

НАУЧНОМ ВЕЋУ

ИНСТИТУТА ЗА МУЛТИДИСЦИПЛИНАРНА ИСТРАЖАВАЊА

БЕОГРАД



УНИВЕРЗИТЕТ У БЕОГРАДУ
ИНСТИТУТ ЗА МУЛТИДИСЦИПЛИНАРНА ИСТРАЖАВАЊА

Број: 2611/1

14.11. 2023. год.
БЕОГРАД

Одлуком Научног већа Универзитета у Београду - Института за мултидисциплинарна истраживања одржаног 16.11.2023. године, именовани смо за чланове комисије за оцену испуњености услова, др Стефана Скорића, за избор научног звања **научни саветник**.

На основу увида у достављену документацију, обавили смо анализу досадашњег научно-истраживачког рада др Стефана Скорића, те Научном већу подносимо следећи

ИЗВЕШТАЈ

1. БИОГРАФСКИ ПОДАЦИ

Стеван Б. Скорић рођен је 03. априла 1978. године (ЈМБГ 0304978770036) у Ваљеву. Основну и средњу школу завршио је у Ваљеву. Биолошки факултет Универзитета у Београду уписао је 1997/1998. године на смеру Еколођија и заштита животне средине. Звање Дипломирани биолог заштите животне средине, са средњом оценом 8,3 стиче 2002. године одбраном дипломског рада.

На Биолошком факултету Универзитета у Београду, школске 2006/2007. године уписао је докторске студије на студијском програму Еколођија, биогеографија и заштита биодиверзитета, модул Хидроекологија. Звање доктора биолошких наука стиче одбраном докторске дисертације под називом „Популациона динамика, исхрана и екотоксикологија великог корморана *Phalacrocorax carbo* (Linnaeus, 1758) на Царској бари“ 2013. године. Звање научни сарадник стиче у јуну 2014, а виши научни сарадник у мају 2019.

Београду, где од 2020. године обавља дужност шефа Одсека за биологију и заштиту копнених вода. У периоду од 2021–2023. године био је члан Управног одбора Института за мултидисциплинарна истраживања.

Члан је Српског биолошко друштва и Српског друштва за заштиту вода.

До сада је био учесник на седам националних и једанаест међународних пројекта. Аутор је и коаутор 55 публикација у националним и међународним часописима и 80 саопштења презентованих на научним конгресима у земљи и иностранству.

1. БИБЛИОГРАФИЈА

2.1. Библиографија до избора у звање виши научни сарадник

2.1.1. Радови у врхунском међународном часопису (M21a и M21)

1. Višnjić-Jeftić Ž., Jarić I., Jovanović Lj., Skorić S., Smederevac-Lalić M., Nikčević M., Lenhardt M. (2010). Heavy metal and trace element accumulation in muscle, liver and gills of the Pontic shad (*Alosa immaculata* Bennet, 1835) from the Danube River (Serbia). Microchemical Journal 95: 341-344.
2. Jaric, I., Višnjić Jeftić, Ž., Cvijanović, G., Gačić, Z., Jovanović, Lj., Skorić, S., Lenhardt, M. (2011). Determination of differential heavy metal and trace element accumulation in liver, gills, intestine and muscle of sterlet (*Acipenser ruthenus*) from the Danube River in Serbia by ICP-OES. MICROCHEMICAL JOURNAL vol. 98 (1) 77-81.
3. Skorić, S., Visnjić-Jeftic, Z., Jaric, I., Djikanovic, V., Mickovic, B., Nikcevic, M., Lenhardt, M. (2012) Accumulation of 20 elements in great cormorant (*Phalacrocorax carbo*) and its main prey, carp (*Cyprinus carpio*) and Prussian carp (*Carassius gibelio*). Ecotoxicology and Environmental Safety 80: 244-251.

4. Langguth, T., Honnen, A-C., Hailer, F., Mizera, T., **Skorić, S.**, Vali, U., Zachos, F. (2013). Genetic structure and phylogeography of a European flagship species, the white-tailed sea eagle *Haliaeetus albicilla*. *Journal of avian biology* 44 (3): 263-271.
5. Sunjog, K., Kolarevic, S., Kracun-Kolarevic, M., Visnjic-Jeftic, Z., **Skorić, S.**, Gacic, Z., Lenhardt, M., Vasic, N. & Vukovic-Gacic, B. (2016) Assessment of status of three water bodies in Serbia based on tissue metal and metalloid concentration (ICP-OES) and genotoxicity (comet assay). *ENVIRONMENTAL POLLUTION*, 213, 600-607.
6. Djikanovic, V., **Skoric, S.**, Jaric, I. & Lenhardt, M. (2016). Age-specific metal and accumulation patterns in different tissues of nase (*Chodrostoma nasus*) from the Medjuvrsje Reservoir. *SCIENCE OF THE TOTAL ENVIRONMENT*, 566, 185-190.
7. Subotic S., Spasic S., Visnjic-Jeftic Z., Hegedis A., Krpo-Cetkovic J., Mickovic B., **Skoric S.** & Lenhardt M. (2013). Heavy metal and trace element bioaccumulation in target tissues of four edible fish species from the Danube River (Serbia). *Ecotoxicology and Environmental Safety* 98, 196-202.
8. Rašković B., Poleksić V., Višnjić – Jeftić Z., **Skorić S.**, Gačić Z., Djikanović V., Jarić I., Lenhardt M. (2015). Use of Histopathology and Elemental Accumulation in Different Organs of Two Benthophagous Fish Species as Indicators of River Pollution. *Environmental Toxicology* 30 (10), 1153-1161.
9. Jovičić K., Nikolić M.D., Višnjić – Jeftić Ž., Đikanović V., **Skorić S.**, Stefanović M.S., Lenhardt M., Hegediš A., Krpo-Ćetković J., Jarić I. (2015). Mapping differential elemental accumulation in fish tissues: assessment of metal and trace element concentrations in wels catfish (*Silurus glanis*) from the Danube River by ICP-MS. *Environmental Science and Pollution Research*, 22. 5: 3820-3827.
10. Rašković, B., Poleksić, V., **Skorić, S.**, Jovičić, K., Spasić, S., Hegediš, A., Vasić, N. & Lenhardt, M. (2018). Effects of mine tailing and mixed contamination on metals, trace elements accumulation and histopathology of the chub (*Squalius cephalus*) tissues: Evidence from three differently contaminated sites in Serbia. *Ecotoxicology and Environmental Safety*, 153: 238-247.

2.1.1. Радови у истакнутим међународним часописима (M22)

11. Lenhardt, M., Jaric, I., Visnjic-Jeftic, Z., **Skoric, S.**, Gacic, Z., Pucar, M., Hegedis, A. (2012). Concentrations of 17 elements in muscle, gills, liver and gonads of five economically important fish species from the Danube River. *Knowledge and management of aquatic ecosystem* 407: 02p1-02p10.
12. Hribšek, I., Jovičić, K., Karadžić, B. & **Skorić, S.** (2017). Allocation of metals and trace elements in different tissues of piscivorous species *Phalacrocorax carbo*. *Archives of Environmental Contamination and Toxicology*. 73 (4), 533-541.
13. Sunjog K., Kolarević S., Kračun-Kolarević M., Gačić Z., **Skorić S.**, Đikanović V., Lenhardt M. & Vuković-Gačić, B. (2014). Variability in DNA damage of chub (*Squalius cephalus* L.) blood, gill and liver cells during the annual cycle. *Environmental Toxicology and Pharmacology* 37 (3), 967-974.
14. Višnjić-Jeftić Ž., Lenhardt M., Vukov T., Gačić Z., **Skorić S.**, Smederevac-Lalić M., Nikčević M. (2013). The geometric morphometrics and condition of Pontic shad (*Alosa immaculata*) migrants to the Danube River. *Journal of Natural History*, 47 (15-16), 1121-1128.
15. Djikanović V., **Skorić S.**, Lenhardt M., Smederevac-Lalić M., Visnjić-Jeftić Z., Spasić S., Mićković B. (2015). Review of sterlet (*Acipenser ruthenus* L. 1758) (Actinopterygii: Acipenseridae) feeding habits in the River Danube, 1694-852 river km. *Journal of Natural History*, 49(5-8), 411-417.

2.1.2. Радови објављени у међународним часописима (M23)

16. **Skoric, S.**, Cvijanovic, G., Kohlmann, K., Hegedis, A., Jaric, I., Lenhardt, M. (2013): First record of a hybrid striped bass (*Morone saxatilis* x *Morone chrysops*) in the Danube River (Article). *Journal of applied ichthyology* 29 (3): 668-670.

17. Marinkovic, S., Orlandic, L., Skoric, S., Karadzic B. (2012). Nest-Site Preference of Griffon Vulture (*Gyps fulvus*) in Herzegovina. Archives of biological science 64 (1), 385-392.
18. **Skoric, S.**, Raskovic, B., Poleksic, V., Gacic, Z., Lenhardt, M. (2012). Scoring of the extent and intensity of carp (*Cyprinus Carpio*) skin changes made by cormorants (*Phalacrocorax carbo sinensis*): relationship between morphometric and histological indices. Aquaculture international 20 (3), 525-535.
19. Smederevac-Lalic, M., Jaric, I., Visnjic-Jeftic, Z., **Skoric, S.**, Cvijanovic, G., Gacic, Z., Lenhardt, M. (2012). Management approaches and aquaculture of sturgeons in the Lower Danube region countries. Journal of applied ichthyology 28 (3), 488-488.
20. Jakovcev-Todorovic, D., Djikanovic, V., **Skoric, S.**, Cakic, P. (2010). Freshwater Jellyfish *Craspedacusta owerbyi* Lankester, 1880 (Hydrozoa, Olindiidae)-50 Years' Observations In Serbia. Archives of biological science 62 (1), 123-127.
21. Marinkovic, S., **Skoric, S.**, Popovic, Z., Nikcevic, M. (2008). Research on long-term colonization of goosander (*Mergus merganser* Linneaus, 1758) with reference to habitat availability. Archives of biological science 60 (3), 501-506.
22. Skoric, S., Stefanovic, K., Marinkovic, S. (2007). Contribution to studies on white-tailed eagle (*Haliaeetus albicilla* Linnaeus, 1758) in Western Serbia and the Republic of Srpska. Archives of biological science 59 (1), 5P-6P.
23. Djikanović V., Marković G., **Skorić S.**, (2013). New record of *Neogobius fluviatilis* (Pallas, 1814) (Gobidae) in the Danube river basin (Serbia). Archives of biological science 65 (4), 1469-1472.
24. Jovicic K., Lenhardt M., Visnjic-Jeftic Z., Djikanovic V., **Skoric S.**, Smederevac-Lalic, M., Jacimovic M., Gacic Z., Jaric I. & Hegedis A. (2014). Assessment of fish stocks and elemental pollution in the Danube, Sava and Kolubara rivers on the territory of the city of Belgrade, Serbia. Acta Zoologica Bulgarica, Suppl. 7, 179-184.
25. Smederevac-Lalić M., **Skorić S.**, Visnjić-Jeftić Ž., Djikanović V. & Mićković B. (2015) Growth and weight-length relationship of burbot *Lota lota* (L.) (Lotidae) in the Danube River at Backa Palanka (Serbia). Acta zoologica Bulgarica, 67 (1), 97-103.

26. Djikanović, V., **Skorić, S.** & Gačić, Z. (2016) Concentration of metals and trace elements in different tissue of nine fish species from Medjuvrsje reservoir (West Morava river basin, Serbia). Archives of biological science, 68 (4), 811-819.
27. Jovicić, K., Janković, S., Višnjić-Jeftić, Ž., **Skorić, S.**, Djikanović, V., Lenhardt, M., Hegediš, A., Krpo-Ćetković, J. & Jarić, I. (2016) Mapping differential elemental accumulation in fish tissue: importance of fish tissue sampling standardization. Archives of biological science, 68 (2), 303-309.
28. Nikčević, M., **Skorić, S.**, Cvijanović, G., Hegediš, A. & Mićković, B. (2016) First record of smoltified rainbow trout *Oncorhynchus mykiss* (Walbaum, 1972), in the main riverbed of Serbian part of the Danube river. Journal of applied ichthyology, 32 (6), 1235-1236.
29. **Skorić, S.**, Mićković, B., Nikolić, D., Hegediš A. & Cvijanović, G. (2017). A Weight-length relationship of the Amur Sleeper (*Percottus glenii* Dybowski, 1877) (Odontobutidae) in the Danube River drainage canal, Serbia. Acta zoologica Bulgarica, Suppl. 9, 2017: 155-159.
30. Lenhardt, M., Pekarik, L., **Skorić, S.**, Smederevac-Lalić, M., Hegediš, A., Jaćimović, M. & Djikanović, V. (2017). Influence of the twilight period and different sampling methods on catch of Gobiids (Gobiidae) at four locations in the inshore parts of the Danube river. Acta zoologica Bulgarica, Suppl. 9, 2017: 225-229.

2.1.3 Рад у водећем часопис националног значаја (M51)

31. **Skorić S.**, Mićković B., Regner S., Višnjić Jeftić Ž., Hegediš A. (2010). The use of hopper barges as facilities for aquaculture: The growth characteristics of Carp (*Cyprinus carpio*) depending on stocking density. Journal of Agricultural Science. 55(2), 147-155.

2.1.4 Рад у часопису националног значаја (M52)

32. Regner S., Mićković M., **Skorić S.**, Višnjić Jeftić Ž. and Hegediš A. (2010). The possibility of Using River hopper barges as aquaculture facilities. Acta Agriculturae Serbica. 15(30), 107-115.

1.1.5 Рад у научном часопису (M53)

33. Smederevac-Lalić M., Višnjić-Jeftić Ž., Pucar M., Mićković B., **Skorić S.**, Nikčević M., Hegediš A. (2011) Fishing circumstances on the Danube in Serbia. Water Research and Management 1(4): 44-48.
34. Višnjić-Jeftić, Ž., Gačić, Z., **Skorić, S.**, Smederevac-Lalić, M., Đikanović, V. & Mićković, B. (2014). Population Structure of Burbot (*Lota Lota* L.) in the Danube, Water Research and Management, Journal of Serbian Water Pollution Control Society, 4, 2, pp.43 - 47, 2217-5237, 2014.

2.1.6. Саопштење са међународног скупа штампано у целини(M33):

35. **Skorić S.**,Višnjić-Jeftić Ž., Hegediš A., Gačić Z., Đikanović V., Poleksić V., Rašković B. and Lenhardt M. (2008). Diet of Great cormorant (*Phalacrocorax carbo* L.) at Special Reserve of Nation "Stari Begej-Carska Bara" in northern Serbia. Symposium on Interactions Between Social, Economic and Ecological Objectives of Inland Commercial, Recreational Fisheries and Aquaculture. 21-24 May. Antalya, Turkey.
36. Ham I., **Skorić S.** & Tucakov M. (2009): Status and breeding biology of the White-tailed Eagle *Haliaeetus albicilla* in former Yugoslavia and in Serbia. Denisia 27: 127-138.
37. **Skorić, S.**, Mićković, B., Višnjić-Jeftić, Ž., Hegediš, A., Regner, S. (2011). Further contribution related to identification of condition for the use of river hopper barges as aquaculture facilities. V International Conference „Water & Fish“, June, 14-16.2013. Serbia, Belgrade, Coference Proceedings: 148-154.
38. Mićković, B., Nikčević, M., Hegediđ, A., Lenhardt, M., Pucar, M., **Skorić, S.** (2011). Preliminary results on successful stocking of pikeperch (*Sander lucioperca* L.) in the Zlatar reservoir. V International Conference „Water & Fish“, June, 14-16.2013. Serbia, Belgrade, Coference Proceedings: 216-224.

39. Subotić, S., Spasić, S., Višnjić Jeftić, Ž., **Skorić, S.**, Hegediš, A., Krpo-Ćetković, J., Gačić, Z., Lenhardt, M. (2012). Heavy metal accumulation in tissues of pikeperch (*Sander lucioperca*), European catfish (*Silurus glanis*) and common carp (*Cyprinus carpio*) from the Danube River. 39th IAD Conference, Proceedings, 21-24 August, 2012. Szentendre, Hungary, p. 53-62.
40. Spasić S., Smederevac-Lalić M., Pucar M., Jarić I., Mićković B., **Skorić S.**, Višnjić-Jeftić Ž. and Hegediš A. (2013). Importance of the quality of catch statistic data for the sustainable use of fish resources in Serbia. Proceedings of the 12th International Scientific Conference “Sinergija”, March 29, Bijeljina, Bosnia and Herzegovina, 697-702.
41. Spasić S., Višnjić-Jeftić Ž., Smederevac-Lalić M., Pucar M., Jarić I., Mićković B., **Skorić S.** and Lenhardt M. (2013). Meat quality of commercial fish species in the Danube from the aspect of heavy metal presence. Proceedings of the 12th International Scientific Conference “Sinergija”, March 29, Bijeljina, Bosnia and Herzegovina, 703-707.
42. **Skorić, S.**, Đikanović, V., Marković, G. i Hegediš, A. (2013). Concentrations of 16 elements in tissues (liver, muscle, scales) of Prussian carp (*Carassius gibelio*, Bloch, 1782) in Medjuvršje reservoir, sesonal aspect. VI International Conference „Water & Fish“, June, 12-14.2013. Serbia, Belgrade, Conference Proceedings: 288-294.
43. **Skorić S.**, Smederevac-Lalić M., Višnjić-Jeftić Ž, Hegediš A., Mićković B. (2013). Relationships of otolith size to total length of the burbot (*Lota lota*) from the Danube River. Proceedings of the IV international conference "Water and Fish", June, 12-14. Belgrade, Serbia, 158-163.
44. Đikanović, V., **Skorić, S.**, Cakić, P. (2013). Representatives of tapeworms (Cestoda) of fishes in Belgrade section of the Danube river. VI international conference „Water & Fish“, june 12-14, Faculty of Agriculture, Belgrade-Zemun, Serbia, Conference Proceedings: 402-408.
45. Kostić, D., Smederevac-Lalić, M., **Skorić, S.**, Lenhardt, M., Naunović, Z. & Hegediš, A. (2015). Recent advances in water quality monitoring in aquaculture, 7th International Conference “Water & Fish”- Conference proceedings, Faculty of Agriculture, Belgrade, pp. 323 - 327, 978-86-7834-224-0, Srbija, 10. - 12. Jun, 2015
46. **Skorić, S.**, Višnjić-Jeftić, Ž., Smederevac-Lalić, M., Jovičić, K. & Hegediš, A. (2015). Elements concentrations in tissue of chub (*Squalius cephalus*) from reservoirs of

National Park “Tara”, 7th International Conference “WATER & FISH”- Conference proceedings, Poljoprivredni fakultet, pp. 472 - 479, 978-86-7834-224-0, Srbija, 10. - 12. Jun, 2015

47. Jovičić, K., Višnjić-Jeftić, Ž., **Skorić, S.**, Smederevac-Lalić, M., Nikolić, D., Đikanović, V., Jarić, I., Lenhardt, M., Hegedis, A. (2015). Assessment of the metal and trace element contents in tissues of four commercial fish species from the Danube River, Belgrade, 7th International Conference “WATER & FISH” – Conference proceedings, Univerzitet u Beogradu, Poljoprivredni fakultet, pp. 94 - 100, 978-86-7834-224-0, Srbija, 10. - 12. Jun, 2015
48. Đikanović, V., **Skorić, S.**, Gačić, Z., Lenhardt, M., (2015). Barbel (*Barbus barbus* Linnaeus, 1758) endoparasite fauna and diet in the Belgrade section of the Danube River (Serbia), 7 th International Conference “WATER & FISH”- Conference proceedings, Faculty of Agriculture, Belgrade, Faculty of Agriculture, University of Belgrade, pp. 231 - 238, 978-86-7834-224-0, Srbija, 10. - 12. Jun, 2015
49. Višnjić-Jeftić, Ž., Gačić, Z., Đikanović, V., Jarić, I., Jovičić, K., Lenhardt, M., Mićković, B., Nikčević, M., Jaćimović, M., **Skorić, S.**, Smederevac-Lalić, M., Hegediš, A. & Cvijanović, G. (2015). Restoration of longitudinal connectivity of the Danube River by the construction of free passages for migratory fish species at the Iron Gates dams, International conference on river connectivity best practices and innovations “Fish Passage 2015”, University of Wisconsin - Madison, Oregon State University, University of Massachusetts Amherst, pp. 137 - 138, Holandija, 20. - 25. Jun, 2015

2.1.7. Caoniteње са међународног скупа штампано у изводу (M34):

50. **Skorić S.**, Novčić I. (2004): Ornitofauna ribnjaka Mala Vrbica. Prvi simpozijum ekologa Republike Crne Gore sa međunarodnim učešćem, Tivat, Oktobar14.-18., Abstrakt
51. Novčić I., **Skorić S.** (2005): Protection of Whiskered tern *Chlidonias hybridus* on fishpond Mala Vrbica. Final Conference „Migration in the life-history of birds“, Vilhelmshaven, Deuchland, February 16.-20. Abstract

52. Višnjić-Jeftić Ž., Vukov T., Hegediš A., **Skorić S.**, Gačić Z. and Lenhardt M. (2007). Geometrical morphometry characteristics of Pontic shad (*Alosa pontica*) in the lower Danube region. XII European congress of ichthyology. 9-13 Septembar. Dubrovnik, Croatia, Book of Abstracts: 84.
53. **Skorić, S.**, Hegediš, A., Gačić, Z., Mićković, B., Nikčević, M. & Lenhardt M. (2007). The food of Great Cormorant (*Phalacrocorax carbo* L.) during nesting season in one of the largest colonies in Serbia. XII European Congress of Ichthyology, Cavtat, Croatia, Book of Abstracts: 85.
54. Lenhardt M., Navodaru I., Vassilev M., Višnjić-Jeftić Ž., **Skorić S.**, Smederevac-Lalić M. (2009) Status of Pontic shad (*Alosa immaculata* Bennett 1835) in Lower Danube Region. In: Book of Abstracts, International Workshop on the Restoration of Fish Populations, September 1-5, 2009, Düsseldorf, Germany, p. 36.
55. Smederevac-Lalić M., Jarić I., Višnjić-Jeftić Ž., **Skorić S.**, Cvijanović G., Gačić Z., Lenhardt M. (2009) Status of sturgeon populations in Lower Danube Region and possibilities for their better investigation and protection. In: Book of Abstracts, International Workshop on the Restoration of Fish Populations, September 1-5, 2009, Düsseldorf, Germany, p. 70.
56. Smederevac-Lalić M., Regner S., Hegediš A., Kalauzi A., Višnjić-Jeftić Ž., **Skorić S.**, Lenhardt M. (2011) Socio-economic and biological aspects of the Danube commercial fisheries in Serbia. In: Abstracts book, International Conference on the Status and Future of the World's Large Rivers, April 11-14, 2011, Vienna, Austria, p. 395.
57. Đikanović, V., Nikolić, V., **Skorić, S.**, Cakić, P. (2011). Alochtonous fish parasitofauna in Serbian open water. In: Abstract book, 15. EAFF International conference on diseases of fish and shellfish, September 12-16, 2011. Split, p. 240.
58. Simonović, P., Krizmanić, I., Nikolić, V., Miličić, D., Delić, J., **Skorić, S.**, Tošić, A., Škraba, D. (2011). Influence of invasive alien fish species in declared natural fish spawning site "Labudovo okno" (Danube river, Republic of Serbia). Proceeding of the 3th Aquatic Biodiversity International Conference, Sibiu, Romania, p. 100.
59. Lenhardt, M., Jarić, I., **Skorić, S.**, Smederevac-Lalić, M., Cvijanović, G., Đikanović, V., Višnjić-Jeftić, Ž., Hegediš, A., Mićković, B., Nikčević, Jovičić, K., Jaćimović, M. &

- Gačić, Z. (2014). Different possibilities for tracking sturgeon migration and habitat mapping in the Danube River., FITFISH (International Congress on the Biology of Fish), Heriot-Watt University, Edinburgh, 11, pp. 142 - 143, Schotland, 3. - 7. Aug, 2014
60. Lenhardt, M., Suću, R., Hout, S., Parashiv, M., Jani, M., Smederevac-Lalić, M., **Skorić, S.**, Cvijanović, G., Mićković, B. & Nikčević, M. (2016). Restoration of fish migration barrier – The Iron Gate hydropower dams between Romania and Serbia, FITFISH ANNUAL CONFERENCE, Institute for Multidisciplinary Research University of Belgrade, pp. 48 - 48, 22. - 22. Apr, Belgrade, Serbia, 2016
61. Lenhardt, M., Pekarik, L., Spasić, S., **Skorić, S.**, Smederevac-Lalić, M., Hegediš, A., Jaćimović, M. & Đikanović, V. (2016). The influence of diel period on fish assemblage surveys by electro-fishing and beach seining at three locations in the inshore part of the Danube River., The 41st International Association for Danube Research (IAD) Conference, “Lucian Blaga” University of Sibiu, pp. 6 - 6, ISBN 978-606-12-1303-0, Romania, 13. - 16. Sep, 2016
62. **Skorić, S.**, Mićković, B., Nikolić, D., Hegediš, A., Cvijanović, G. (2017). Seasonal weight-length relationship of Amur sleeper (*Percottus glenii* Dubowski, 1877) in the Danube River drainage channel, Networking and Regional Cooperation Towards Invasive Alien Species Prevention and Management in Europe. 7th ESENIAS Workshop with Scientific Conference. Book of abstract., Institute of Biodiversity and Ecosystem Research, Bulgarian Academy of Sciences (IBER-BAS); East and South European Network for Invasive Alien Species (ESENIAS), Institute of Biodiversity and Ecosystem Research Bulgarian Academy of Sciences, pp. 157 - 157, 978-954-9746-42-6, Sofia, Bulgaria, 28. - 30. Mar, 2017
63. Lenhardt, M., **Skorić, S.**, Jovičić, K., Spasić, S. & Hegediš, A. (2017). Impact assessment of environmental contamination by metal and metalloid concentrations (ICP-OES) in the gills, liver and muscle of chub (*Squalius cephalus*), 6th aquatic biodiversity international conference, pp. 6 - 6, 978-606-12-1465-5, 2017.
64. Lenhardt, M., Pekarik, L., **Skorić, S.**, Smederevac Lalić, M., Hegediš, A., Jaćimović M., Đikanović, V. (2017). Influence of the diel period and different sampling methods on catch of gobiids at four locations in the inshore part of the Danube River., Networking and Regional Cooperation Towards Invasive Alien Species Prevention and Management in

Europe. 7th ESENIAS Workshop with Scientific Conference. Book of abstract., Institute of Biodiversity and Ecosystem Research, Bulgarian Academy of Sciences (IBER-BAS); East and South European Network for Invasive Alien Species (ESENIAS), Institute of Biodiversity and Ecosystem Research Bulgarian Academy of Sciences, pp. 157 - 157, 978-954-9746-42-6, Sofia, Bulgaria, 28. - 30. Mar, 2017

65. Jovičić, K., Lenhardt, M., Višnjić-Jeftić, Ž., Đikanović, V., **Skorić, S.**, Smederevac-Lalić, M., Cvijanović, G., Jaćimović, M., Gačić, Z., Jarić, I. & Hegediš, A. (2014). Assessment of stocks and meat quality of fishery resources in the Danube, Sava and Kolubara rivers on the territory of the city of Belgrade, 40th Conference of the International Association of Danube Research, International association for Danube research (IAD), 40, pp. 42 - 42, Bulgaria, 17. - 20. Jun, 2014

2.1.8. Caopisiteње са националног скупа штампано у целини (M63):

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65. Sunjog, K., Kolarević, S., Gačić, Z., Hegediš, A., Pucar, M., **Skorić, S.**, Kračun, M., Knežević-Vukčević, J., Lenhardt, M., Vukojević-Gačić, B. (2012). Procena genotoksičnosti reke Gradac na ribama (*Salmo trutta*, *Barbus meridionalis*) komet testom. 42. konferencija o aktuelnim problemima korišćenja i zaštite voda „Voda 2013“, Divčibare, 5-7 jun 2012. Zbornik radova: 81-86.
66. **Skorić, S.**, Đikanović, V., Krpo-Ćetković, J., Hegediš, A. (2012). Makrozoobentos i ishrana potočne pastrmke (*Salmo trutta* L. 1758) na području predela izuzetnih odlika

- "Klisura reke Gradac" u jesenjem periodu. 42. konferencija o aktuelnim problemima korišćenja i zaštite voda „Voda 2013“, Divčibare, 5-7 jun 2012. Zbornik radova: 87-92.
67. Đikanović, V., Skorić, S., Cvijanović, G., Smederevac-Lalić, M., Višnjić-Jeftić, Ž., Pucar M., Hegediš A. (2013) Karakteristike ribolovnog resursa u vodama na teritoriji Beograda. 42. konferencija o aktuelnim problemima korišćenja i zaštite voda „Voda 2013“, Perućac, 4. - 6. jun 2013. Zbornik radova: 45-52.
68. Đikanović, V., Skorić, S., Marković, G. (2013). Koncentracija teških metala u mišićnom tkivu 10 vrsta riba akumulacije Međuvršje. 42. konferencija o aktuelnim problemima korišćenja i zaštite voda „Voda 2013“, Perućac, 4. - 6. jun 2013. Zbornik radova: 167-172.
69. Marković, G., Đikanović, V., **Skorić, S.**, Ljujić, J., Marinković, Z., (2014). Alohtone vrste riba većih akumulacija slivnog područja Zapadne Morave., 43. konferencija o aktuelnim problemima korišćenja i zaštite voda „Voda 2014“, Srpsko društvo za zaštitu voda, 43, pp. 65 - 70, 978-86-916753-1-8, Srbija, 3. - 5. Jun, 2014
70. Đikanović, V., Jovičić, K., Marković G, **Skorić, S.** (2016). Pregled bioloških zajednica akumulacije Međuvršje, 45. godišnja konferencija o aktuelnim temama korišćenja i zaštite voda "Voda 2016", Srpsko društvo za zaštitu voda, pp. 285 - 292, 978-86-916753-3-2, Srbija, 15. - 17. Jun, 2016
71. **Скорић, С.**, Ђикановић, В., Јовичић, К., Вишњић Јефтић, Ж., Цвијановић, Г., Хегедиш, А. (2017). Структура заједнице риба акумулација Спајић и Крушчица, 46. конференција о актуелним темама коришћења и заштите вода "Вода 2017", Српско друштво за заштиту вода, pp. 75 - 80, 978-86-916753-4-9, Вршац, 6. - 8. Jun, 2017

2.2.8. Саопштење са националног скупа штампано у изводу (M64)

72. Ленхардт М., Ђикановић, В., Хегедиш, А., Вишњић-Јефтић, Ж., **Скорић, С.**, Смедеревац-Лалић, М. (2016). Квалитативно-квантитативне промене ихтиофауне у проточним дунавским акумулацијама после изградње брана Ђерданских хидролелектрана., Еколошки и економски значај фауне Србије, Српска академија наука и уметности, Академијски одбор за проучавање фауне Србије, pp. 13 - 13, нема, Србија, 17. - 17. Nov, 2016

2.1.9. Одбрањена докторска дисертација (M70)

73. **Скорић, С.** (2013). Популациона динамика, исхрана и екотоксикологија великог корморана *Phalacrocorax carbo* (Linnaeus, 1758) на Царској бари. Биолошки факултет, Универзитет у Београду, Београд.

2.2. Библиографија од избора у звање виши научни сарадник

2.2.1 Монографска студија/поглавље у књизи M11 или рад у тематском зборнику водећег међународног значаја (M13)

74. Lenhardt, M., Smederevac-Lalić, M., Hegediš, A., **Skorić, S.**, Cvijanović, G., Višnjić-Jeftić, Ž., Đikanović, V., Jovičić, K., Jaćimović, M. and Jarić, I. (2020). Human impact on fish fauna in the Danube River in Serbia: current status and ecological implications,. In: Human impact on Danube watershed biodiversity in the XXI century. Springer, Cham, Switzerland; p. 257-280. (Eds. Banaduc, D., Curtean-Banaduc, A., Pedrotti, F., Cianfaglione, K., Akeroyd, J.R.), Springer. **M 13: 4,375**

2.2.2 Rad u међunarodном часопису изузетне вредности (M21a)

75. Đikanović, V., **Skorić, S.**, Spasić, S., Naunović, Z and Lenhardt, M. (2018). Ecological risk assessment for different macrophytes and fish species in reservoirs using biota-sediment accumulation factors as a useful tool. ENVIRONMENTAL POLLUTION, vol. 241: 1167-1174. **M 21a: 10; ИФ: 6,152**
76. Nikolić, D., **Skorić, S.**, Lenhardt, M., Hegediš, A., Krpo-Ćetković, J. (2020). Risk assessment of using fish from different types of reservoirs as human food – A study on European perch (*Perca fluviatilis*). Environmental Pollution, Vol. 257. February 2020, 113586, <https://doi.org/10.1016/j.envpol.2019.113586>. **M 21a: 10; ИФ: 8,350**

2.2.3 Радови у врхунском међународном часопису (M21)

77. Krpo-Ćetković, J., Subotić, S., **Skorić, S.**, Ćirović, D. (2019). Diet of the Eurasian otter (*Lutra lutra*) on the River Gradac, Serbia: Predation in a brown trout-dominated stream. Aquatic Conservation Marine and Freshwater Ecosystems, 29(2): 282-291. **M 21: 8; ИФ:3,190**
78. Horvatić, S., Malavasi, S., Parmentier, E., Marčić, Z., Buj, I., P. Mustafić, P., Čaleta, M., Smederevac-Lalić, M., **Skorić, S.**, Zanella, D. (2019). Acoustic communication during reproduction in the basal gobioid Amur sleeper and the putative sound production mechanism. Journal of Zoology, 309(4): 269-279. **M 21: 5; ИФ:1,922**
79. Nikolić, D., **Skorić, S.**, Rašković, B., Lenhardt, M., Krpo-Ćetković, J. (2020). Impact of reservoir properties on elemental accumulation and histopathology of European perch (*Perca fluviatilis*). Chemosphere, 244: 125503. **M 21: 8; ИФ:6,956**
80. Dobroev, D., Tsiakiris, R., Skartsis, T., Dobroev, V., Arkumarev, V., Stara, K., Stamenov, A., Probonas, N., Kominos, T., Galanaki, A., Kret, E., Hallmann, B., Grubač, B., Sušić, G., Marinković, S., Hribšek, I., **Skorić, S.**, Jerrentrup, H., Lučić, V., Kapelj, S., Stoyanov, G., Zakkak, S., Hristov, H., Stoychev, S., Sidropoulos, L., Bino, T. and Demerdzhiev, D. (2022). Long-term size and range changes of the Griffon Vulture *Gyps fulvus* population in the Balkans: a review (Review). Bird Conservation International, 32 (2): 206-221. **M 21: 2; ИФ: 2,0**
81. Nikolic, D., Poleksic, V., **Skoric, S.**, Tasic, A., Stanojevic, S., & Raskovic, B. (2022). The European Chub (*Squalius cephalus*) as an indicator of reservoirs pollution and human health risk assessment associated with its consumption. Environmental Pollution, 310: 119871. <https://doi.org/10.1016/j.envpol.2022.119871>. **M 21: 8; ИФ: 9,5**
82. Jacimovic, M., Smederevac-Lalic, M., Nikolic, D., Cvijanovic, G., Spasic, S., Visnjic-Jeftic, Z., **Skoric, S.** & Krpo-Cetkovic, J. (2023). Changes to fish assemblage following the selective removal of black bullhead (*Ameiurus melas*). Aquatic Conservation –Marine and Freshwater Ecosystem. <https://doi.org/10.1002/aqc.3986> **M 21: 6,666; ИФ: 2,7**

2.2.4 Радови у истакнутим међународним часописима (M22)

83. Marinkovic, S., Hribsek, I., Tatalovic, N. & **Skoric, S.** (2021). A long-term population study of the Eurasian griffon (*Gyps fulvus*) in Serbia before and following the establishment of a supplementary feeding program. Ethology, Ecology & Evolution, 33 (2): 137-155. **M 22: 5; ИФ: 1,131**
84. Nikolic, D., **Skoric, S.**, Jankovic, S., Hegedis, A. & Djikanovic, V. (2021). Age-specific accumulation of toxic metal(loid)s in northern pike (*Esox lucius*) juveniles. Environmental Monitoring and Assesment, 193 (4): /. **M 22: 5; ИФ: 3,420**
85. Nikolic, D., **Skoric, S.**, Poleksic, V. & Raskovic, B. (2021). Sex-specific elemental accumulation and histopathology of pikeperch (*Sander lucioperca*) from Garasi reservoir (Serbia) with human health risk assessment. Environmental Science and Pollution Research, 28 (38): 53700-53711. **M 22: 5; ИФ: 5,053**
86. Nikolić, D., **Skorić, S.**, Mićković, B., Nikčević, M., Smederevac-Lalić, M., Djikanović V. (2022). Accumulation of 25 Elements in gills, liver, gonads, and muscle of European chub (*Squalius cephalus*), Cactus roach (*Rutilus virgo*), and Pikeperch (*Sander lucioperca*) from Zlatar Reservoir (Serbia). Environmental Science and Pollution Research. <https://doi.org/10.1007/s11356-022-19472-9>. **M 22: 5; ИФ: 5,4**
87. Rašković, B., Poleksić, V., Jarić, I., **Skorić, S.**, Topisirović, G. & Stojnić, B. (2022). Accumulation of metal trace elements in different body parts of terrestrial Roman snail *Helix pomatia* L., 1758 on three polluted sites in Serbia. Environmental Science and Pollution Research. 2022. **M 22: 5; ИФ: 5,4**
88. Jovicic, K., Jankovic, S., Nikolic, D., Dikanovic, V., **Skoric, S.**, Krpo-Cetkovic, J. & Jaric, I. (2023). Prospects of fish scale and fin samples usage for nonlethal monitoring of metal contamination: a study on five fish species from the Danube River. Knowledge and Management of Aquatic Ecosystems, 424:/. **M 22: 5; ИФ: 1,6**

2.2.5 Радови објављени у међународним часописима (М23)

89. Djikanovic, V., **Skoric, S.** & Mickovic, B. (2019). Diet of the Round Goby *Neogobius melanostomus* (Pallas, 1811) (Gobiidae) in the Danube and Velika Morava Rivers in Serbia. *Acta Zoologica Bulgarica*, 72 (4): 629-634. **М 23: 3; ИФ: 0,548**
90. Hribsek, I., Plecas, M., **Skoric, S.** & Marinkovic, S. (2021). First description of movement and ranging behavior of the Griffon vulture (*Gyps fulvus*) from Serbia using GPS satellite tracking. *Archives of Biological Science*, 73 (2): 185-195. **М 23: 3; ИФ: 0,966**
91. Nikolic, D., **Skoric, S.**, Cvijanovic, G., Jacimovic, M., Djikanovic, V. & Mickovic, B. (2021). Morphometric and meristic characteristics of the Amur sleeper (*Percottus glenii*) from the Danube River drainage channel. *Archives of Biological Science*, 73 (3): 381-388. **М 23: 3; ИФ: 0,966**
92. Jacimovic, M., Krpo-Cetkovic, J., **Skoric, S.**, Smederevac-Lalic, M. & Hegedis, A. (2021). Seasonal feeding habits and ontogenetic diet shift of black bullhead (*Ameiurus melas*) in Lake Sava (Serbia). *Archives of Biological Science*, 73 (4): 513-521. **М 23: 3; ИФ: 0,966**
93. Djikanivić, V., Skorić, S., Mićković, B. & Nikolić, D. (2023). Diet analisys of the Amur sleeper (*Percottus glenii*) from the Danube river drainage clannel (Serbia). *Turkish journal of fisheries and aquatic Sciences*, 23 (12): TRJFAS22854. **М 23: 3; ИФ: 1,3**

2.2.6 Рад у научном часопису (М53)

94. Nikolić, D., **Skorić, S.**, Đikanović, V., Mićković, B., Hegediš, A., Lenhardt, M. (2020). Toxic Elements in Water and Sediment from Six Reservoirs in Serbia. *Water Research and Management*, 10 (1-2):18–13. **М53: 1**

2.2.7 Саопштење са међународног скупа штампано у целини(М33):

95. Nikolić D, **Skorić, S.**, Smederevac-Lalić, M., Erzsebet, F., Krpo-Ćetković, J. (2018). A comparasion of fish diversity and abundance between the main course an armlet of Danube

river near Belgrade (1168-1170 rkm). In: VIII International conference “Water & Fish” – Conference Proceedings, University of Belgrade - Faculty of Agriculture; 2018. p. 246–241.

M33:1

96. Nikolić, D., **Skorić, S.**, Cvijanović, G., Jaćimović, M., Jovicic, K., Hegediš, A. (2018). Assesment of fish species diversity and water quality in five reservoirs in Serbia based on the Shannon's diversity index. VIII International conference “Water & Fish” – Conference Proceedings, University of Belgrade - Faculty of Agriculture; 2018. p. 231–226.

M33:1

97. Hegediš, A., Simonović, P., Smederevac-Lalić, M., Skorić, S., Višnjić-Jeftić, Ž., Jaćimović, M., Jovičić, K., Lenhardt, M., Mićković, B., Nikčević, M., Gačić, Z., Nikolić, V., Tošić, A., Škraba Jurlina, D., Kanjuh, T., Regner S. (2018). Different aspects of sustainable use of fish resources in serbia for the period 2006-2017. VIII International conference “Water & Fish” – Conference Proceedings, 51-57. **M33: 0,357**

98. Đikanović, V., **Skorić, S.**, Nikčević, M., Mićković, B. (2018). Diet composition of brown trout (*Salmo trutta* L. 1756) from three rivers within Special nature reserve “Uvac”. In: VIII International conference “Water & Fish” – Conference Proceedings, Univesity of Belgrade - Faculty of Agriculture; 2018. p. 271–266. **M33:1**

99. **Skorić, S.**, Đikanović, V. (2018). Diet of great cormorant (*Phalacrocorax carbo*) in the “Carska bara” Special nature reserve, with a particular reference to the carp (*Cyprinus carpio*) share. In: VIII International conference “Water & Fish” – Conference Proceedings, Univesity of Belgrade - Faculty of Agriculture; 2018. p. 417–411. **M33:1**

100. Đikanović, V., **Skorić, S.**, Nikolić, V., Lenhardt, M. (2018). Intestinal parasites and diet of the commercially important fish species in the Belgrade strecth of Danube river (Serbia). In: VIII International conference “Water & Fish” – Conference Proceedings, Univesity of Belgrade - Faculty of Agriculture; 2018. p. 360–355. **M33:1**

101. Erzsebet, F., Smederevac-Lalić, M., Nikolić, D., **Skorić, S.**, Krpo-Ćetković, J. (2018). Length-weight relationship and condition factor of the common bream (*Abramis brama*) in the Danube river near Belgrade (1168-1170 rkm). In: VIII International conference “Water & Fish” – Conference Proceedings, University of Belgrade - Faculty of Agriculture; 2018. p. 213–209. **M33:1**

2.2.8. Саопштење са међународног скупа штампано у изводу (M34):

102. Smederevac-Lalić, M., **Skorić, S.**, Nikolić, D., Cvijanović, G., Jaćimović, M., Hegediš, A. (2022). Still eels in Serbia? Book of Abstracts International Conference Adriatic Biodiversity Protection - AdriBioPro2022, 13-17 June 2022, Kotor, Montenegro, p. 85. **M34: 0.5**
103. Jaćimović, M., Smederevac-Lalić, M., Nikolić, D., Cvijanović, G., Spasić, S., Višnjić-Jeftić, Ž., **Skorić, S.**, Krpo-Ćetković J. (2022). Effects of selective removal of the black bullhead (*Ameiurus melas*) on other non-native fish populations in the Ponjavica Nature Park (Serbia). Joint ESENIAS and DIAS Scientific Conference 2022 and 11th ESENIAS Workshop. Invasive alien species under conditions of global crisis, 13–15 November 2022 Demre, Antalya, Turkey, p.99. **M34: 0,417**
104. Nikolić, D., Smederevac-Lalić, M., **Skorić, S.**, Poleksić, V., Rašković, B. (2022). Elemental accumulation and histopathology of two age groups of pikeperch (*Sander lucioperca*) from Garaši reservoir (Serbia). Percis V 2022 5th International Percid Fish Symposium, České Budějovice, Czech Republic, September 18-23, 2022, pp 76. ISBN: 978-80-86668-10-9. **M34: 0.5**
105. Nikolić, D., **Skorić, S.**, Smederevac-Lalić, M., Cvijanović, G., Jaćimović, M., Stanojević, S., Tasić, A. (2022). Accumulation of 17 organochlorine pesticides in muscle of pikeperch (*Sander lucioperca*) from Garaši reservoir (Serbia). Percis V 2022 5th International Percid Fish Symposium, České Budějovice, Czech Republic, September 18-23, 2022, pp 77. ISBN: 978-80-86668-10-9. **M34: 0.5**
106. Kostić-Vuković, J., Sunjog, K., Kolarević, S., Smederevac-Lalić, M., Marković, Z., **Skorić, S.**, Jaćimović, M. (2022) Sensitivity of invasive alien fish in Serbia black bullhead *Ameiurus melas* (Rafinesque, 1820) as a bioindicator of genotoxicity. 14th International Comet Assay Workshop (ICAW), Maastricht, Netherlands. May 23rd until 26th, 2022. p. 73. **M34: 0.5**
107. Perodaskalaki, A., Raković, M., **Skoric, S.**, Ivović, M. Case study: Beak deformity of a *Monticola solitarius* individual in Gavdos, Crete. INTERNATIONAL CONGRESS ON THE ZOOGEOGRAPHY AND ECOLOGY OF GREECE AND ADJACENT REGIONS. Hellenic Zoological Society Mytilini, Lesvos, Greece (2022). **M34: 0.5**

108. Perodaskalaki, A., Raković, M., **Skorić, S.**, Kazila, E., Soulanou, M., Loukaki, E., Ivović, M. Spring migration of *Sylvia* species over the southernmost point of Europe Gavdos Island (Crete, Greece). INTERNATIONAL CONGRESS ON THE ZOOGEOGRAPHY AND ECOLOGY OF GREECE AND ADJACENT REGIONS. Hellenic Zoological Society Mytilini, Lesvos, Greece (2022). **M34: 0.5**
109. Sunjog, K., Kostić-Vuković, J., Kolarević, S., Jovanović Marić, J., Nikolić, D., **Skorić, S.** (2022). Genotoxicity of European chub (*Squalius cephalus* L. 1758) erythrocytes as an effective indicator in monitoring of water bodies under different pollution pressure. Joint EEMGS meeting & International Comet Assay Workshop, Maastricht, Netherlands. Book of abstracts, p. 54. **M34: 0.5**
110. Đikanović, V., Skorić, S., Tubić, B. & Jovičić, K. (2023). Assessment of ecological potential of Međuvršje reservoir based on benthic macroinvertebrates. 4th Symposium of freshwater biology. Zagreb, Croatia. Book of abstracts, p. 39. **M34: 0.5**
111. Nikolić, D., **Skorić, S.** & Smederevac – Lalić, M. (2023). Length-weight relationship and condition factor of the white bream (*Blica bjoerkna*) in the Danube river near Belgrade (1168-1170 rkm). 44th IAD Conference, February 6-9, 2023, Krems, Austria, pp.70. **M34: 0.5**

2.2.9 Leksikografska jedinica u naučnoj publikaciji vodećeg nacionalnog značaja, karta u naučnoj publikaciji nacionalnog značaja, kritičko izdanje građe u naučnoj publikaciji (M46)

112. Puzović, S., **Skorić, S.** (2018). *Mergus merganser*. In: Radišić, D., Vasić, V., Puzović, S., Ružić, M., Šćiban, M., Grubač, B., Vujić, A. eds. Crvena knjiga faune Srbije III – Ptice. Beograd: Zavod za zaštitu prirode Srbije, Univerzitet u Novom Sadu, Prirodno-matematički fakultet, Departman za biologiju i ekologiju i Društvo za zaštitu i proučavanje ptica Srbije. pp 318-321. **M46: 1**

2.2.10 Caopitmeње са националног скупа штампано у целини (M63):

113. Lenhardt, M., Đikanović, V., Hegediš, A., Višnjić-Jeftić, Ž., **Skorić, S.** and Smederevac-Lalić, M. (2018). Kvalitativno-kvantitativne promene ihtiofaune u protočnim dunavskim akumulacijama posle izgradnje brana đerdapskih hidroelektrana. In: Petanović R,

editor. Ekološki i ekonomski značaj faune Srbije: zbornik radova sa naučnog skupa, Beograd: SANU, 143–167. **M63: 1**

114. Mićković, B., Nikčević, M., **Skorić, S.**, Nikolić, D., Đikanović, V. (2018). Stratifikacija pokazatelja kvaliteta vode akumulacije “Uvac” (sezona sredina leta – rana jesen 2017). In: Voda 2018 - 47 konferencija o aktuelnim temama korišćenja i zaštite voda [Internet]. Srpsko društvo za zaštitu voda; 2018. p. 75–82. **M63: 1**
115. Đikanović, V., Nikolić, D., Mićković, B., **Skorić, S.** (2020). Sezonske promene zajednice riba reke Peštan i Beljanica. In: Voda 2020 - 49 godišnja konferencija o aktuelnim problemima korišćenja i zaštite voda [Internet]. Српско друштво за заштиту вода, Београд; 2020. p. 67–70. **M63: 1**
116. Nikolić, D., **Skorić, S.**, Đikanović, V., Mićković, B., Hegediš, A., Lenhardt, M. (2020). Koncentracije toksičnih elemenata u vodi i sedimentu iz šest veštačkih jezera u SrbijiIn: Voda 2020 - 49 godišnja konferencija o aktuelnim problemima korišćenja i zaštite voda [Internet]. Српско друштво за заштиту вода, Београд; 2020. p. 71–78. **M63: 1**
117. Nikolić, D., **Skorić, S.**, Mićković, B., Cvijanović, G., Hegediš, A., Đikanović, V. (2020). Prikaz parametara kvaliteta vode u tri akumulacije u Srbiji. In: Voda 2020 - 49 godišnja konferencija o aktuelnim problemima korišćenja i zaštite voda [Internet]. Српско друштво за заштиту вода, Београд; 2020. p. 194–189. **M63: 1**
118. Nikolić, D., Jaćimović, M., Mićković, B., Smederevac-Lalić, M., Cvijanović, G., **Skorić, S.** (2021). Ocena ekološkog statusa pet malih akumulacija u centralnoj Srbiji na osnovu zajednice riba. In: Voda 2021 - 50 godišnja konferencija o aktuelnim problemima korišćenja i zaštite voda [Internet]. Srpsko društvo za zaštitu voda, Beograd; 2021. p. 151–156. **M63: 1**
119. Mićković, B., Nikcevic, M., **Skorić, S.**, Nikolić, D., Smederevac-Lalić, M., Đikanović, V. (2021). Koncentracija hlorofila A i trofički indeks uvačke akumulacije. In: Voda 2021 - 50 godišnja konferencija o aktuelnim problemima korišćenja i zaštite voda [Internet]. Српско друштво за заштиту вода, Београд; 2021. p. 157-162. **M63: 1**
120. Đikanović, V., **Skorić, S.**, Mićković, B., Nikolić, D. (2022). Ocena ekološkog statusa tekućica zaštićenog područja SRP „Uvac” na osnovu zajednice riba. In: Voda 2021 - 50 godišnja konferencija o aktuelnim problemima korišćenja i zaštite voda [Internet]. Српско

друштво за заштиту вода, Београд; Vrnjačka Banja, 26-28. oktobar 2022, pp. 53-58. **M63: 1**

121. Nikolić, D., **Skorić, S.**, Mićković, B., Đikanović, V. (2022). Ocena ekološkog statusa Uvačkih akumulacija na osnovu zajednice riba. In: Voda 2021 - 50 godišnja konferencija o aktuelnim problemima korišćenja i zaštite voda [Internet]. Српско друштво за заштиту вода, Београд; Vrnjačka Banja, 26-28. oktobar 2022, pp. 59-64. **M63: 1**
122. Đikanović, V., **Skorić, S.**, Mićković, B., Nikolić, D. (2022). Ocena ekološkog statusa tekućica zaštićenog područja SRP "Uvac" na osnovu zajednice riba. In: Voda 2022 - 51 godišnja konferencija o aktuelnim problemima korišćenja i zaštite voda [Internet]. Српско друштво за заштиту вода, Београд; 2022. p. 53–58. **M63: 1**
123. Nikolić, D. & **Skorić, S.** (2023). Sezonska varijabilnost pokazatelja kvaniteta vode akumulacije Međuvršje. In: Voda 2023 - 52 godišnja konferencija o aktuelnim problemima korišćenja i zaštite voda [Internet]. Српско друштво за заштиту вода, Београд; 2023. p. 153–158. **M63: 1**

2.2.11 Саопштење са националног скупа штампано у изводу (M64):

124. Цвијановић, Г., **Скорић, С.**, Смедеревац-Лалић, М., Никчевић, М., Јаћимовић, М., Мићковић, Б., Николић, Д. (2022). Анализа аллометрије код плотице (*Rutilus virgo*) из акумулације Радоиња, Златар и Увац. Књига сажетака Трећи Конгрес биолога Србије, Златибор, Србија 21-25. 9. 2022, 142. ISBN 978-86-81413-09-8. **M64: 0.2**
125. Цвијановић, Г., **Скорић, С.**, Смедеревац-Лалић, М., Никчевић, М., Јаћимовић, М., Мићковић, Б., Николић, Д. (2022). Дужинско-тежински однос код скобаља (*Chondrostoma nasus*) из акумулација Међувршје, Овчар и Радоиња. Књига сажетака Трећи Конгрес биолога Србије, Златибор, Србија 21-25. 9. 2022, 143. ISBN 978-86-81413-09-8. **M64: 0.2**
126. Николић, Д., Мићковић, Б., Никчевић, М., Цвијановић, Г., Смедеревац-Лалић, М., Јаћимовић, М., **Скорић С.** (2022). Дужинско-тежински односи и фактор кондиције код бодорке (*Rutilus rutilus*) из акумулација Овчар, Међувршје, Заовине и Златар. Књига сажетака Трећи Конгрес биолога Србије, Златибор, Србија 21-25. 9. 2022, 148. ISBN 978-86-81413-09-8. **M64: 0.2**

127. Николић, Д., Џвијановић, Г., Смедеревац-Лалић, М., Јаћимовић, М., Мићковић, Б., Никчевић, М., **Скорић С.** (2022). Дужинско-тежински односи и фактор кондиције код клена (*Squalius cephalus*) из акумулација Перућац, Власина, Кокин брод и Спајићи. Књига сажетака Трећи Конгрес биолога Србије, Златибор, Србија 21-25. 9. 2022, 149. ISBN 978-86-81413-09-8. **M64: 0.2**
128. Николић, Д., Џвијановић, Г., Никчевић, М., Смедеревац-Лалић, М., Јаћимовић, М., **Скорић, С.** (2022). Оцена еколошког статуса реке Ибар на основу заједнице риба. Књига сажетака Трећи Конгрес биолога Србије, Златибор, Србија 21-25. 9. 2022, 150. ISBN 978-86-81413-09-8. **M64: 0.2**
129. Николић, Д., Смедеревац-Лалић, М., Џвијановић, Г., Мићковић, Б., Јаћимовић, М., **Скорић, С.** (2022). Оцена еколошког статуса реке Црни Тимок на основу заједнице риба. Књига сажетака Трећи Конгрес биолога Србије, Златибор, Србија 21-25. 9. 2022, 151. ISBN 978-86-81413-09-8. **M64: 0.2**
130. Јаћимовић, М., Смедеревац-Лалић, М., Николић, Д., Џвијановић, Г., Спасић, С., Вишњић-Јефтић, Ж., **Скорић, С.**, Крпо-Ћетковић, Ј. (2022). Утицај селективног излова црног америчког патуљастог сома (*Ameiurus melas*) на насеље риба у Парку природе „Поњавица“. Књига сажетака Трећи Конгрес биолога Србије, Златибор, Србија 21-25. 9. 2022, 161. ISBN 978-86-81413-09-8. **M64: 0.167**
131. Raković, M., **Skorić, S.**, Perodaskalaki, A., Kazila, E., Soulanou, M., Loukaki, E., Ivović, M. (2022) The timing of the spring migratory passage of *Sylvia* species over the southernmost point of Europe, Gavdos Island (Crete, Greece). Treći kongres biologa Srbije. Srpsko Biološko Društvo, Zlatibor, Srbija. **M64: 0.2**

3 АНАЛИЗА ОБЈАВЉЕНИХ РАДОВА

Преглед објављених радова показује да научно-истраживачки рад др др **Стевана Скорић** обухвата следеће уже истраживачке области:

1. ихтиологија, екологија и екотоксикологија риба;
2. орнитологија, екологија и екотоксикологија птица.

Резултатима истраживања из области ихтиологије, екологије и екотоксикологије риба припадају радови 1, 2, 5, 6, 7, 8, 9, 10, 11, 13, 14, 15, 16, 18, 19, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 74, 75, 76, 77, 78, 79, 81, 82, 84, 85, 86, 88, 89, 91, 92, 93, 95, 96, 97, 98, 100, 101, 115, 116, 117. Резултатима истраживања из области орнитологија, екологија и екотоксикологија птица припадају радови 3, 4, 12, 17, 21, 22, 35, 36, 80, 83, 90 и 99.

Увидом у до сада објављене радове, може се закључити да екотоксикологија различитих врста риба и ихтиофагних птица представља централну област истраживања др Стефана Скорића.

А) *Екотоксикологија риба и птица* (анализа метала, металоида и елемената у траговима, генотоксичност, хистопатолошка анализа, анализа биоиндикатора).

Рибе су изложене разним типовима загађења у води и седименту, па се сматра да могу представљати добре индикаторе стања акватичних екосистема. Птице мочварице се, такође, често користе као индикатори стања станишта. Разне студије указују на то да могу бити коришћене као индикатори контаминације водених екосистема металима и локалног загађења у околини њихових гнездилишта. Поред основних популационих анализа и могућности примене популационих параметара као индикатора квалитета животне средине, праћен је и ниво акумулације метала у различitim органима и ткивима риба и корморана као индикатора загађења животне средине.

Значајан пораст емисије токсичних материја од стране човека резултирао је брзим угађивањем у ланцу исхране. Токсични метали и елементи у траговима улазе у ланце исхране преко природних али и преко антропогених извора. Стално су присутни у окружењу, нису биоразградиви и имају дуг биолошки полуживот. Могу изазвати тератогене, мутагене и карциногене ефекте у живим организмима, укључујући и рибе. Метали попут гвожђа, бакра, хрома и цинка су есенцијални за метаболичке активности, али постају токсични у вишим концентрацијама. Постоје многа истраживања са подацима о концентрацији токсичних метала и елемената у траговима у мишићима, док се концентрације у другим органима риба ређе анализирају и не постоји јасна слика о њиховој дистрибуцији у другим ткивима и органима. Рибе су изложене контамиантима у води и седименту, па се сматра да могу представљати добре индикаторе стања акватичних екосистема, док су птице водених станишта на лествици

изнад у ланцу исхране. Стога су спроведена бројна истраживања нивоа акумулације токсичних метала у различитим органима и ткивима риба и птица, као и истраживања примене ових параметара као индикатора загађења животне средине. Утврђени су комплексни принципи дистрибуције елемената у организму, при чему јетра представља центар акумулације већине токсичних метала, док су најниже вредности забележене у мишићном ткиву. Рибе могу припадати различитим трофичким нивоима па је самим тим акумулација токсичних метала и елемената у траговима различита у зависности од њихове исхране, због чега је неоподно детаљно мапирање концентрације елемената у различитим ткивима код риба различитих трофичких нивоа (1, 2, 5, 6, 7, 8, 9, 10, 11, 13, 26, 27, 39, 41, 42, 46, 47, 77, 82, 89, 91, 92, 93, 95, 96, 97, 98, 100, 101, 115, 116 и 117). Екотоксиколошка истраживања на различитим ткивима ихтиофагних врста птица обрађена су у радовима 3 и 12.

Осим на нивоу ткива, токсичних метали и елементи у траговима изазивају промене и на нивоу генома па је сврсисходно радити истраживања њихове генотоксичности. Интензивни процеси производње ослобађају велики број агенаса, укључујући и метале и елементе у траговима, највећим делом у водене токове, па је потребно тестирати њихов генотоксични потенцијал. Рибе имају способност биоакумулације генотоксичних агенаса у ткивима те се могу користити као биоиндикатори. Процена генотоксичности вршена је на основу детекције оштећења ДНК молекула алкалним комет тестом у крви, јетри и шкргама. Параметри за рангирање нивоа оштећења ДНК молекула били су: дужина репа комете, интензитет репа комете и “*Olive tail moment*”. Паралелно са комет тестом, рађене су и анализе концентрације метала методом оптичке емисионе спектрометрије са индуктивно спрегнутом плазмом (ICP-OES) (5, 13, 65 и саопштења 106, 109, 111).

Хистопатолошке промене на ткивима (мишић, јетра, шкрга), такође могу бити узроковане повећаним нивоом метала и елемената у траговима, па могу бити од велике користи у утврђивању њиховог штетног утицаја на нивоу органа/ткива. Хистопатолошке методе примењују се за испитивање ефеката органских и неорганских загађивача (где спадају и токсични метали и елементи у траговима) на одређеним ткивима риба. Анализа природних популација риба само хистопатолошким методама није довољна за разумевање извора и трајања загађења. Међутим, добар приступ јесте коришћење статистичких метода у овим анализама, чиме се добија бољи преглед

утицаја загађивача на хистопатолошке промене код риба (радови број 8, 10, 18, 79, 81 и 85).

У раду број **8** процењен је ниво сличности хистопатолошких одговора на загађење шкрга и јетре између мрене и кечиге из Дунава и упоређен са концентрацијама елемената у шкргама, јетри и мишићима. Резултати показују да су детектоване концентрације метала вероватно узрок различитих реакција ткива у шкргама и јетри две испитиване врсте риба. Концентрације метала су премашиле максимално дозвољене концентрације у једном броју анализираних узорака, што указује на значај овог вида мониторинга. Резултати показују да је мрена бољи индикатор за специфичне, прилично уске локалитете, док је кечига бољи индикатор већих (дужих) делова тока.

Студија спроведена на три водна тела у Србији (река Коренита – слив Јадра, акумулација Међувршје и акумулација Крушчица), изложена различитом степену загађења, презентована је у раду број **10**. У различитим ткивима клена испитиване су концентрације метала, металоида и хистопатолошке промене током 2015. године. Највеће концентрације испитиваних елемената откривене су у шкргама, а најмање у мишићима. Показало се да су хистопатолошке промене највеће на шкргама које су прве на удару разних акцидената или хронично изложене загађењу. Највећа оштећења су регистрована код јединки клена из реке Корените, где је у периоду пре узорковања било забележено цурење јаловине са оближњег рудника Зајача. Нешто мања оштећења су забележена код риба из Међувршја, где је присутно стално загађење из узводног дела слива Западне Мораве ("Ваљаоница бакра Севојно", "Милан Благојевић наменска АД", ...), а готово без икаквих оштећења на ткивима су биле рибе из акумулације Крушчица која служи за водоснабдевање. Рад је показао да су шкрге и јетра риба поузданни биомаркери промена у животној средини.

Б) *Екологија риба* (утврђивање старости, дужинско тежинских особина, исхране, морфометријских карактеристика, популационе карактеристике).

У радовима 14, 15, 16, 18, 19, 23, 24, 25, 28, 29, 30, 33, 34, 38, 40, 43, 44, 48, 49, 74, 75, 76, 78, 79, 81, 84, 85, 86, и 88 обрађена су различита питања из екологије риба. У њима се дају опште анализе еколошких карактеристика одређених врста риба у различитим типовима отворених вода у Србији.

Процена старости риба обезбеђује важне демографске параметре уз које се процењује рибља популација. Тачни и прецизни подаци о старости су кључни за схватање биологије и екологије риба. Поред процене старости важно је одредити и дужинско-тежинске односе. Рибе током развића пролазе низ фаза у којима се мењају дужинско-тежинки односи. Овај однос најбоље презентује коефицијент алометрије односно фактор регресије дужине и тежине b . Вредности мање од три указују на негативан алометријски раст, тј. пораст дужине јединки је већи од пораста тежине у јединици времена, док позитиван алометријски раст указује на обрнути тренд. Између осталог, фактор алометрије може послужити за диференцијацију група или субпопулација у оквиру једне популације (радови 43, 101, 126, 127, 128, 129).

Испитивање геометријске морфометрије код риба је скуп метода које омогућују статистичку анализу облика и величине као и директно графичко представљање облика тела. Ова метода се користи за разумевање промене облика тела као и промена у алометрији током развића. У анализи се полази од распореда специфичних тачака на морфолошкој целини. Метода омогућава одвајање величине и облика и њихову независну анализу. Геометријска морфометрија има веома високу статистичку осетљивост тако да се њеном применом могу детектовати мале промене у облику, што није могуће детектовати традиционалном морфометријом (радови 14, 43).

Одређен број радова обрађује и проблематику појаве, ширења и негативног дејства интродукованих инвазивних врста (радови 16, 23, 28, 82, 89, 91, 92 и 93), глобалног феномена који представља све значајнији еколошки проблем у нашој земљи и у свету. Последњих година, појава интродукованих врста у водама Србије представља један од најзначајнијих фактора угрожавања аутохтоног биодиверзитета риба. Теренским истраживањима су забележени први налази хибрида пругастог баса у отвореним водама дунавског басена као и ширење поједињих врста фамилије Gobidae и Odontobutidae.

B) Екологија птица (популациона екологија, распростарање угрожених врста птица)

У радовима 4, 17, 21, 22, 35, 36, 80, 83, 90 и 99 обрађени су различити аспекти екологије, филогеографије и популационе биологије угрожених врста птица, првенствено птица грабљивица. Највећи број публикација из ове групе обрађује различите аспекте екологије белоглавог супа на простору Србије и Балкана. У раду 90 приказани су резултати праћења првог белоглавог супа обележеног сателитским

одашиљачем. Трогодишње праћење ове јединке дало је увид у обрасце понашања јединки у периоду до стицања полне зрелости (четврте године живота).

4 ИЗБОР ПЕТ НАЈЗНАЧАЈНИЈИХ НАУЧНИХ ПУБЛИКАЦИЈА

- 1.** Skoric, S., Visnjić-Jeftic, Z., Jaric, I., Djikanovic, V., Mickovic, B., Nikcevic, M., Lenhardt, M. (2012) Accumulation of 20 elements in great cormorant (*Phalacrocorax carbo*) and its main prey, carp (*Cyprinus carpio*) and Prussian carp (*Carassius gibelio*). Ecotoxicology and Environmental Safety 80: 244-251.
- 2.** Langguth, T., Honnen, A-C., Hailer, F., Mizera, T., Skorić, S., Vali, U., Zachos, F. (2013). Genetic structure and phylogeography of a European flagship species, the white-tailed sea eagle *Haliaeetus albicilla*. Journal of avian biology 44 (3): 263-271.
- 3.** Đikanović, V., Skorić, S., Spasić, S., Naunović, Z & Lenhardt, M. (2018). Ecological risk assessment for different macrophytes and fish species in reservoirs using biota-sediment accumulation factors as a useful tool. Environmental Pollution, 241: 1167-1174.
- 4.** Nikolić, D., Skorić, S., Lenhardt, M., Hegediš, A., Krpo-Ćetković, J. (2020). Risk assessment of using fish from different types of reservoirs as human food – A study on European perch (*Perca fluviatilis*). Environmental Pollution, 257. 113586, <https://doi.org/10.1016/j.envpol.2019.113586>.
- 5.** Dobroev, D., Tsiairis, R., Skartsis, T., Dobroev, V., Arkumarev, V., Stara, K., Stamenov, A., Probonas, N., Kominos, T., Galanaki, A., Kret, E., Hallmann, B., Grubač, B., Sušić, G., Marinković, S., Hribšek, I., Skorić, S., Jerrentrup, H., Lučić, V., Kapelj, S., Stoyanov, G., Zakkak, S., Hristov, H., Stoychev, S., Sidropoulos, L., Bino, T. & Demerdzhiev, D. (2022). Long-term size and range changes of the Griffon Vulture *Gyps fulvus* population in the Balkans: a review (Review). Bird Conservation International, 32 (2): 206-221.

Први рад произашао је као резултат докторске тезе кандидата. Кандидат је учествовао у свим фазама израде овог рада, од прикупљања узорака на терену, обраде, анализе, тумачења резултата и писања.

Други и пети рад представљају свеобухватна истраживања популација двеју угрожених врста птица грабљивица, орла белорепана и белоглавог супа, на нивоу Европе и Балкана. Представљају значајан допринос заштити и очувању ових врста на

истраживаним подручјима. Кандидат је више од десет година учествовао о прикупљању података о овим врстама у Србији.

Четврти рад са списка резултат је докторске тезе др Душана Николића, у чијој је изради кандидат био у својству ментора и активно је учествовао у комплетном осмишљавању и реализацији истраживања (узорковању, обради резултата и писању).

Трећи рад представља свеобухватну анализу акумулације метала и елемената у траговима у неколико врста макрофита, риба и седименту акумулације Међувршје, с циљем утврђивања биомагнификације елемената кроз ланац исхране. Кандидат је учествовао у свим фазама истраживања, почев од постављања хипотезе, прикупљања узорака, припреме и обраде података и писању рада.

5 КВАЛИТАТИВНИ ПОКАЗАТЕЉИ И ОЦЕНА НАУЧНОГ ДОПРИНОСА

Квалитет и утицајност научних резултата

Од почетка своје научне делатности, др Стефан Скорић је био аутор и коаутор 132 библиографске јединице, од којих 50 јединица представља научне радове објављене у међународним и националним часописима и монографијама (2xM21a, 8xM21, 8xM22; 11xM23 ;1xM24). Од избора у звање виши научни сарадник публиковао је 20 радова у међународним часописима (1xM13; 2xM21a, 6xM21, 6xM22; 5xM23), 1 рад у националном часопису (M53), једно поглавље у научној публикацији водећег националног значаја (M46) и 38 саопштења (7xM33, 11xM34, 11xM63, 8xM64).

Збир импакт фактора часописа у којима су публиковани радови након стицања звања виши научни сарадник је 67,52, док је укупан импакт фактор у досадашњем раду укупно 118,548. Радови на којима је кандидат био аутор или коаутор до сада су цитирани 849 пута (без аутоцитата), а *h*-index има вредност 15 (извор SCOPUS база).

Учешће у реализацији научних пројеката и ангажовање у руковођењу научним радом

Кандидат је учествовао на више националних научно-истраживачких пројеката:

- Рибе као биоиндикатори стања квалитета отворених вода Србије (ОИ 173045), Министарство просвете, науке и технолошког развоја, 2011-2019.

- Мерење и моделирање физичких, хемијских, биолошких и морфодинамичких параметара река и водних акумулација (ТР 37009), Министарство за науку и технолошки развој, Министарство просвете и науке, 2011-2019.
- Истраживање могућности за развој високопродуктивне аквакултуре на мобилним пловним објектима – (ТР 23034) Министарство за науку и технолошки развој, Министарство просвете и науке, 2008-2010.
- Индикатори нарушености структуре и функције терестричних екосистема – (1565) Министарство за науку, технологију и развој, 2003-2005.
- Риболовни ресурси у Дунаву и Сави на територији Београда - страње, валоризација, развој мониторинг програма, Градска управа града Београда - Секретаријат за заштиту животне средине, 2012-2013.
- Оперативни мониторинг површинских и подземних вода Републике Србије – Партија 1 – Оперативни мониторинг површинских вода, Министарство заштите животне средине Републике Србије, 2017.
- Израда студије о присуству Европске јегуље у риболовним водама Републике Србије, Министарство заштите животне средине Републике Србије, 2018.
- Оперативни мониторинг површинских и подземних вода Републике Србије – Партија 1 – Оперативни мониторинг површинских вода, Министарство заштите животне средине Републике Србије, 2019.
- Прибављање података и друге услуге у циљу успостављања еколошке мреже у Републици Србији, 5. фаза, Завод за заштиту природе Републике Србије, 2021.
- Прибављање података и друге услуге у циљу успостављања еколошке мреже Европске уније Натура 2000 као дела еколошке мреже Републике Србије, 4. фаза, Завод за заштиту природе Републике Србије, 2021.
- Прибављање података и друге услуге у циљу успостављања еколошке мреже у Републици Србији, 6. фаза, Завод за заштиту природе Републике Србије, 2022.
- Прибављање података и друге услуге у циљу успостављања еколошке мреже Европске уније Натура 2000 као дела еколошке мреже Републике Србије, 5. фаза, Завод за заштиту природе Републике Србије, 2022.

Кандидат је учествовао на више међународних научноистраживачких пројеката:

- DANUBE4all - Restoration of the Danube River Basin Waters for Ecosystem and People from Mountains to Coast. [HORIZON-MISS-2021-OCEAN-02-02] — [DANUBE4all], 2023- до данас.
- Obtaining data and other services in order to establish the ecological network of the European Union Natura 2000 as part of the ecological network of the Republic of Serbia (JNOP 02/ 2018), ЕУ 2020-2021.
- MEASURES (Managing and restoring aquatic EcologicAl corridors for migratory fiSh species in the danUbe RivEr baSin - DTP2-038-2.3, Interreg Programme, Danube Transnational Project), 2018-2020.
- Swimming of fish and implications for migration and aquaculture (FITFISH), COST Action (European Cooperation in Science and Technology) FA1304, ЕУ 2014-2018.
- Хармонизација метода за праћење квалитативног и квантитативног састава рибљих популација у великим рекама (680-00-140/2012-09/02), Министарство просвете, науке и технолошког развоја, Словачка Академија Наука, 2012- 2013.
- Compilation of geo-referenced distribution data of Serbian freshwater fishes - BioFresh Project, EU, 2012-2013.
- Network Lake Observations in Europe (NETLAKE) (COST Action ES1201). EU, 2012-2016.
- South East European Wind Energy Exploitation" – SEEWIND, FP6 project EU, 2008-2012.
- Sustainable use of sterlet and development of sterlet aquaculture in Serbia and Hungary, ИПА пројекат, Европска Агенција за Реконструкцију, 2007-2008.

Др Стефан Скорић је био руководилац пројекта билатералне сарадње Републике Србије и Републике Словачке под називом „Упоредна екологија одабраних инвазивних врста риба у Словачкој и Србији условљена климатским променама и људским активностима“ (Comparative ecology of selected invasive fish species in Slovakia and Serbia in respect with climat change and human disturbance), евидентциони број пројеката 337-00-107/2019-09/04 финансираним од стране Министарства науке, просвете и

технолошког развоја Републике Србије и Министарства продвете, науке, истраживања и спорта републике Словачке .

У оквиру пројекта ОИ 173045 (2010-2019) у области природно-математичких наука (биологија), којим је руководила др Миријана Ленхардт, кандидат Стефан Скорић руководио је пројектним задатком везаним за инвазивне (алохтоне) врсте риба у отвореним водама Србије.

Кандидат је учествовао у већем броју апликативних пројеката сарадње с привредом:

- Програм управљања рибарским подручјем Парк природе „Шарган – Мокра Гора“ за период 2014 – 2020 (2014). Парк природе Мокра Гора д.о.о. Мокра Гора.
- Извештај о стању рибљег фонда у Парку природе „Шарган – Мокра Гора“ за 2016. годину. (2016), Парк природе Мокра Гора д.о.о. Мокра Гора.
- Извештај о стању рибљег фонда у Националном парку „Тара“ за 2016. годину. (2016), Јавна установа Национални парк Тара.
- Извештај о стању рибљег фонда у Пределу изузетних одлика „Клисуре реке Градац“ за 2016. годину. (2016), Еколошко друштво Градац Ваљево.
- Извештај о стању рибљег фонда у Специјалном резервату природе „Увац“ за 2016. годину. (2016), Резерват Увац д.о.о. Нова Варош.
- Програм управљања рибарским подручјем „Велика Морава II“ за период 2019 – 2028 (2018) Rivers Protect d.o.o. Параћин.
- Програм Управљања рибарским подручјем Предео изузетних одлика „Клисуре реке Градац“ за период 2019 - 2028 година. (2018), Еколошко друштво Градац Ваљево.
- Извештај о стању рибљег фонда у Националном парку „Тара“ за 2018. годину. (2018), Јавна установа Национални парк Тара.
- Извештај о стању рибљег фонда у Специјалном резервату природе „Увац“ за 2019. годину. (2019). Резерват Увац д.о.о. Нова Варош.

Такође, кандидат је руководио већим бројем апликативних пројеката сарадње с привредом:

- Програм управљања рибарским подручјем Предео изузетних одлика „Овчарско-кабларска клисуре“ за период 2012 – 2021 (2012). Јавна установа „Туристичка организација Чачка.
- Извештај о стању рибљег фонда у Пределу изузетних одлика „Овчарско-кабларска клисуре“ за 2017. годину. (2017). Јавна установа „Туристичка организација Чачка.
- Извештај о стању рибљег фонда у Пределу изузетних одлика „Овчарско-кабларска клисуре“ за 2020. годину. (2020). Јавна установа „Туристичка организација Чачка.
- Извештај о стању рибљег фонда на рибарском подручју „Велика Морава II“ за 2020. годину. (2020). Rivers Protect d.o.o. Параћин.
- Извештај о стању рибљег фонда у Националном парку „Тара“ за 2021. годину. (2021). Јавна установа Национални парк Тара.
- Мониторинг флоре и фауне за потребе пројекта ветроелектране „Црни Као и Рујиште“ на територији општине Ражањ. (2022). WPP Black Mud d.o.o. Београд.
- Програм управљања рибарским подручјем Националном парку „Тара“ за период 2023 – 2032 године (2022). Јавна установа Национални парк Тара.
- Мониторинг биодиверзитета током изградње аутопута Појате – Прељина (Моравски коридор) (2022-). Bechtel Enka UK Ogranak Beograd.
- Привремени програм управљања рибарским подручјем Предео изузетних одлика „Овчарско-кабларска клисуре“ за 2023. годину (2023). Јавна установа „Туристичка организација Чачка.
- Програм управљања рибарским подручјем Предео изузетних одлика „Овчарско-кабларска клисуре“ за период 2024 – 2033 (2023). Јавна установа „Туристичка организација Чачка.
- Извештај о стању рибљег фонда у Специјалном резервату природе „Увац“ за 2022. годину. (2022). Резерват Увац д.о.о. Нова Варош.
- Извештај о претходном мониторингу (праћењу) флоре, типова станишта, птица и слепих мишева на подручју планираног ДВ 110kV далековода ХЕ Ђердап 2 – ПРП ВЕ Никине Воде. (2023). Електромрежа Србије АД, Београд.
- Привремени програм управљања рибарским подручјем Специјали резерват природе „Увац“ за 2024. годину. (2023). Резерват Увац д.о.о. Нова Варош.

Међународна научна сарадња

Др Стефан Скорић је током своје истраживачке каријере допринео успостављању сарадње матичне институције са истраживачима из Словачке радећи на пројектима „Хармонизација метода за праћење квалитативног и квантитативног састава рибљих популација у великим рекама“, и „Comparative ecology of selected invasive fish species in Slovakia and Serbia in respect with climat change and human disturbance“, чији је био и руководилац. Такође, учешћем на пројекту „BioFresh Project - Compilation of geo-referenced distribution data of Serbian freshwater fishes“, кандидат је допринео сарадњи са стручњацима из Немачке у развоју методе геореференцирања слатководних врста риба у Србији. Као учесник на ИПА пројекту под називом „Sustainable use of sterlet and development of sterlet aquaculture in Serbia and Hungary“ допринео је изучавању развоја аквакултуре у Србији на основу сарадње са Мађарским стручњацима о чему сведоче публикације из те области.

Заједничке публикације у међународним научним часописима и на међународним научним скуповима говоре о значајном доприносу др Стефана Скорића на успостављању заједничких истраживања научника из Немачке, Аустрије, Финске, Бугарске, Грчке, Хрватске и Србије на пољу истраживања угрожених врста птица грабљивица – орла белорепана и белоглавог супа.

Ангажованост у образовању и формирању научних кадрова

Др Стефан Скорић је учествовао у реализацији три одбрањене докторске дисертације у својству ментора 2019, 2020. и 2022. године, као и члан комисије у једној одбрањеној докторској дисертацији 2018. године (докази дати у прилогу):

- Димитрије Радишић (2018). Процена ефективности заштићених подручја и ИБА мреже за одабране врсте птица у Србији. Универзитет у Новом Саду Природно-математички факултет, Департман за биологију и екологију – члан комисије;
- Марко Раковић (2019). Утицај ледених доба на филогеографске обрасце шумских птица: *Phylloscopus collobita*, *Prunella modularis* i *Certhia familiaris*. Универзитет у Београду, Биолошки факултет – ментор;

- Душан Николић (2020). Екотоксикологија и хистопатологија грече (*Perca fluviatilis*) из вештачких језера у Србији. Универзитет у Београду, Биолошки факултет – ментор;
- Ирина Хрибшек (2022). Еколошка студија белоглавог супа (*Gyps fulvus*) у Србији: популациона динамика и утицај активних мера заштите. Универзитет у Београду, Биолошки факултет – ментор;

Др Стефан Скорић учествовао је и у реализацији четири одбрањена мастер рада, у једном као ментор и у три као члан комисије (докази дати у прилогу):

- Душан Николић (2015). Сезонска варијабилност бројности и диверзитета риба реке Дунав код Београда (1168 – 1170 ркм). Универзитет у Београду, Биолошки факултет – ментор;
- Ержебет Фреј (2015). Дужинско – тежински односи и фактор кондиције код деверике, *Abramis brama* (Linnaeus, 1758), у Дунаву код Београда (1168 – 1170 ркм). Универзитет у Београду, Биолошки факултет – члан комисије;
- Марко Ристић (2016). Анализа преференције зимске исхране птица певачица у урбаној зони Београда. Универзитет у Београду, Биолошки факултет – члан комисије;
- Стефан Исаковић (2016). Исхрана видре (*Lutra lutra*) на подручју клисуре реке Градац. Универзитет у Београду, Биолошки факултет – члан комисије;

Рецензије научних радова у међународним часописима

Др Стефан Скорић био је рецензент у часописима: Ecotoxicology and Environmental Safety, Environmental Monitoring and Assessment, European Journal of Wildlife Research, Archives of Biological Sciences.

Чланства у научним друштвима

Кандидат је члан Српског биолошког друштва и Српског друштва за заштиту вода. Био је члан Научног већа Института за мултидисциплинарна истраживања Универзитета у Београду у периоду од 2017. до 2019. године.

6 КВАЛИТЕТ НАУЧНИХ РАДОВА

Цитираност

Публикације др Стефана Скорина цитиране су 849 пута (без аутоцитата), укупан *h*-index је 15 (извор *SCOPUS* база).

Списак радова са цитатима (извор *SCOPUS* база):

1. Visnjic-Jeftic, Z., Jaric, I., Jovanovic, Lj., Skoric, S., Smederevac-Lalic, M., Nikcevic, M. and Lenhardt, M. (2010). Heavy metal and trace element accumulation in muscle, liver and gills of the Pontic shad (*Alosa immaculata* Bennet 1835) from the Danube River (Serbia). *Microchemical Journal* 95 (2), 341-344.

Цитирају:

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Combining metal and sulfate isotopes measurements to identify different anthropogenic impacts on dissolved heavy metals levels in river water (2023) *Chemosphere*, 310, art. no. 136747, .

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7 КВАНТИТАТИВНИ ПОКАЗАТЕЉИ УСПЕХА У НАУЧНОМ РАДУ

Квантитативни показатељи резултата научног рада др Стефана Скорића приказани су у табелама које следе:

Табела 1. Укупне вредности M коефицијента кандидата према категоријама прописаним у Правилнику за област природно-математичких и медицинских наука од момента покретања звања виши научни сарадник (реизбор у звање виши научни сарадник).

Врста резултата	Категорија	Број радова	Вредност	Укупно	Укупно нормирано*
Монографска студија/поглавље у књизи М11 или рад у тематском зборнику водећег међународног значаја	M ₁₃	1	7	7	4,375
Рад у међународном часопису изузетних вредности	M _{21a}	2	10	20	20
Рад у врхунском међународном часопису	M ₂₁	6	8	48	37,666
Рад у истакнутом међународном часопису	M ₂₂	6	5	30	30
Рад у часопису међународног значаја	M ₂₃	5	3	15	15
Саопштење са међународног скупа штампано у целини	M ₃₃	7	1	7	6,357
Саопштење са међународног скупа штампано у изводу	M ₃₄	11	0,5	6	5,417
Лексикографска јединица у научној публикацији водећег националног значаја, карта у научној публикацији националног значаја, критичко издање грађе у научној публикацији	M ₄₆	1	1	1	1

Рад у научном часопису	M ₅₃	1	1	1	1
Саопштење са скупа националног значаја штампано у целини	M ₆₃	11	1	11	11
Саопштење са скупа националног значаја штампано у изводу	M ₆₄	8	0,2	1,6	1,567
Укупно све категорије:				147,6	133,382
Минимални квантитативни захтеви за стицање звања виши научни сарадник за природно-математичке и медицинске науке		Неопходно	Остварено	Остварено нормирано	
Научни саветник	Укупно	70	147,6	133,382	
Обавезни (1)	M10+M20+M31+M32+M33 +M41+M42+M90	50	127	113,398	
Обавезни (2)	M11+M12+M21+M22+M23	35	120	102,666	

Табела 2. Укупне и просечне вредности фактора утицајности (ИФ)

Период	Укупан збир	Просечан по раду
Пре избора у звање виши научни сарадник	51,028	1,701
После избора у звање виши научни сарадник	67,52	3,554
За цео период	118,548	2,628

8 ЗАКЉУЧАК И ПРЕДЛОГ

Од избора у звање виши научни сарадник, др Стефан Скорић публиковао је 20 радова у међународним часописима (1xM13; 2xM21a, 6xM21, 6xM22; 5xM23), 1 рад у

националном часопису (M53), једно поглавље у научној публикацији водећег националног значаја (M46) и 37 саопштења (7xM33, 11xM34, 11xM63, 8xM64).

Укупан збир импакт фактора који је кандидат до сада остварио веома је респектабилан и износи 118,5 (67,5 након стицања звања виши научни сарадник), док просечан импакт фактор по раду износи 2,6, односно 3,6 од избора у звање виши научни сарадник. Радови на којима је кандидат био аутор или коаутор до сада су цитирани 849 пута (без аутоцитата), a *h*-index има вредност 15 (извор *SCOPUS* база). У периоду од избора у звање виши научни сарадник кандидат је остварио успешну међународну сарадњу, значајну ангажованост у развоју младих кадрова као и сарадњу са привредом.

Увидом у досадашњи рад и свеобухватном анализом научног доприноса др **Стефана Скорића**, вишег научног сарадника Института за мултидисциплинарна истраживања, према критеријумима који су прописани Законом о науци и истраживањима („Службени гласник“, број 49/19) и Правилником о стицању истраживачких и научних звања („Службени гласник“, број 159/2020), потврђена је оправданост предлога његовог избора у звање научни саветник.

Комисија сматра да, на основу критеријума које је прописало Министарство за просвету, науку и технолошки развој Републике Србије, др **Стефан Скорић** испуњава све услове за избор у звање **научни саветник**, те предлаже Научном већу Института за мултидисциплинарна истраживања да прихвати овај извештај.

У Београду, 14.12.2023.

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