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Broad area of Specialization

physical geography, natural hazards, environment

Research Expertise

hydrology of torrents, torrential floods, erosion, water resources

Employment

- 2013 – Geographical Institute “Jovan Cvijić” of the Serbian Academy of Sciences and Arts
- 2011 – 2013 Faculty of Forestry of the University of Belgrade

Education

- PhD Studies: Faculty of Forestry, University of Belgrade. PhD thesis - *Factors of torrential flood genesis in Serbia, 207 p.*
- MSc Studies: Faculty of Geography, University of Belgrade. Master thesis - *State and issues in hazardous waste management, 71p.*
- BSc Studies: Faculty of Geography, University of Belgrade. Bachelor thesis - *Active learning in geography teaching, 46p.*

Membership in Professional Organizations

- World Association of Soil and Water Conservation – WASWC (since 2008)
- Serbian Geographical Society (since 2002)
- International Water Association - IWA (2010, 2011)
- Serbian Water Society (2009)

Professional Development

- 1st International Danube:Future Workshop, 8-10 April 2015, Klagenfurt, Austria.
- One-month study visit, June 2013, BOKU University, Viena, Austria.
- College on Soil Physics - 30th Anniversary, 25 Februar–01 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 study visit, March – December 2010, WWF Institute for Ecology of Floodplains, Rastatt; Saxon Foundation for Environment, Dresden, Germany.
- Danube Future Leader’s Conference, 5-6 June 2010, Cabinet 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 study visit, November 2009, University „Alexandru Ioan Cuza Iasi“, Iasi, Romania.
- Workshop “Academical skills”, 8-9 October 2009, Ministry of Education, Science and Technological Development, Belgrade, Serbia.

Honors and Awards

- Award of the EFG Bank Programme “Invest in European values” for the best students in Serbia, 2006

Published Books

1. Илић Н., Петровић С., Тадић В., Ристић Л., Радисављевић А., *Борисављевић А.*, Муждека М. (2010). Животна средина мог краја (приручник за основну школу), Национално-либерална мрежа, Владимирци. ISBN 978-86-88327-00-8.

Chapter in Books

2. Kostadinov S., *Borisavljević A.*, Mlađan D. (2014). Torrents and Torrential Floods in Serbia: Characteristics and Possibilities of its Control. *Advances in GeoEcology*, 43, Zlatić M. (ed.), Catena Verlag, p. 156-172, ISBN 978-3-923381-61-6. <http://www.catena-verlag.de/age43.htm>
3. 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. Geomorphological impacts of extreme weather: Case studies from central and eastern Europe, *Springer Geography*, p. 155-170, ISBN 978-94-007-6301-2. <http://www.springer.com/earth+sciences+and+geography/geology/book/978-94-007-6300-5>
4. 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. *Advances in GeoEcology*, 41, Loczy (ed.), Catena Verlag, p. 278-285. ISSN 978-3-923381-57-9. <http://www.catena-verlag.de/age37.htm>

Published Articles in International Journals

5. *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), p. 537-547, ISSN 0921-030X. <http://link.springer.com/article/10.1007%2Fs11069-015-1860-1>
6. *Petrović A.*, Kostadinov S., Dragičević S. (2014): The Inventory and Characterization of Torrential Flood Phenomenon in Serbia. *Polish Journal of Environmental Studies*, 23 (3), p. 823-830, ISSN 1230-1485. <http://www.pjoes.com/abstracts/2014/Vol23/No03/list.html>
7. Kostadinov S., Zlatić M., Dragičević, S., Novković I., Košanin O., *Borisavljević A.*, Lakićević M., Mlađan D. (2014). Antropogenic Influence on Erosion Intensity Changes in Rasina River Watershed Area upstream from "Čelije" Water Reservoir-Central Serbia, *Fresenius Environmental Bulletin*, 23 (1), Freising. ISSN 1018-4619. http://www.psp-parlar.de/details_feb_afs_.asp?typ=feb&datum=01.01.2014&jahr=2014
8. *Borisavljević A.* The Danube in Serbia – ecological status and management issues. (2011). *Transylvanian Review of Systematical and Ecological Research*, 12, 91-100, Sibiu. ISSN 1841 – 7051. http://stiinte.ulbsibiu.ro/trser/trser12/TRSER2011_12_WetlandsPrefacePDF.pdf

Published Articles in National Journals

9. *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, ISSN 0350-7599. http://www.gi.sanu.ac.rs/en/publications/journals/pdf/065_2/gijc_zr_65_2_003_petrovic.pdf

10. *Борисављевић А.*, Костадинов С. (2012). Интегрисано управљање речним сливом Јужне Мораве. Гласник Српског географског друштва, 92 (1), 135–160, Београд. ISSN 0350–3593. <http://scindeks.ceon.rs/article.aspx?query=ISSID%26and%2610290&page=7&sort=8&stype=0&backurl=%2fissue.aspx%3fissue%3d10290>
11. Костадинов С., *Борисављевић А.* (2012). Заштита од ерозије и конзервација земљишта и вода у свету, Ерозија, 38 (4), 5-31, Београд. ISSN 0350–9648. http://www.udruzenjebujicara.com/index.php?option=com_content&view=article&id=64&Itemid=48&lang=sr-lat

International Conferences

12. *Petrović A. M.* (2015). The torrential floods in the Južna Morava river basin. IInd International Conference on Natural Hazards - Links between Science and Practice, 23-25 April 2015, Saransk, Russia. Proceedings, p. 356-362, ISBN 978-5-7103-3078-4. <http://conference.geo13.ru/en/>
13. Kostadinov S., *Petrović A.* (2013). Forests in Serbia as the Factor of Global Climate Changes Mitigation. The International Conference on Climate and Global Change Impacts on Water Resources, 17–18 Oktober 2013, Belgrade, Serbia. Proceedings, p. 81-86. ISBN 978–86–82565–41–3. <http://www.jcerni.org/en/publications/ciwr-materials.html>
14. Kostadinov S., Košanin O., *Petrović A.*, Milčanović V. (2013). Water Erosion and Torrential Floods - Significant Factor in Land Degradation. The First International Congress of Serbian Soil Science Society, 23-26 September 2013, Belgrade, Serbia. Proceedings, p. 70. ISBN 978-86-911273-3-6. http://www.soilinst.rs/pdf/book_of_proceedings.pdf
15. *Petrović A.*, Kostadinov S. (2013). Phenomenon of torrential floods as natural hazards in Serbia: Preliminary results of torrential floods data collection. The International Conference on Natural Hazards - Links between Science and Practice, 8–11 October 2013, Belgrade, Serbia. Abstract book, p. 11. ISBN 978–86–80029–58–0. http://www.gi.sanu.ac.rs/rs/o_naucnih_skupova/o_naucnih_skupova.html
16. Jovanić P., Stanković D., *Borisavljević A.* (2012). Analysis of treatment technologies for soil contaminated by explosive residues. The International Conference on Land Conservation „Sustainable Land Management and Climate Changes“, 17–21 September 2012, Donji Milanovac, Serbia. Abstract book, p. 11. ISBN 978–86–7299–205–2. http://data.sfb.rs/sftp/landcon1209/Landcon1209_Abstracts.pdf
17. Zlatić M., Kostadinov S., Lakićević M., *Borisavljević A.* (2010). Influence of anthropogenic factors on environment in the Rasina watershed, International Scientific Conference: Forest Ecosystems and Climate Changes, 9-10 March 2010, Belgrade, Serbia. Proceedings, Vol.1, p. 265-271, ISBN 978-86-80439-22-8.
18. *Borisavljević A.*, Ristović I. (2009). Ecoindustrial Ecosystems as Alternative in the Environment Protection from Harmful Influence of Industrial Waste, The Second International Symposium: Environment Protection in Industrial Areas, 28-29 April 2009, Kosovska Mitrovica, Serbia. Proceedings, p. 203-209. ISBN 987-86-80893-23-5.

19. *Borisavljević A.* (2009). Sustainable water resources management in hilly-mountainous regions in Serbia, International Symposium on Geography and Sustainable Development, 22-25 October 2009, Ohrid, Macedonia. Proceedings, ISBN 978-608-65155-0-8.
20. *Borisavljević A., Mitić M.* (2008). Establishing Industrial Ecosystems in Function of Waste Generation Reduction, The International Scientific Conference Modern Technologies for Sustainable Development, 14-15 November 2008, Banja Luka, Bosna and Herzegovina. Proceedings, p.489-495. ISBN 978-99938-846-1-3. <http://www.institutzei.net/index.php/2011-01-01-11-29-33/2011-02-04-11-23-50>

National Conferences/Seminars

21. *Milošević M. V., Čalić J., Kovačević-Majkić J., Petrović A. M.* (2015). Geomorfološki indikatori prirodnih nepogoda - primer blatne bujice u Tekiji 2014. godine. Naučno-stručni skup sa međunarodnim učešćem „Planska i normativna zaštita prostora i životne sredine“, Asocijacija prostornih planera Srbije, Geografski fakultet Univerziteta u Beogradu, Zavod za urbanizam Grada Subotice, 16-18. april 2015., Palić, Srbija. Zbornik radova, str. 563-570, ISBN 978-86-6283-023-4, <http://www.apps.org.rs/publikacije/publikacije-sa-naucno-strucnih-skupova/>
22. *Borisavljević A., Ristić L.* (2009). Lokalni akcioni plan za upravljanje komunalnim otpadom za opštinu Ivanjica, Konferencija o otpadnim vodama, komunalnog čvrstog otpada i opasnog otpada, 6-9 april 2009., Zlatibor, Srbija. Zbornik radova, p. 58-63, ISBN 978-86-82931-28-7, Udruženje za tehnologiju vode i sanitarno inženjerstvo.
23. *Borisavljević A.* (2009). Integrisano upravljanje vodnim i zemljišnim resursima u rečnim slivovima u Srbiji, Konferencija o vodama - korišćenje i zaštita, 8-10. jun 2009., Zlatibor, Srbija. Zbornik radova, p. 29-34. ISBN 978-86-904241-6-0, Srpsko društvo za zaštitu voda.

List of Projects

- 2013–2014: *Geography of Serbia* (47007– Ministry of Education, Science and Technological Development of the Republic of Serbia).
- 2011-2013: *The Research on Climate Change Influences on Environment: Influence Monitoring, Adaptation and Mitigation* (43007), Subproject No. 9: *Torrential Floods Frequency, Soil and Water Degradation as the Consequence of Global Changes* (43007– Ministry of Education, Science and Technological Development of the Republic of Serbia).
- 2011-2012: *International bilateral project with Chinese organization „Integrated impacts assessment of soil and water conservation at regional scale“*, member of delegation in visit to the Institute for Soil and Water Conservation of the Chinese Academy of Science, 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).
- 2009: *Protection of Water Quality in Water Reservoirs by Erosion Control in Watersheds* (22003 – Ministry of Education, Science and Technological Development of the Republic of Serbia).

Organization of Conferences

- Member of Organization Committee of the International Scientific Conference LANDCON 1209, 17–21 September 2012, Donji Milanovac, Serbia. Organized by the Faculty of Forestry of the University of Belgrade.
- Member of Organization Committee of the International Scientific Conference “Jovan Cvijić – 150th Birth Anniversary”, 12-14 October 2015, Belgrade, Serbia. Organized by the Serbian Academy of Sciences and Arts, Geographical Institute “Jovan Cvijić” of the SASA, Belgrade City Museum.

Miscellaneous

- Coordinator of Scholarship Programme of the German Environment Foundation in Serbia since 2012

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