

CURRICULUM VITAE

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CONTACT INFORMATION

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PERSONAL INFORMATION

Date of Birth: 20th October 1983

Nationality/Citizenship: Serbian

EDUCATION

- 2008 – 2015: Doctoral Studies at the University of Belgrade – Faculty of Civil Engineering
- 9 courses/exams and the Doctoral Dissertation, GPA 98.9%
 - Doctoral Dissertation: “Impact of the Calibration Period on Parameter Estimates in the Conceptual Hydrologic Models of Various Structures”; defended on 12th December 2015 (the Thesis is available via <http://nardus.mpn.gov.rs/handle/123456789/5806>)
- 2002 – 2008: Bachelor and Master Studies at the University of Belgrade – Faculty of Civil Engineering.
- 10 semesters, 40 courses/exams and Diploma Thesis, GPA 80.2%
 - Diploma Thesis: “Mapping of Flood Risk in the Topčiderska River Valley”; defended on 6th May 2008

AWARDS

2008: Best Diploma Thesis, awarded by the Belgrade Chamber of Commerce

WORK EXPERIENCE

- Nov 2020 – Oct 2021: Researcher at Uppsala University, Department of Earth Sciences (one-year sabbatical from the University of Belgrade)
- May 2016 – onwards: Assistant Professor at the University of Belgrade – Faculty of Civil Engineering
- Feb. 2009 – May 2016: Teaching assistant at the University of Belgrade – Faculty of Civil Engineering
- May 2008 – Dec. 2008: Civil engineer at Belgrade PUC Waterworks and Sewerage, Serbia
- Oct. 2007 – Jan. 2008: Internship at the “Bluewaters Environmental Consultants”, Vienna, Austria

MAIN INTERESTS AND FIELDS OF EXPERTISE

Rainfall-Runoff Modelling:

- o Applications of hydrological models (e.g., HEC-HMS, HBV-light, 3DNet-Catch)
- o Hydrological model evaluation and applications under changing and extreme hydroclimatic conditions
- o Hydrological Projections under Climate Change
- o Multi-objective model calibration (Genetic Algorithms, Differential Evolution, PSO, etc.)
- o Sensitivity and uncertainty analyses
- o Model averaging methods
- o Design flow estimation in ungauged catchments
- o Flood hazard and flood risk assessment
- o Drought hazard assessment

Statistical Analyses:

- o Annual Maxima Method
- o Peak-over-threshold method
- o Statistical inference
- o Trend detection in series
- o Design storms and flows analyses

TEACHING EXPERIENCE

- o Bachelor Studies: Hydrology, Applied Hydrology, Water Resources Engineering (previously participating into: Fluid Mechanics, and Irrigation and Drainage Systems)
- o Master Studies: Stochastic Hydrology
- o Specialised Postgraduate Studies “Educate!”: Policy and Legislation
- o Supervisor or member of over twenty Examination Committees on Bachelor or Master Theses Defence, and of one PhD Thesis Defence

SKILLS

Computer Skills

- o MS Office
- o Programming using MATLAB
- o GIS tools (ArcMAP, QGIS, SAGA GIS)
- o Hydrologic modelling software (e.g., HEC-HMS, HBV-light)

Foreign Languages

- o Serbian (mother tongue)
- o English (proficient)
- o Russian (elementary)
- o Swedish (elementary)
- o German (elementary)

Transferable skills

- o Willingness to learn
- o Ability to work on interdisciplinary and international teams

PUBLICATIONS

Full publication list

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Scopus Author ID: 57211182776

International Peer-review Journals

- Tootoonchi, F., **Todorović, A.**, Grabs, T., Teutschbein, C., 2023. Uni- and multivariate bias adjustment of climate model simulations in Nordic catchments: Effects on hydrological signatures relevant for water resources management in a changing climate. *J. Hydrol.* 623, 129807. <https://doi.org/10.1016/j.jhydrol.2023.129807>
- Teutschbein, C., Jonsson, E., **Todorović, A.**, Tootoonchi, F., Stenfors, E., Grabs, T., 2023. Future drought propagation through the water-energy-food-ecosystem nexus—A Nordic perspective. *J. Hydrol.* 617, 128963. <https://doi.org/10.1016/j.jhydrol.2022.128963>
- Todorović, A.**, Grabs, T., Teutschbein, C., 2022. Advancing traditional strategies for testing hydrological model fitness in a changing climate. *Hydrol. Sci. J.* 1–22. <https://doi.org/10.1080/02626667.2022.2104646>
- Teutschbein, C., Quesada Montano, B., **Todorović, A.**, Grabs, T., 2022. Streamflow droughts in Sweden: Spatiotemporal patterns emerging from six decades of observations. *J. Hydrol. Reg. Stud.* 42, 101171. <https://doi.org/10.1016/j.ejrh.2022.101171>
- Tootoonchi, F., Haerter, J.O., **Todorović, A.**, Rätty, O., Grabs, T., Teutschbein, C., 2022. Uni- and multivariate bias adjustment methods in Nordic catchments: Complexity and performance in a changing climate. *Sci. Total Environ.* 853, 158615. <https://doi.org/10.1016/j.scitotenv.2022.158615>
- Ruangpan, L., Vojinovic, Z., Plavšić, J., Doong, D.-J., Bahlmann, T., Alves, A., Tseng, L.-H., Randelovic, A., **Todorović, A.**, Kocic, Z., Beljinac, V., Wu, M.-H., Lo, W.-C., Perez-Lapeña, B., Franca, Mário J., 2021. Incorporating stakeholders' preferences into a multi-criteria framework for planning large-scale Nature-Based Solutions. *Ambio*, 50, 1514–1531. <https://doi.org/10.1007/s13280-020-01419-4>
- Pudar, R., Plavšić, J., **Todorović, A.**, 2020. Evaluation of Green and Grey Flood Mitigation Measures in Rural Watersheds. *Applied Sciences*, 10(19), 6913. <https://doi.org/10.3390/app10196913>
- Topalović, Ž., **Todorović, A.**, Plavšić, J., 2020. Evaluating transferability of monthly water balance models under changing climate conditions. *Hydrological Sciences Journal*, 65(6), 928–950. <https://doi.org/10.1080/02626667.2020.1725238>
- Todorović, A.**, Stanić, M., Vasilčić, Ž., Plavšić, J., 2018. The 3DNet-Catch hydrologic model: Development and evaluation. *Journal of Hydrology* 568, 26–45. <https://doi.org/10.1016/j.jhydrol.2018.10.040>
- Stanić, M., **Todorović, A.**, Vasilčić, Ž., Plavšić, J., 2018. Extreme flood reconstruction by using the 3DNet platform for hydrological modelling. *J. Hydroinformatics* 20, 766–783. [doi:10.2166/hydro.2017.050](https://doi.org/10.2166/hydro.2017.050)
- Ivković, M., **Todorović, A.**, Plavšić, J., 2018. Improved input to distributed hydrologic model in areas with sparse subdaily rainfall data using multivariate daily rainfall disaggregation. *J. Hydroinformatics* 20 (4), 784–797. [doi:10.2166/hydro.2018.053](https://doi.org/10.2166/hydro.2018.053)
- Todorović, A.**, Plavšić, J., 2016. The role of conceptual hydrologic model calibration in climate change impact on water resources assessment. *J. Water Clim. Chang.* 7. [doi:10.2166/wcc.2015.086](https://doi.org/10.2166/wcc.2015.086)

Book Sections

- Todorović, A.** (2020). Flood Risk Assessment. In: Tamas, E.A. & Plavšić, J. (eds.) Course materials of the International Postgraduate Course on Flood management (in press). National University of Public Service Ludovica, pp.159 - 195.

Peer-review National Journals

- Vićanović, J., **Todorović, A.**, Rosić, N., Plavšić, J., 2023. Analiza efekata prirodom inspirisanih rešenja na ugroženost grada Krupnja od poplava [Analysis of the effects of nature-based solutions on the flood mitigation in the city of Krupanj]. *Vodoprivreda*. *In press*.
- Erić, R., **Todorović, A.**, Plavšić, J., Đukić, V., 2019. Rainfall-runoff simulations in the Lukovska River Basin with the HEC-HMS model. *Glasnik Šumarskog fakulteta* 119, 33–60. <https://doi.org/10.2298/GSF1919033E>
- Erić, R., Plavšić, J., **Todorović, A.**, Đukić, V., 2019. Mogućnosti za primenu kalibrisanog hidrološkog modela epizoda za proračun računskih velikih voda [Applicability of a Calibrated Hydrologic Event-based Model for Design Flood

- Estimation]. *Vodoprivreda* 51, 179-186.
http://www.vodoprivreda.net/wp-content/uploads/2020/01/3-Ranka-Eric-i-saradnici_Redigovano.pdf
- Prohaska, O., Plavšić, J., Prohaska, S., **Todorović, A.**, 2019. Kartiranje parametara metode Langbajna za proračun srednjih voda na neužucenim slivovima na teritoriji Srbije [Mapping of the Langbein Method Parameter for Mean Flows Assessment in Ungauged Catchments in Serbia]. *Vodoprivreda* 51, 99-109.
http://www.vodoprivreda.net/wp-content/uploads/2020/01/7-Ognjen-Prohaska-i-saradnici_korigovano.pdf
- Blagojević J., Plavšić, J., Čatović S., **Todorović, A.**, 2018. Analiza srednjih voda u Srbiji na osnovu digitalnih karata padavina i temperatura [Assessment of Mean Flows in Serbia Using Gridded Precipitation and Temperature Data]. *Vodoprivreda* 50 (4-6), 177–187.
(<http://www.vodoprivreda.net/analiza-srednjih-voda-u-srbiji-na-osnovu-digitalnih-karata-pдавina-i-temperatura/>)
- Despotović, J., Djukić, A., Plavšić, J., **Todorović, A.**, Pavlović, D., Prodanović, D., Janković, L., Stanić, M., Jaćimović, N., Ivetić, M., 2017. Putevi i zaštita vodnih resursa od zagađjenja [Roads and protection of Water resources for Pollution]. Put i saobraćaj - J. Road Traffic Eng. 63, 47–56.
- Plavšić, J., Blagojević, B., **Todorović, A.**, Despotović, J., 2016. Long-term behaviour of precipitation at three stations in Serbia. *Acta Hydrotechnica* 29, 23–36.
- Todorović, A.**, Plavšić, J., 2014. Mogućnost primene modela HEC-HMS za kontinualne hidrološke simulacije [Application of the HEC-HMS Model for Continuous Hydrologic Simulations]. *Vodoprivreda* 46, 117–128.
- Jovanović, M., **Todorović, A.**, Rodić, M., 2009. Kartiranje rizika od poplava [Flood Risk Mapping]. *Vodoprivreda* 41, 31–45.
- Despotović, J., Plavšić, J., **Todorović, A.**, 2009. Beogradski kanalizacioni sistem u uslovima ekstremnih padavina [Belgrade Sewer System during Extreme Precipitation Events]. *Voda i Sanit. Teh.* 39, 47–55.

International Conference Proceedings (Selected)

- Milašinović, M., Zindović, B., **Todorović, A.**: Dynamic Calibration in Hydrological and Hydraulic Modelling: Exploring the Potential of Data Assimilation for Estimation of Models' parameters, SIMHYDRO 2023, Chatou, France 8-10 November 2023. <https://easychair.org/smart-program/SimHydro2023/2023-11-09.html#talk:239795>
- Todorović, A.**: Long-term change in hydroclimatic regimes in catchments across Serbia, International conference on transboundary catchment erosion and pollution problems, Belgrade, 19-24 July 2023. In: BOOK OF ABSTRACTS International conference on transboundary catchment erosion and pollution problems. Faculty of Geography and Lomonosov Moscow State University. <https://grafar.grf.bg.ac.rs/handle/123456789/3226>
- Todorović, A.** and Teutschbein, C.: Consistency in Model Performance as a Criterion for Trustworthy Hydrological Modelling, EGU General Assembly 2023, Vienna, Austria, 23–28 April 2023, EGU23-15300, <https://doi.org/10.5194/egusphere-egu23-15300>
- Teutschbein, C., **Todorović, A.** and Grabs, T.: Clustering as a tool for identifying drought-prone regions: A Swedish example, EGU General Assembly 2023, Vienna, Austria, 23–28 April 2023, EGU23- 15612, <https://doi.org/10.5194/egusphere-egu23-15612>
- Grabs, T., Jonsson, E., **Todorović, A.**, Tootoonchi, F., Stenfors, E. and Teutschbein, C.: Drought Propagation through the Water-Energy-Food-Ecosystem Nexus in a Future Climate – a Swedish Perspective, EGU General Assembly 2023, Vienna, Austria, 23–28 April 2023, EGU23- 15142, <https://doi.org/10.5194/egusphere-egu23-15142>
- Jonsson, E., Teutschbein, C., Grabs, T., **Todorović, A.**, Francisco, A., and Blicharska M.: Modelling the Water-Energy-Food-Ecosystem Nexus Using Data-Driven Methods, EGU General Assembly 2023, Vienna, Austria, 23–28 April 2023, EGU23-15793, <https://doi.org/10.5194/egusphere-egu23-15793>
- Tootoonchi, F., **Todorović, A.**, Grabs, T. and Teutschbein, C.: Impacts of uni- and multivariate bias adjustment methods on simulations of hydrological signatures in high latitude catchments, EGU General Assembly 2023, Vienna, Austria, 23–28 April 2023, EGU23- 12232, <https://doi.org/10.5194/egusphere-egu23-12232>
- Todorović, A.**, Grabs, T., and Teutschbein, C.: Assessment of Suitability of Hydrological Models for Climate Change Impact Studies, EGU General Assembly 2022, Vienna, Austria, 23–27 May 2022, EGU22-11463, <https://doi.org/10.5194/egusphere-egu22-11463>.
- Teutschbein, C., Tootoonchi, F., **Todorovic, A.**, Rätty, O., Haerter, J., and Grabs, T.: Bias adjustment of RCM simulations in high-latitude catchments: complexity versus skill in a changing climate, EGU General Assembly 2022, Vienna, Austria, 23–27 May 2022, EGU22-10396, <https://doi.org/10.5194/egusphere-egu22-10396>
- Topalović, Ž., **Todorović, A.**, Plavšić, J., Transferability of monthly water balance models under changing climate conditions in an arid catchment, EGU2020-8552, 2020. Geophysical Research Abstracts, p. 1. <https://doi.org/10.5194/egusphere-egu2020-8552>
- Ruangpan, L., Plavšić, J., Vojinovic, Z., Bahlmann, T., Alves, A., Randelović, A., **Todorović, A.**, J. Franca, M., Involvement of stakeholders in the selection and implementation of Nature-Based Solutions for hydro-meteorological risk reduction, EGU2020-20068, 2020. Geophysical Research Abstracts, p. 1. <https://doi.org/10.5194/egusphere-egu2020-20068>
- Biondi, S., Despotović, J., Sambo, F., Arnoffi, M., Plavšić, J., Đukić, A., **Todorović, A.**, Prodanović, D., 2019. Real-time management of highway runoff: treatment of chronic effects and protection from acute effects on the environment caused by liquid spills. In: 7th Croatian Water Conference: Croatian Waters in Environmental and Nature Protection. Pp. 1129-1136. (<https://www.interreg-central.eu/Content.Node/AMIIGA/croatian-water-conference-2019-compressed.pdf>)

- Plavšić, J., Zlatanović, N., **Todorović, A.**, 2019. Design storm duration for estimation of floods in ungauged basins, in: 7th International Conference Contemporary Achievements in Civil Engineering 2019. Faculty of Civil Engineering Subotica, pp. 77-86. <http://www.gf.uns.ac.rs/~zbornik/doc/NS2019.007.pdf>
- Plavšić, J., **Todorović, A.**, 2018. Accuracy of Runoff Timing in Simulations with the Hydrologic Models, in: 6th International Conference Contemporary Achievements in Civil Engineering 2018. Faculty of Civil Engineering Subotica, pp. 373-382. <http://www.gf.uns.ac.rs/~zbornik/doc/NS2018.36.pdf>
- Todorović, A.**, Plavšić, J., 2018. A Comprehensive Hydrologic Model Evaluation based on Multitemporal Model Performance, in: Vol. 20, EGU2018-439, 2018. Geophysical Research Abstracts, p. 1. (<https://meetingorganizer.copernicus.org/EGU2018/EGU2018-439.pdf>)
- Ivković, M., **Todorović, A.**, Mazetti, C., Plavšić, J., 2017. Impact of Spatial Resolution of Fully-distributed Hydrologic Models on Flood Forecasting, in: 9th Eastern European Young Water Professionals Conference - Book of Abstracts. Budapest University of Technology and Economics, pp. 77-78.
- Todorović, A.**, Plavšić, J., Pavlović, D., Despotović, J., 2017. Assessment of Climate Change Impact on Floods in Two Catchments in Serbia, in: Conference Proceedings 5th International Conference Contemporary Achievements in Civil Engineering 2017. Faculty of Civil Engineering Subotica, pp. 685-694. <http://www.gf.uns.ac.rs/~zbornik/doc/NS2017.073.pdf>
- Todorović, A.**, Plavšić, J., 2017. Climate Change Impact on Extreme Hydrologic Events in Serbia, in: Feierabend, M., Novytska, O., Bakos, V. (Eds.), 9th Eastern European Young Water Professionals Conference "EAST Meets WEST" Conference Proceedings. International Water Association.
- Todorović, A.**, Plavšić, J., 2017. Climate Change Impact on Extreme Hydrologic Events in Serbia, in: 9th Eastern European Young Water Professionals Conference - Book of Abstracts. Budapest University of Technology and Economics, pp. 171-172.
- Despotovic, J., Jacimovic, N., Plavsic, J., Stanic, M., Djukic, A., **Todorovic, A.**, Biondi, S., Sambo, F., 2016. Bridge deck runoff control through drainage, treatment and irrigation system: The case study of the bridge Ostruznica over the Sava river, in: Proceedings Novatech 2016. GRAIE, Lyon, France (FRA).
- Todorovic, A.**, Plavsic, J., Despotovic, J., 2016. Conditioning of Flow Projections under Climate Change on Hydrologic Signatures within the GLUE Framework, in: EGU General Assembly Conference Abstracts, Geophysical Research Abstracts. p. 14398. <https://meetingorganizer.copernicus.org/EGU2016/EGU2016-14398.pdf>
- Todorovic, A.**, Plavsic, J., 2015. Assessment of the uncertainties in flow projections under climate change, in: Proc. IWA 7th Young Water Professionals Conference. International Water Association, Belgrade, pp. 231-244.
- Todorovic, A.**, Plavsic, J., 2015. Impact of the calibration period on the conceptual rainfall-runoff model parameter estimates, in: EGU General Assembly Conference Abstracts, Geophysical Research Abstracts. pp. 1-1. <https://meetingorganizer.copernicus.org/EGU2015/EGU2015-968.pdf>
- Plavšić, J., Topalović, Ž., Zlatanović, N., **Todorović, A.**, Vasilić, Ž., Jovanović, D., 2014. Hydrologic model for water and climate adaptation plan for the Sava River basin, in: Komatina S., B.N. (Ed.), Proc. Int. Conf. "Brčko District – Place for Linking Science and Policy in Domain of Water Management." pp. 29-37.
- Todorović, A.**, Plavšić, J., Despotović, J., Pavlović, D., 2014. Trends in Precipitation Regime Indicators in Belgrade, in: Int. Conf. on Contemporary Achievements in Civil Engineering. Serbian. doi:10.14415/konferencijaGFS2014.084 (<http://www.gf.uns.ac.rs/~zbornik/doc/ZR25.84.pdf>)
- Todorović, A.**, Plavšić, J., 2014. Role of Hydrologic Model Calibration at Climate Change Impact on Water Resources Assessment, in: IWA 6th Eastern European Young Water Professionals Conference. pp. 303-313.
- Todorović, A.**, Stanić, M., Prodanović, D., Plavšić, J., 2011. Advanced Hydrological Modelling in Urban Areas Using Hydroinformatic Tools, in: Trajković, S., Arandjelović, D., Vasilevska, L. (Eds.), Int. Conf. on Innovation as a Function of Engineering Development. Faculty of Civil Engineering and Architecture, University of Niš, Niš, pp. 357-362.
- Krajnc, U., Despotović, J., Plavšić, J., Jaćimović, N., **Todorović, A.**, 2010. The Role of Rainfall Events for Combined Sewer System Mathematical Modelling - Example of SWMM Model of Maribor Sewer System, in: Regional Rainfall Conferences at the Balkans 2005 and 2010 - Proceedings. University of Belgrade Faculty of Civil Engineering, The International Research and Training Centre on Urban Drainage - IRTCUD, pp. 142-153.
- Todorović, A.**, Rosić, N., Plavšić, J., 2010. Non-stationary statistical model for assessment of climate change effect upon river flows in Serbia, in: Balkans Regional Young Water Professionals Conference, Belgrade (Serbia), 29-30 Apr. pp. 120-126.

National Conference Proceedings (Selected)

- Todorović, A.**, Petroselli, A., Zlatanović, N., Can rainfall-runoff models provide accurate estimates of design flood quantiles in ungauged catchments?, in: 19. Naučno Savetovanje SDHI i SDH. Univerzitet u Beogradu - Građevinski fakultet, pp. 170-181, ISBN 978-86-7518-219-1
- Topalović, Ž., **Todorović, A.**, Plavšić, J., Uticaj izbora kalibracione strategije na transferabilnost mjesečnih bilansnih hidroloških modela [*The Impact of the Calibration Strategy on the Transferability of Monthly Water Balance Models*], in: 19. Naučno Savetovanje SDHI i SDH. Univerzitet u Beogradu - Građevinski fakultet, pp. 65-81, ISBN 978-86-7518-219-1
- Milovanović, M., **Todorović, A.**, Ljubičić, R., Plavšić, J., 2018. Analiza ublažavanja poplavnih talasa u akumulaciji Moharač [*Analysis of Transformation of Flood Waves in the Moharač Reservoir*], in: 18. Naučno Savetovanje SDHI i SDH.

- Blagojević, J., Plavšić, J., Čatović, S., **Todorović, A.**, 2018. Analiza srednjih voda u Srbiji na osnovu kartiranih klimatoloških podataka u periodu 1961-2010 [*Analysis of Mean Flows in Serbia based on the Gridded Datasets on Climatic Variables during 1961-2010 Period*], in: 18. Naučno Savetovanje SDHI i SDH.
- Todorović, A.**, Plavšić, J. 2018. Uticaj kompleksnosti modela na hidrološke simulacije [*Impact of Model Structural Complexity on Hydrologic Simulations*], in: 18. Naučno Savetovanje SDHI i SDH.
- Plavšić, J., Muhić, F., Petrović, A., **Todorović, A.**, 2015. Problemi u proceni uticaja klimatskih promena hidrološkim modeliranjem: primeri slivova Moravice i Crnog Timoka [*Problems in Climate Change Impact Assessment by Employing Hydrological Models: Examples of the Moravica and Crni Timok Catchments*], in: 17. Naučno Savetovanje SDHI i SDH. pp. 303–314.
- Todorović, A.**, Plavšić, J., 2015. Uticaj klimatskih promena na hidrološke režime na slivovima Kolubare, Toplice i Mlave [*Assessment of Climate Change Impacts on Hydrological Regimes in the Kolubara, Toplica and Mlava Catchments*], in: Ivetić, M., Kapor, R., Plavšić, J. (Eds.), Zbornik radova sa 17. naučnog savetovanja SDHI i SDH održanog 5-6. oktobra 2015. godine u Vršcu. Univerzitet u Beogradu - Građevinski fakultet, pp. 325–340.
- Todorović, A.**, Stanić, M., Plavšić, J., Vasilić, Ž., 2015. Višekriterijumska kalibracija hidroloških modela [*Multi-objective Calibration of Hydrological Models*], in: 17. Naučno Savetovanje SDHI i SDH. pp. 510–526.
- Todorović, A.**, Plavšić, J., Stanić, M., Vasilić, Ž., 2015. Kalibracija distribuiranih hidroloških modela [*Calibration of Distributed Hydrological Models*], in: 17. naučno savetovanje SDHI i SDH. pp. 433–447.
- Despotović, J., Krajnc, U., Plavšić, J., Jaćimović, N., **Todorović, A.**, Živanović, V., Milić, S., 2013. Modeliranje opšteg kanalizacionog sistema u Mariboru za vreme jakih padavina [*Simulation of Performance Sewer System in Maribor under Extreme Precipitation*], in: Zbornik Radova 34. Medjunarodnog Stručno-Naučnog skupa "Vodovod i Kanalizacija "13"." Savez inženjera i tehničara Srbije, pp. 302–311.
- Todorović, A.**, Pavlović, D., Plavšić, J., Prodanović, D., 2013. Mogućnosti za analizu rada kanalizacionog sistema u uslovima jakih kiša – primer iz Beograda 30.05.2013 [*Analysis of Sewer System Performance under Extreme Rainfall Events – an Example of Rainfall Event in Belgrade on 30th May 2013*], in: Zbornik radova 34. medjunarodnog stručno-naučnog skupa "Vodovod i kanalizacija "13"." Savez inženjera i tehničara Srbije, pp. 292–301.
- Despotović, J., Čatović, S., Marjanović, S., Kapor, B., **Todorović, A.**, 2012. Analiza velikih voda na hidrološkim stanicama u Srbiji [*Flood Flow Analyses at Stream Gauges in Serbia*], in: Zbornik Radova Sa 16. Naučnog Savetovanja SDHI i SDH. pp. 580–588.

REVIEWING

- Journal of Hydrology
- Journal of Hydrology: Regional Studies
- Hydrologic Sciences Journal
- Environmental Management
- Journal of Water and Climate Change
- Desalination and Water Treatment
- MDPI Journals (Water, Atmosphere, Land)

PROFESIONAL EXPERIENCE

Year	Project
2023-onwards	Reconstruction and Modernisation of HPP Perućica – Phase II. Project supported by Electric Power Industry of Montenegro.
2023-onwards	Study on the opportunities for implementation of reversible hydropower plants and pumped storage hydropower plants in Serbia. Project supported by the Electric utility power company of Serbia.
2022-onwards	SWEFE-NEXT: the Swedish Water-Energy-Food-Ecosystem Nexus and its response to hydroclimatic EXTreme events (“PhD projects in the eSENCE/SciLifeLab graduate school in data-intensive science”).
2021-2025	COST Action CA20136 “OPENSENSE” (Opportunistic precipitation sensing network)
2018-2024	H2020 Project RECONNECT (Regenerating ECOSystems with Nature-based solutions for hydro-meteorological risk rEduCTION).
2020-2021	“Reducing uncertainties in hydrological climate change impact research to allow for robust streamflow simulations” (Vetenskapsrådet, VR starting grant: 2017-04970).
2020-2023	Harmonisation and Processing of Input Data for Facilitating of Optimal Use of Hydropower Capacities of PE “Electric Power Industry of Serbia” over the Period 1926-2018. Contracted by PE “Electric Power Industry of Serbia”.
2019-2020	Technical auditing of the Regional Hydrologic Study for the Design of the Hydropower Plants “Buk Bijela”, “Foca” and “Paunci” within the Hydropower System “Upper Drina River Basin”. Project funded by the Electric utility power companies of Serbia and Republic Srpska, Bosnia and Herzegovina.
2019-2020	Flood Hazard and Flood Risk Maps Project in Bosnia and Herzegovina, funded by Western Balkans Investment Framework (https://www.wbif.eu/project/PRJ-BIH-ENV-005)
2019-2020	Technical auditing of the project “Development of the Flood Early Warning System in the Kolubara Basin”. Contracted by Public Water Management Company “Srbijavode”.
2019	Technical auditing of the project “Assessment of the Water Resources in the Morava Basin”. Contracted by the Ministry of Agriculture, Forestry and Water Economy of the Republic of Serbia.
2019	Consultancy services for Project “Flood Protection of the “Kalenic” Landfill form Flood Events of 100 and 1000 Years Return Periods”, funded by “BMD Bau Environmental Solutions”, Belgrade
2018-2020	Consultancy services for project “Development of Flood Early Warning System on Small Rivers in the Area of the City of Belgrade”, funded by UNDP.
2018-2020	Consultancy services for project “Flood Hazard and Flood Risk Mapping in Serbia”, funded by the World bank.
2018	International Postgraduate Course in Flood Management (InterFloodCourse). The project is supported by Danube Strategic Project Fund of the European Union Strategy for the Danube Region.
2017	Hydroinformatic system of Djerdap and Vlasina – hydraulic models. The project led by “Jaroslav Černi” Institute for the Development of Water Resources., and funded by “PD Hidroelektrane Djerdap, Kladovo”.
2016	Conceptual design of the flood protection of the cities Sremska and Mačvanska Mitrovica at the Sava River.
2016	Improvement of Flood Protection System in the Kolubara River Catchment (http://studijakolubara.srbijavode.rs/izvestaji_o_rezultatima_studije/preliminarni_izvestaji/); Supported by UNDP.
2012-2014	Water and Climate Adaptation Plan for the Sava River Basin; Funded by the World Bank.
2011-2016	Urban drainage systems as a part of urban and traffic infrastructure (TR37010); Supported by the Ministry of Education, Science and Technological Development of Republic of Serbia.
2011-2016	Climate Change Impact on Water Resources of Republic of Serbia (TR37005); Supported by the Ministry of Education, Science and Technological Development of Republic of Serbia.
2010-2011-	South-eastern Europe and Caucasus Climate Change and Catastrophe Risk Insurance Facility; Funded by EUROPA Reinsurance Facility Ltd. Switzerland.
2009-2010	Preparation of the Methodology Proposal for Preliminary Flood Risk Assessment and Flood Maps According to European Parliament and European Council Directive 2007/60 EC from 23 rd October 2007 (TR22202). The project was supported by the Ministry of Education, Science and Technological Development of Republic of Serbia.
2008	Assessment of losses for the Belgrade Waterworks system. Project by Belgrade PUC Waterworks

MEMBERSHIP IN PROFESSIONAL ORGANISATIONS

- o European Geosciences Union (EGU)
- o International Association of Hydrological Sciences (IAHS)
- o Centre of Natural Hazards and Disaster Science (CNDS)
- o Serbian Association for Hydrology (SDH)
- o Serbian Association for Hydraulic Research (SDHI)
 - Member of the Organisation Committee of the SDHI-SDH Conferences (2012-2018)

WORKSHOPS AND SUMMER SCHOOLS

Hydrology-related (SELECTED)

- o 2018: Catchment Science Summer School. Held in Birmingham, UK by prof. Jeff McDonnell, prof. Jan Seibert, prof. Chris Soulsby and prof. Ilja van Meerveld.
- o 2016: TOPKAPI Course. Held in Belgrade, Serbia by Dr Cintia Mazzetti from ECMWF, Bologna, Italy.
- o 2012: Hydrocourse: Model building, inference and hypothesis testing in hydrology Held at the Luxembourg Institute of Science and Technology in Belvaux, Luxembourg by prof. Martyn Clark, prof. Dmitri Kawetski, dr Fabrizio Fenicia, dr Benjamin Renard, dr Mark Thyer and Dr Laurent Pfister.
- o 2012: Modelling climate change impacts on hydrology. Held at the Norwegian Water Resources and Energy Directorate in Oslo by dr Deborah Lawrence, dr, Ingjerd Haddeland, dr Hege Hisdal and se Elin Langsholt.
- o 2010: Climate Change Impact on Water Resources Management. Held in Belgrade, Serbia by prof. Slobodan Simonovic, Western University, Canada.
- o 2009: Introduction to System Dynamics. Held in Belgrade, Serbia by prof. Slobodan Simonovic, Western University, Canada.

Teaching-related (selected)

- o 2021: Supervisory course “Teaching and Assessing Academic Writing”, held at Uppsala University
- o 2019: Workshop “Common challenges in work with students and approaches to overcoming them” held at the University of Belgrade. The workshop was organised by the Teacher education Faculty of the University of Belgrade, and was supported by Erasmus + Programme of the EU.
- o 2019: Workshop “Skills for holding effective presentations” held within the TRAIN Programme at the University of Belgrade. The workshop was dedicated to both research presentations and presentations in teaching.