Multi-scale Computational Methods for Solids and Fluids / Split, Croatia, 25.06 – 27.06. 2023, Ibrahimbegović, A., Dolarević, S., Čohodar-Husić M., (ur.), 228-231, Sarajevo: Faculty of Civil Engineering, University of Sarajevo  
 Kekez, T., Piccioli, F., Benvenuti, E., Nikolić, Ž. **Coastal flood exposure assessment due to sea level rise and extreme wave events** // ECCOMAS MSF 2021 - 5th International Conference on Multi-scale Computational Methods for Solids and Fluids / Split, Croatia, 30.06 – 02.07. 2021, Ibrahimbegović, A., Nikolić, M. (ur.), 276-277, Sarajevo: Faculty of Civil Engineering, University of Sarajevo  
 Kekez, T., Knezić, S., **Sources of uncertainty as a basis to fill the information gap in a response to flood** // European Geosciences Union General Assembly 2016 / Vienna, Austria, 17. – 22. 04. 2016, 16265, 1, Vienna: Geophysical Research Abstracts  
 Kekez, T. **Analiza nepouzdanosti u procjeni rizika od poplava u realnom vremenu** // Zbornik radova - Zajednički temelji 2016 / Osijek, Hrvatska, 27 – 29.09. 2016, Dokšanović, T., Galić, M. (ur.), 29-30, Osijek: Udruga hrvatskih građevinskih fakulteta, Građevinski fakultet Osijek  
 Kvesić, M., Galešić Divić, M., Kišević, M., Kekez, T., Miletić, M., Andričević, R. **Water quality monitoring in an estuary using UAV hyperspectral imaging and satellite algorithms** // Remote Sensing for Agriculture, Ecosystems, and Hydrology XXIV / Neale, Christopher M. U. ; Maltese, Antonino (ur.). Berlin: SPIE, 2022. 1226214, 12 doi:10.1117/12.2634554  
 Andričević, R., Šimundić, P., Kekez, T., Kišević, M., **Use of unmanned aerial vehicles for monitoring coastal and inland waters** // SGEM International Scientific Conferences on Earth & Planetary Sciences / Vienna, Austria, 09. – 12.12. 2019, 31507, 1  
 Gotovac, H., Srzić, V., Cvetković, V., Kekez, T., Malenica, L. **Travel time statistics under radially converging flow in single fractures** // European Geosciences Union General Assembly 2015 / Vienna, Austria, 23. – 28. 04. 2015, 12727, 1, Vienna: Geophysical Research Abstracts

## Članstva

European Geosciences Union