

## BIOGRAPHY



**Dr. Ana M. Petrović (born Borisavljević)**

**Senior Research Associate**

**Geographical Institute „Jovan Cvijić“ of the Serbian Academy of Sciences and Arts**

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**The broader area of specialization:** physical geography, natural hazards, environmental protection

**Research Expertise:** hydrology of torrents, torrential floods, soil erosion

Web of Science: <https://www.webofscience.com/wos/author/record/AAN-8032-2021>

Scopus: <https://www.scopus.com/authid/detail.uri?authorId=56195418900>

Research Gate: <https://www.researchgate.net/profile/Ana-M-Petrovic>

### Education

- PhD Studies: University of Belgrade – Faculty of Forestry, Department of Ecological engineering for Soil and water resources protection (average grade: 10.00). PhD thesis: *Factors of torrential flood genesis in Serbia, 207p, Oct 2014.*
- MSc Studies: University of Belgrade – Faculty of Geography, Department of Geospatial and Environmental Science (average grade: 9.75). Master thesis: *State and issues in hazardous waste management, 71p, Oct 2008.*
- BSc Studies: University of Belgrade – Faculty of Geography, Department of Geography (average grade: 9.55). Bachelor thesis: *Active learning in geography teaching, 46p, Sept 2007.*

### Employment

- since January 28, 2025: Senior Research Associate, Geographical Institute “Jovan Cvijić” SASA
- 20.5.2015–28.1.2025: Research Associate, Geographical Institute “Jovan Cvijić” of the Serbian Academy of Sciences and Arts
- 1.11.2013–20.5.2015: Research Assistant, Geographical Institute “Jovan Cvijić” of the Serbian Academy of Sciences and Arts
- 1.5.2012–31.10.2013: Research Assistant, University of Belgrade – Faculty of Forestry
- 1.2.2011–30.4.2012: Research Trainee, University of Belgrade – Faculty of Forestry

### Projects

- 2023–2025: *Project in the frame of Multilateral Scientific and Technological Cooperation in the Danube Region* – “Geomorphological interpretation of photogrammetry and laser scanning data in the study of torrential watersheds”, with scientific research organizations in Bulgaria, the Czech Republic, and France (Ministry of Science, Technological Development and Innovations, ID: DS 15), project manager in Serbia;
- 2015–2017: *International bilateral project with the Institute of Geographic Sciences and Natural Resources Research* “Comparative Study on Sino-Serbian Natural Disasters Research and Risk Management” (Ministry of Education, Science and Technological Development of the Republic of Serbia, Ministry of Science and Technology of the People’s Republic of China, ID: 3-16), project manager;
- 2013–2019: *Geography of Serbia* (Ministry of Education, Science and Technological Development of the Republic of Serbia, ID: 47007);

- 2011–2013: *The Research on Climate Change Influences on Environment: Influence Monitoring, Adaptation and Mitigation, Subproject No. 9: Torrential Floods Frequency, Soil and Water Degradation as the Consequence of Global Changes* (Ministry of Education, Science and Technological Development of the Republic of Serbia, ID: 43007);
- 2011–2012: *International bilateral project with the Institute for Soil and Water Conservation of the Chinese Academy of Science „Integrated Impacts Assessment of Soil and Water Conservation at Regional Scale”, member of delegation of a study visit in March 2012, Yangling* (Ministry of Education, Science and Technological Development of the Republic of Serbia, Ministry of Science and Technology of the People’s Republic of China);
- 2011: Economic aspects of costs and benefits of environmental protection policy in Serbia (Institute of Economic Sciences in Belgrade);
- 2009: *Protection of Water Quality in Water Reservoirs by Erosion Control in Watersheds* (Ministry of Education, Science and Technological Development of the Republic of Serbia, ID: 22003).

### **Member of Organizing and Scientific Committees and Editorial Boards**

- Organizing and Scientific Committee of the 8<sup>th</sup>, 9<sup>th</sup> and 10<sup>th</sup> International Scientific Conference *Geobalcanica*, organized by the Geobalcanica Society, 9–10 May 2022, Belgrade, 8–9 May 2023, Ohrid and 6–7 May 2026, Ohrid;
- Scientific Committee of the 6<sup>th</sup> Congress of Macedonian Geographers with international participation, organized by the Macedonian Geographical Society in collaboration with the Institute of Geography, Faculty of Natural Sciences and Mathematics, Ss. Cyril and Methodius University in Skopje, 29–30 May 2024, Ohrid, North Macedonia;
- Organization Committee of the International Scientific Conference “Jovan Cvijić – 150th Birth Anniversary”, organized by Serbian Academy of Sciences and Arts, Geographical Institute “Jovan Cvijić” of the SASA and Belgrade City Museum, 12–14 October 2015, Belgrade, Serbia;
- Organization Committee of the International Scientific Conference LANDCON 1209, organized by the Faculty of Forestry of the University of Belgrade, 17–21 September 2012, Donji Milanovac, Serbia;
- Review Editor of the journal *Frontiers in Water—Water and Critical Zone* since August 2023;
- Editorial Board of the *Natural Hazards Research* (publisher: Elsevier) since October 2022;
- Editorial Board of the *Academic Platform Journal of Natural Hazards and Disaster Management* (since 2021);
- Editorial Board of the *International Journal of Disaster Risk Management* (January 2019 –June 2023);
- Editorial board of the *Journal of the Geographical Institute “Jovan Cvijić” SASA* (November 2014 – March 2017);
- Scientific Council of the Geographical Institute “Jovan Cvijić” SASA since November 2014;
- Chair and member of the committees for the selection and promotion to research titles (2024, 2025);
- Selection Committee for new scholarship holders (Master graduates and PhD students) of the German Federal Environment Foundation (Deutsche Bundesstiftung Umwelt – DBU) from the Balkan and Baltic countries; Coordinator of DBU Scholarship Programme and DBU Alumni Network in Serbia since 2012;
- Reviewer of several international scientific journals published by Springer and MDPI.

### **Editor and Co-editor**

- Leščešen, I., Petrović, A. M., Gnjato, S. (Eds.). Sustainability (ISSN: 2071-1050), Special Issue: *Impacts of Climate Change on Water Sustainability: Rivers, Floods, Droughts, and Extreme Precipitation*.  
[https://www.mdpi.com/journal/sustainability/special\\_issues/EU55R44W6K](https://www.mdpi.com/journal/sustainability/special_issues/EU55R44W6K)

- Petrović, A. M. (Ed.). (2015). Book of Abstracts of the International Scientific Conference „150th Anniversary of Jovan Cvijić's Birth“ (128 pp.). Belgrade: Serbian Academy of Sciences and Arts. ISBN 978-86-7025-667-5.
- Jović, V., Petrović, A. M. (Eds.). (2016). Proceedings of the International Scientific Conference „150th Anniversary of Jovan Cvijić's Birth“ Vol. 1 & 2 (820 pp.). Belgrade: Serbian Academy of Sciences and Arts. [http://www.gi.sanu.ac.rs/media/com\\_form2content/documents/c26/a414/f478/2016Zbornik\\_JCvijic.pdf](http://www.gi.sanu.ac.rs/media/com_form2content/documents/c26/a414/f478/2016Zbornik_JCvijic.pdf)

### **Honors and Awards**

- Award of the World Association of Soil and Water Conservation for *the Outstanding Youth Paper* under the title „Torrential Floods as Natural Hazards in Šumadija Region, Serbia“, Nanchang, China, 2015;
- Award of the Eurobank Programme “Invest in European values” for the best students in Serbia, Belgrade, 2006;
- Acknowledgement letter from the Serbian Geographical Society for authorship and contribution to the realization of the competitions in geography for primary school students, Belgrade, 2017.

### **Invited lecturer**

- University of Mining and Geology “St. Ivan Rilski”, Sofia, April 2025;
- 6<sup>th</sup> International Symposium on Natural Hazards and Disaster Management (ISHAD, Bursa, Turkey), October 2022;
- Ss. Cyril and Methodius University, Faculty of Natural Sciences and Mathematics, Skopje, North Macedonia, November 2021;
- 5<sup>th</sup> International Symposium on Natural Hazards and Disaster Management (ISHAD, online, Turkey), November 2021;
- 7<sup>th</sup> International Scientific Conference Geobalkanica 2021, Ohrid, North Macedonia, June 2021;
- 1<sup>st</sup> World Conference on Soil and Water Conservation under Global Change (CONSOWA), Lleida, Spain, June 2017;
- Annual meeting of the Serbian Geographical Society, Belgrade, Serbia, February 2017;
- University of Belgrade – Faculty of Forestry, Belgrade, Serbia, March 2017;
- II<sup>nd</sup> International Conference on Natural Hazards – Links between Science and Practice, Saransk, Russia, April 2015;
- Education Fair of the Regional supporting team for science, education and art (NOU Team), Čuprija, Serbia, March 2015;
- International conference *Young Generation of the Danube Area as a Key to the European Integration* (YCDN), Budapest, Hungary, June 2011;
- International summer school *Energy efficiency and renewable energy resources in South Eastern Europe* (REIC), Fojnica, BIH, May 2010.

### **Professional development and participation in international scientific events (without abstracts or papers published)**

- Annual International Conference of the Royal Geographical Society, 27–30 August 2024, Royal Geographical Society, London, United Kingdom, with oral presentation;
- 62<sup>nd</sup> Congress of German geographers, 19–23 September 2023, Goethe University Frankfurt, Germany, with poster presentation;
- Wasser Berlin International, DWA workshop program *Young Water Professionals*, 27–31 March 2017, Berlin, Germany;
- 2<sup>nd</sup> International Academy of DBU scholars „Naturschutz und Wasser“, with the presentation „Hydrologische Modellierung als Beitrag zum Sturzflut-Risikomanagement“, 8–11 March 2017, Osnabrück, Germany;
- 1<sup>st</sup> International Danube:Future Workshop, 8–10 April 2015, Klagenfurt, Austria;
- One-month research stay on the topic of *hydrological modelling in torrential watersheds*, June 2013, BOKU University, Vienna, Austria;

- College on Soil Physics — 30<sup>th</sup> Anniversary, 25 February – 1 March 2013, The Abdus Salam International Centre for Theoretical Physics, Trieste, Italia;
- Workshop „Donau ohne Grenzen“, 4–6 April 2011, German Environment Foundation, Budapest, Hungary;
- Ten-month research stay on the topic of the *ecological status of the Danube River and integrated river basin management*, March to December 2010, WWF Institute for Ecology of Floodplains, Rastatt / Saxon Foundation for Environment, Dresden, Germany;
- Danube Future Leader's Conference, 5–6 June 2010, Office for European Integration of the Deputy Prime Minister of the Republic of Serbia, Novi Sad, Serbia;
- Workshop "Scientific writing", 11–13 October 2010, Karlsruher Institute of Technology, Karlsruhe, Germany.
- One-month-research stay on the topic of *soil and water resources*, November 2009, University „Alexandru Ioan Cuza Iasi", Iasi, Romania.
- Workshop "Academic skills", 8–9 October 2009, Ministry of Education, Science and Technological Development of the Republic of Serbia, Belgrade, Serbia.

### **Scholarships**

- OeAD – Austria's Agency for Education and Internationalisation, Scholarship for research stay, 2013;
- German Federal Environment Foundation (Deutsche Bundesstiftung Umwelt – DBU), Scholarship for research stay, 2010;
- EU Coimbra Group, Scholarship for research stay, 2009;
- Ministry of Education, Science and Technological Development of the Republic of Serbia, Scholarship for PhD students, 2009.

### **Membership in Professional Organizations**

- Serbian Geographical Society (since 2002);
- Serbian Association of Torrent and Erosion Control (since 2017);
- World Association of Soil and Water Conservation – WASWAC (2008–2014);
- European Geosciences Union – EGU (2023);
- International Water Association – IWA (2010–2011);
- Serbian Water Society (2009).

## **PUBLICATIONS**

### **Book**

- **Petrović, A.M.** (2021). *Bujične poplave u Srbiji*. [Torrential floods in Serbia]. Belgrade: Serbian Geographical Society, Special issues, 73, 155p. [Bujične poplave u Srbiji – Torrential floods in Serbia](#)

### **Articles in International Scientific Journals (WoS and Scopus)**

- **Petrović, A.M.**, Guerit, L., Nikolova, V., Novković, I., Filipov, D., & Jakubínský, J. (2026). Quantifying Torrential Watershed Behavior over Time: A Synergistic Approach Using Classical and Modern Techniques. *Earth*, 7(1),1. <https://doi.org/10.3390/earth7010001>

- Nikolova, V., Rizova, R., Dimitrov, I., Babej, J., Dimitrov, D., & **Petrović, A. M.** (2026). Sedimentological and Mineralogical Signature of Torrential Flow Depositional Area: A Case Study from Eastern Rhodopes, Bulgaria. *Geographies*, 6(1), 2. <https://doi.org/10.3390/geographies6010002>
- Leščešen, I., Gnjato, S., Vujačić, D., **Petrović, A.M.**, & Radevski, I. (2025). Seasonal variability changes and trends in minimum discharge for Western Balkan rivers. *Journal of Hydrology: Regional Studies*, 60, 102529. <https://doi.org/10.1016/j.ejrh.2025.102529>
- Jakovljević, D., Milijašević Joksimović, D., & **Petrović, A.M.** (2025). Assessment of Lake Water Quality in Central Serbia Using Serbian and Canadian Water Quality Indices on the Example of the Garaši Reservoir. *Sustainability*, 17, 4074. <https://doi.org/10.3390/su17094074>
- **Petrović, A.M.**, Manojlović, S., Srejić T., & Zlatanović, N. (2024). Insights into Land Use and Demographical Changes: Runoff and Erosion Modifications in the Highlands of Serbia. *Land*, 13(9), 1342. <https://doi.org/10.3390/land13091342>
- **Petrović, A.M.**, Leščešen, I., & Radevski, I. (2024). Unveiling Torrential Flood Dynamics: A Comprehensive Study of Spatio-Temporal Patterns in the Šumadija Region, Serbia. *Water*, 16 (7), 991. <https://doi.org/10.3390/w16070991>
- Radevski, I., Hall, J., Gorin, S., **Petrović, A. M.**, & Ristevski, P. (2024). Characteristics of Annual and Seasonal Precipitation in North Macedonia: Change Analysis and Correlation with the North Atlantic Oscillation (1951–2010). *Idojaras*, 128 (1), 75–98. <https://doi.org/10.28974/idojaras.2024.1.5>
- **Petrović, A.M.**, Kostadinov, S., Ristić R., Novković I., & Radevski I. (2023). The reconstruction of the great 2020 torrential flood in Western Serbia. *Natural Hazards*, 118, 1673–1688. <https://doi.org/10.1007/s11069-023-06066-y>
- Radevski, I., Svemir, G., Zlatanovski, V., **Petrović, A. M.**, Kuzmanovski, A., & Markoski, B. (2023). Determining Streamflow Patterns in North Macedonia using PCA and AHC. *Mitteilungen der Österreichischen Geographischen Gesellschaft*, 165, 281–305. <https://doi.org/10.1553/moegg165-081>
- **Petrović, A.M.**, Novković, I., & Kostadinov, S. (2021). Hydrological Analysis of the September 2014 Torrential Floods of the Danube Tributaries in Eastern Serbia. *Natural Hazards*, 108, 1373–1387. <https://doi.org/10.1007/s11069-021-04737-2>
- Kostadinov, S., Dragičević, S., Stefanović, T., Novković, I., **Petrović, A. M.** (2017). Torrential Flood Prevention in the Kolubara River Basin. *Journal of Mountain Science*, 14(11), 2230–2245. <https://doi.org/10.1007/s11629-017-4575-9>
- **Petrović, A.M.**, Kovačević-Majkić, J., & Milošević, M. V. (2016). Application of Run-off Model as a Contribution to the Torrential Flood Risk Management in Topčiderska Reka Watershed, Serbia. *Natural Hazards*, 82(3), 1743–1753. <http://doi.org/10.1007%2Fs11069-016-2269-1>
- **Petrović, A.M.**, Dragičević, D. S., Radić, B. P., & Milanović Pešić, A. Z. (2015). Historical Torrential Flood Events in the Kolubara River Basin. *Natural Hazards*, 79(1), 537–547. <http://doi.org/10.1007%2Fs11069-015-1860-1>
- **Petrović, A.M.** (2015). Challenges of the Torrential Flood Risk Management in Serbia. *Journal of the Geographical Institute "Jovan Cvijić" SASA*, 65 (2), 131–143. <https://doi.org/10.2298/IJGI1502131P>
- **Petrović, A.**, Kostadinov, S., & Dragičević, S. (2014). The Inventory and Characterization of Torrential Food Phenomenon in Serbia. *Polish Journal of Environmental Studies*, 23(3), 823–830. <http://www.pjoes.com/The-Inventory-and-Characterization-of-Torrential-r-nFlood-Phenomenon-in-Serbia,89253,0,2.html>
- Kostadinov, S., Zlatić, M., Dragičević, S., Novković, I., Košanin, O., **Borisavljević, A.**, Lakićević, M., & Mlađan, D. (2014). Anthropogenic Influence on Erosion Intensity Changes in Rasina River Watershed Area Upstream from "Čelije" Water Reservoir – Central Serbia. *Fresenius Environmental Bulletin*, 23(1a), 254–263. <https://www.researchgate.net/publication/260407093>



### ***Chapters in International and National Books***

- **Petrović, A.M.** (2020). Challenges of Reliable Power Supply with Emphasis on Renewables. In W. Leal Filho, A. Azul, L. Brandli, A. Lange Salvia & T. Wall (Eds.), *Affordable and Clean Energy*. Cham: Springer. [https://doi.org/10.1007%2F978-3-319-71057-0\\_95-1](https://doi.org/10.1007%2F978-3-319-71057-0_95-1)
- **Petrović, A.M.** (2020). Renewable and Nonrenewable Energy Potential. In W. Leal Filho, A. Azul, L. Brandli, A. Lange Salvia & T. Wall (Eds.), *Affordable and Clean Energy*. Cham: Springer. [https://doi.org/10.1007%2F978-3-319-71057-0\\_116-1](https://doi.org/10.1007%2F978-3-319-71057-0_116-1)
- Blinkov, I., Kostadinov, S., Minčev, I., & **Petrović, A.** (2019). Soil Erosion and Torrent Control in Western Balkan Countries (Chapter 28). In L. Rui, T. L. Napier, S. El-Swaify, M. Sabir & E. Rienzi (Eds.), *Degradation of Soil and Water Resources* (pp. 510–536). Beijing: Science Press, Springer. [https://doi.org/10.1007/978-981-16-7916-2\\_28](https://doi.org/10.1007/978-981-16-7916-2_28)
- Kostadinov, S., Košanin, O., & **Petrović, A.** (2017). Extreme Climate Events and Erosion Control in Headwaters Catchments of Serbia. In J. Kreček, M. Haigh, T. Hofer, E. Kubin & C. Promper (Eds.), *Ecosystem Services of Headwater Catchments* (217–224). New Delhi: Springer Cham. [https://doi.org/10.1007/978-3-319-57946-7\\_19](https://doi.org/10.1007/978-3-319-57946-7_19)
- Kostadinov, S., **Borisavljević, A.**, & Mlađan, D. (2014). Torrents and Torrential Floods in Serbia: Characteristics and Possibilities of its Control. In M. Zlatić (Ed.), *Advances in GeoEcology*, 43 (pp. 156–172). Catena Verlag, ISBN: 978-3-923381-61-6.
- Dragičević, S., Ristić, R., Živković, N., Kostadinov, S., Tošić, R., Novković, I., **Borisavljević, A.**, & Radić, Z. (2013). Floods in Serbia in 2010 – Case Study: The Kolubara and Pcinja River Basins. In D. Loczy (Ed.), *Geomorphological Impacts of Extreme Weather: Case Studies from Central and Eastern Europe* (pp. 155–170). Dordrecht: Springer Geography. <http://www.springer.com/earth+sciences+and+geography/geology/book/978-94-007-6300-5>
- Ristović, I., & **Borisavljević, A.** (2010). New Technology for Prevention of Eolian Erosion of Ash at the Ash Disposals in Power Plant Nikola Tesla in Serbia. In M. Zlatić (Ed.), *Advances in GeoEcology*, 41 (pp. 278–285). Catena Verlag, ISBN: 978-3-923381-57-9.
- Urošev, M., Kovačević-Majkić, J., Štrbac, D., Milanović Pešić, A., Milijašević D., Jakovljević, D., & **Petrović, A.** (2017) Vode Srbije [Waters in Serbia]. In M. Radovanović (ed.), *Geografija Srbije [Geography of Serbia]* (pp. 160–235), Special issue, no. 91. Belgrade: Geographical Institute "Jovan Cvijić" SASA. ISBN 978-86-80029-70-2

### ***Articles and Abstracts in Proceedings of International Scientific Conferences***

- Nikolova, V., Guerit, L., Kamburov, A., Filipov, D., **Petrović, A.M.**, Babej, J., & Jakubínský, J. (2025, September, 15–19). Characterization of Riverbed Sediment Through 3d Point Cloud Processing and Analysis. *International Conference on Recent Trends in Geoscience Research and Applications*, Belgrade, Serbia and Virtual. In Book of Abstracts and Contributed Papers, Editors: Aleksandra Nina, Snežana Dragović, Maja Kuzmanoski, Milan Đorđević, and Mrđan Đokić
- **Petrović, A.M.** (2024, June 11–14). *Recent Torrential Floods in Serbia from a View of a Century-Long Story*. 3<sup>rd</sup> International Conference Natural Hazards and Risk in a Changing World: Addressing Compound and Multi-Hazard Risk, Amsterdam, Myriad-EU project, Risk Kan & NatRisk Changes, Online Booklet of Abstracts, p. 15. <https://www.changingworldrisks2024.eu/Booklet-MYRIAD-Conference>
- Guerit L., Steer P., Leroy P., Lague D., Filipov, D., Jakubinsky J., **Petrović A.**, & Nikolova V. (2024, April, 14–19): Classification and segmentation of 3D point clouds to survey river dynamics and evolution. EGU General Assembly 2024, Vienna, Austria. <https://doi.org/10.5194/egusphere-egu24-15896>

- Novković I., & **Petrović A.M.** (2023, May 8–9). *Application of fuzzy logic and GIS in the ranking of local self-government units from the aspect of relief suitability on the example of Jablanica and Pčinja districts, Serbia*. The 9<sup>th</sup> International Scientific Conference Geobalcanica, Skopje, Geobalcanica Society, Proceedings, pp. 169–181. <https://doi.org/10.18509/GBP23169n>
- **Petrović, A.M.**, Manojlović, S., & Kostadinov, S. (2022). The Impact of Depopulation on Reduction of the Peaks of Torrential Floods in Selected Watersheds of Southeastern Serbia. In *Proceedings of the 6th International Symposium on Natural Hazards and Disaster Management – ISHAD 2022*, pp. 201–209.
- Manojlović, S., **Petrović, A.M.**, & Srejić, T. (2022). Intra-Annual Dynamics Dissolved Solids and Suspended Sediment in the Extreme Hydrological Events – Case Study Nišava River. In *Proceedings of the 8th International Scientific Conference GEOBALCANICA*, pp. 19–33. <https://doi.org/10.18509/GBP22019m>
- **Petrović, A.M.**, Manojlović, S., & Kostadinov, S. (2021). How Extreme were the Torrential Floods in Smaller Watersheds in Serbia in September 2014. In *Proceedings of the 5<sup>th</sup> International Symposium on Natural Hazards and Disaster Management*.
- **Petrović, A.M.**, Nikolova, V., & Novković, I. (2021). The Impact of Watershed Morphometry on Occurrence of Torrential Floods: Case Study of Serbia and Bulgaria. In *Proceedings of the 7<sup>th</sup> International Scientific Conference Geobalcanica 2021* (pp. 15–28). <https://doi.org/10.18509/GBP210015p>
- **Petrović, A.M.**, Đukić, V., & Radić, B. (2021). Hydrological Model of the Toplica Watershed in Addressing New Challenges in Flood Risk Assessment. In *Proceedings of the 7<sup>th</sup> International Scientific Conference Geobalcanica 2021* (pp. 3–14). <https://doi.org/10.18509/GBP21003p>
- **Petrović, A.M.** (2016). Floods of Torrential Tributaries in the Zapadna Morava River Basin. In V. Jović & A. M. Petrović (Eds.), *Proceedings of the International Scientific Conference „150th Anniversary of Jovan Cvijić's Birth”* (pp. 289–297). [http://www.gi.sanu.ac.rs/media/com\\_form2content/documents/c26/a414/f478/2016Zbornik\\_JCvijic.pdf](http://www.gi.sanu.ac.rs/media/com_form2content/documents/c26/a414/f478/2016Zbornik_JCvijic.pdf)
- **Petrović, A.M.** (2015). The Torrential Floods in the Južna Morava River Basin. In *Proceedings of the IInd International Conference on Natural Hazards — Links between Science and Practice* (pp. 356–362). ISBN 978-5-7103-3078-4
- Kostadinov, S., & **Petrović, A.** (2013). Forests in Serbia as the Factor of Global Climate Changes Mitigation. In *Proceedings of the International Conference on Climate and Global Change Impacts on Water Resources* (pp. 81–86). ISBN 978-86-82565-41-3.
- Kostadinov, S., Košanin, O., **Petrović, A.**, & Milčanović, V. (2013). Water Erosion and Torrential Floods – Significant Factor in Land Degradation. In *Proceedings of the First International Congress of Serbian Soil Science Society* (pp. 451–465). ISBN 978-86-911273-3-6.
- Zlatić, M., Kostadinov, S., Lakićević, M., & **Borisavljević, A.** (2010). Influence of Anthropogenic Factors on Environment in the Rasina Watershed. In *Proceedings of the International Scientific Conference: Forest Ecosystems and Climate Changes* (pp. 265–271). ISBN 978-86-80439-22-8.
- **Borisavljević, A.**, & Ristović, I. (2009). Ecoindustrial Ecosystems as Alternative in the Environment Protection from Harmful Influence of Industrial Waste. In *Proceedings of the Second International Symposium: Environment Protection in Industrial Areas* (pp. 203–209). ISBN 987-86-80893-23-5.

#### **Articles in National Journals**

- Dragičević, S., Živković, N., Novković, I., **Petrović, A.**, Tošić, R., & Milevski, I. (2016). Hydrological and Suspended Sediment Regime in the Kolubara River During the Extreme Year of 2014. *Revista De Geomorfologie*, 18, 30–42. [http://www.revistadegeomorfologie.ro/revista/Rev\\_geomorfologie\\_18.pdf](http://www.revistadegeomorfologie.ro/revista/Rev_geomorfologie_18.pdf)

- **Petrović, A. M.**, & Ristić, R. (2015). Spatiotemporal Review of the Torrential Flood Phenomenon in the Morava River Basin. *SPATIUM*, 34, 64–69. <https://doi.org/10.2298/SPAT1534064P>
- **Borisavljević, A.**, & Kostadinov, S. (2012). Integrated River Basin Management of Južna Morava River. *Bulletin of the Serbian Geographical Society*, 92 (1), 135–160. <https://doi.org/10.2298/GSGD1201135B>
- Kostadinov, S., & **Borisavljević, A.** (2012). Soil Erosion Control and Soil and Water Conservation Worldwide. *Erosion*, 38 (4), 5–31. [http://www.udruzenjebujicara.com/index.php?option=com\\_content&view=article&id=64&Itemid=48&lang=sr-lat](http://www.udruzenjebujicara.com/index.php?option=com_content&view=article&id=64&Itemid=48&lang=sr-lat)
- **Borisavljević, A.** (2011). The Danube in Serbia – Ecological Status and Management Issues. *Transylvanian Review of Systematical and Ecological Research*, 12, 91–100. <http://stiinte.ulbsibiu.ro/trser/trser12/91-100.pdf>

#### ***Handbook for primary school***

- Ilić, N., Petrović, S., Tadić, V., Ristić, L., Radisavljević, A., **Borisavljević A.**, & Muždeka, M. (2010). Životna sredina moga kraja [My environment]. Vladimirci: National-Liberal Network. ISBN 978-86-88327-00-8.

#### ***Supranational strategic document***

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