



Univerzitet Crne Gore
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Datum: 19.11.2019

UNIVERZITET CRNE GORE

-Senatu-

-Centru za doktorske studije-

U prilogu akta dostavljamo Predlog Odluke Vijeća Prirodno-matematičkog fakulteta sa XXXIX sjednice održane 13.11.2019. godine o imenovanju komisije za ocjenu podobnosti doktorske teze kandidata mr Andreja Vizija, na dalje postupanje.



DEKAN

Prof. dr Predrag Miranović

Tom



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Broj: 3498

Datum: 18. 11. 2019

Na osnovu člana 64 Statuta Univerziteta Crne Gore i člana 34 Pravila doktorskih studija, Vijeće Fakulteta na XXXIX sjednici održanoj 13.11.2019.godine, donijelo je

ODLUKU

Predlažemo Centru za doktorske studije i Senatu Univerziteta Crne Gore da imenuje Komisiju za ocjenu podobnosti doktorske teze i kandidata sa nazivom "**Dinamika populacije kudravog pelikana**" kandidata mr Andreja Vizija u sastavu:

1. Dr Drago Marić, redovni profesor Prirodno-matematičkog fakulteta Univerziteta Crne Gore, mentor (naučna oblast: Ekologija, Hidrobiologija), mentor
2. Dr Jelena Rakočević, redovni profesor Prirodno-matematičkog fakulteta Univerziteta Crne Gore, (naučna oblast: Hidrobiologija) i
3. Dr Vladimir Pešić, redovni profesor Prirodno-matematičkog fakulteta Univerziteta Crne Gore, (naučna oblast: Ekologija).

Obrazloženje

Andrej Vizi podnio je Vijeću Prirodno-matematičkog fakulteta Prijavu doktorske teze pod nazivom "**Dinamika populacije kudravog pelikana**". Vijeće Prirodno-matematičkog fakulteta je shodno članu 34 Pravila doktorskih studija utvrdilo Predlog Odluke za imenovanje komisije za ocjenu podobnosti doktorske teze i kandidata.

Dostavljeno:

- Senatu
- Centru za doktorske studije
- dosije



Dekan

Prof. dr Predrag Miranović



PRIJAVA TEME DOKTORSKE DISERTACIJE

OPŠTI PODACI O DOKTORANDU	
Titula, ime i prezime	mr Andrej Vizi
Fakultet	Prirodno – matematički fakultet
Studijski program	Biologija
Broj indeksa	4/2009
Ime i prezime roditelja	Ondrej Vizi
Datum i mjesto rođenja	01.02.1980., Titograd
Adresa prebivališta	Arhonta Petra bb, Podgorica
Telefon	020 260 088, 069 239 959
E-mail	avizi@t-com.me
BIOGRAFIJA I BIBLIOGRAFIJA	
Obrazovanje	Magistar biodiverziteta, Univerzitet Crne Gore, Prirodno – matematički fakultet, odsjek za biologiju 07.04.2009. Diplomirani biolog, Univerzitet Crne Gore, Prirodno – matematički fakultet, odsjek za biologiju, 05.09.2005. Srednja ocjena: 8,58
Radno iskustvo	2017-2019: Ornitolog; Fieldwork inventory of Natura 2000 indicator species in Montenegro, AAM Management Information Consulting Ltd, Capital Square Irodaház, Váci út 76., 1133 Budapest, Hungary 2015-2018: Ornitolog, projektni koordinator; Study of potential impact of new powerlines on birds in Montenegro, CGES, Podgorica, Montenegro 2015: Ornitolog; Ornithological assessment and zonation proposal of Prokletije and Skadar Lake National Parks 2012-2019: Nacionalni koordinator za IWC; Koordinacija i učešće u monitoringu zimskih populacija ptica u Crnoj Gori. Prirodnjački muzej Crne Gore 2006-2019: Ornitolog; Monitoring kolonijalnih ptica Skadarskog jezera, Prirodnjački muzej Crne Gore, Trg Bećir-bega Osmanagića 16, Montenegro 2013-2019: Ornitolog; Monitoring of pelicans at Skadar Lake, database maintenance on the project "Conservation of pelican, a

	<p>key biodiversity species of Skadar Lake”, Noe Conservation, Rue Clisson 47, 75013 Paris</p> <p>2012-2013: Ornitolog; Monitoring of cormorants’ colonies and roosts in Montenegro, CorMan project, Aarhus University Ny Munkegade 116, DK-8000 Aarhus</p> <p>2011-2012: Ornitolog, projektni koordinator; Study of potential impacts of wind farms on the bird fauna at Krnovo plateau, Montenegro, IVICOM Holding GmbH, Wiedner Hauptstrasse 76/2/1; 1040 Vienna, Austria</p> <p>2012: Ornitolog; Monitoring biodiverziteta Crne Gore, nacionalni projekat, Prirodnjački muzej Crne Gore, Trg Bećir-bega Osmanagića 16, Montenegro</p> <p>2015: Ornitolog; Study of Krnovo power line construction impact on breeding birds, IVICOM Holding GmbH, Wiedner Hauptstrasse 76/2/1; 1040 Vienna, Austria</p> <p>2012: Ornitolog; Razvoj nacionalne šeme prstenovanja ptica, pilot projekat stanice na Skadarskom jezeru, Prirodnjački muzej Crne Gore, Trg Bećir-bega Osmanagića 16, Montenegro</p> <p>2012-2015: Projektni koordinator; Museumcultour project, IPA Adriatic Cross-border coordination and communication, Natural History Museum of Montenegro, Trg Becir-bega Osmanagica 16, Montenegro</p> <p>2009-2010: Ornitolog; Bilateralni projekat „Razvoj alata za monitoring vodenih ptica u cilju uspostavljanja održive upotrebe velikih prirodnih područja od izuzetnog značaja za zaštitu“, Nacionalni Institut za biologiju (SLO), Prirodnjački muzej Crne Gore (MNE)</p> <p>2004-2005: Saradnik na projektu; „Dan Evrope“, Evropski pokret u Crnoj Gori, Podgorica</p>
<p>Popis radova</p>	<p>Naučna i stručna bibliografija:</p> <p>Vizi, O. & Vizi, A. (2007): Affirmed discovery of Cattle Egret (<i>Bubulcus ibis</i> (L.1758)) on Skadar Lake (Montenegro). <i>Natura Montenegrina</i>, 5: 171.</p> <p>Saveljić, D., Vizi, A., Dubak, N., Jovičević, M. (2007): Područja od međunarodnog značaja za boravak ptica u Crnoj Gori, Center for protection and tresearch of birds, handbook.</p> <p>Vizi, O., Saveljić, D., Vizi, A. (2007): Water-birds watching for prevention of avian influenza 2006/2007. Final report, 106p., Podgorica</p> <p>Vizi, A. (2009): The Influence of birds form order Pelecaniformes during the breeding season on the fish fauna of Skadar Lake. 85 p. Master thesis, University of Montenegro, Podgorica</p> <p>Vizi, A. & Vizi, O. (2010) Changes in the diet composition of Pygmy cormorant <i>Phalacrocorax pygmeus</i> on Skadar Lake (Southern Montenegro). <i>Acrocephalus</i> 31 (144): 21-26.</p> <p>Vizi, A. (2012): Fieldfare (<i>Turdus pilaris</i>) – a new breeder in Montenegro? <i>Natura Montenegrina</i> 2012, 11 (3): 581-583</p> <p>Vizi, A. & Vizi, O. (2012): Rezultati istraživanja ornitofaune na lokalitetu „Krnovo“ sa aspekta moguće izgradnje farme</p>

	Romania and Belgrade, Serbia Popularna bibliografija: Vizi, A. (2016): Skadar lake – A Sustainable Development Challenge, blog, “Ornithology and Research Andrej Vizi”, Zen Recreations Vizi, A. (2016): Joining Forces to Save the Last Breeding Colony of Dalmatian Pelicans in Montenegro, blog, “Ornithology and Research Andrej Vizi”, Zen Recreations Vizi, A. (2016): Dalmatian pelicans at Skadar Lake between blossom and decay, blog, “Ornithology and Research Andrej Vizi”, Zen Recreations Vizi, A. (2016): Curious nature conservation at Skadar Lake– otters vs. pelicans! Blog, “Ornithology and Research Andrej Vizi”, Zen Recreations
NASLOV PREDLOŽENE TEME	
Na službenom jeziku	Dinamika populacije kudravog pelikana (<i>Pelecanus crispus</i> Bruch, 1832) na Skadarskom jezeru u funkciji lokalnih i regionalnih ekoloških faktora
Na engleskom jeziku	Dalmatian pelican (<i>Pelecanus crispus</i> Bruch, 1832) population dynamics on Skadar Lake in the function of local and regional ecological factors
Obrazloženje teme	
<p>1. Obrazloženje naziva teme</p> <p>Kolonija kudravog pelikana (<i>Pelecanus crispus</i> Bruch, 1832) na Skadarskom jezeru je jedno od najstarijih zabilježenih gnjezdilišta ove vrste na svijetu, opisana još krajem 19. vijeka. Kudravi pelikan je izrazito filopatrična i stenovalentna akvatična ptica, čija kolonija bilježi najduži kontinuitet upravo na Skadarskom jezeru. Tokom perioda od 120 godina, zabilježene su intenzivne promjene u brojnosti populacije, od istorijskog maksimuma od 50 parova, pa do potpunog prestanka gniježdenja tokom 1990-tih godina. Od početka 2000-tih, dolazi do njihovog djelimičnog oporavka. Do 2013. godine su istraživanja biologije pelikana uglavnom obavljana intermitentno zbog nestalne lokacije kolonije i čestih prekida reproduktivne sezone. Nakon izgradnje vještačkih platformi, od 2014. do danas je prisutan pozitivan trend rasta populacije. Smatramo da do sada zabilježene fluktuacije u brojnosti populacije nijesu posljedica samo lokalnih faktora, već i odraz dinamike populacije na širem prostoru Crne Gore, Albanije i Grčke, koji predstavlja posebnu meta-populaciju u okviru areala vrste. Dinamika populacije na Skadarskom jezeru je stoga u funkciji adaptivne vrijednosti vrste na nivou meta-populacije, ali je takođe uslovljena i lokalnim resursima.</p> <p>2. Predmet istraživanja:</p> <p>Predmet istraživanja u širem smislu je reproduktivna dinamika kudravog pelikana na Skadarskom jezeru u kontekstu ekoloških i antropogenih faktora. Konkretni predmet istraživanja su pokazatelji razvoja populacije: ukupan broj jedinki, broj gnijezdećih parova, broj gnijezda i broj uspješno odgajenih mladunaca. Značajni pokazatelji su i intenzitet antropogenih faktora, odnos adulta i nezrelih jedinki, fekunditet i mortalitet, prostorna distribucija na jezeru u toku godine, vrsta i porijeklo supstrata, vodostaj, temperatura vode i vazduha, prisustvo oportunističkih komensala i predatora, diurnalna dinamika, antropogeni pritisci, ishrana. Na regionalnom nivou, odnosno arealu zapadne meta-populacije, predmet istraživanja su literaturni izvori i post-nidifikaciona</p>	

disperzija mladih jedinki u kontekstu preživljavanja i filopatrije u okviru aktuelnog projekta.

3. Aktuelnost teme:

Redovnim monitoringom koji je kandidat obavljao u periodu 2012-2018, utvrđen je značajan rast populacije pelikana na Skadarskom jezeru. Aktuelna brojnost populacije na Skadarskom jezeru, kako u pogledu individua, tako i u pogledu uspješno odgajenih mladunaca, u 2017. godini je premašila istorijski poznati maksimum od 50 parova.

Zbog toga su aktualizovani: 1) problem kapaciteta Skadarskog jezera u pogledu ekoloških resursa za ovu vrstu, 2) prirodna održivost kolonije nasuprot vještačkoj održivosti, 3) pitanje uzroka rasta populacije, 4) pitanje interspecijskih efekata i ekološke ravnoteže na Skadarskom jezeru, uključujući i antropogeni faktor.

Pregled istraživanja

Kudravi pelikan (*Pelecanus crispus*) je vrsta prvi put opisana u Dalmaciji bez detaljnijeg opisa lokacije porijekla holotipa (Bruch 1832). Prema raspoloživim podacima (Stumberger, 2006), vrsta je opisana na osnovu serije primjeraka iz nekoliko prirodnačkih zbirki, pri čemu nije isključeno da pojedini primjerci vode porijeklo i sa Skadarskog jezera. Međutim, vjerovatnija je teza da navedeni primjerci potiču iz delte Neretva, gdje je kudravi pelikan bio prisutan tokom 19. vijeka. Danas je Skadarsko jezero granična tačka zapadnog reproduktivnog areala. Prve opise kolonije na Skadarskom jezeru nalazimo u radovima sa kraja 19. vijeka (Brusina, Fuehrer, Reiser), koji identifikuju kudravog pelikana i navode brojnost od 50-300 parova ((Brusina, 1891), (Reiser, Othmar & Fuhrer, 1896)). Takođe, u literaturi se navodi i postojanje kolonije pelikana na Zogajskom blatu kod Ulcinja (Reiser, Othmar & Fuhrer, 1896), koje je tokom 1950-tih godina pretvoreno u solanu. Prisustvo pelikana na Skadarskom jezeru potvrđuje više putopisaca tokom 19. vijeka (Vizi, O, 1980). Međutim, značajniji uvid u biologiju ove vrst na Skadarskom jezeru stičemo tek krajem 20. vijeka, kada su obavljena moderna istraživanja biologije pelikana (Vizi, O. 1977, 1981, 1984, 1987, 1991). Utvrđeno je da parametri populacije kudravog pelikana na Skadarskom jezeru znatno fluktuiraju, kao i broj i lokacije kolonija. Takođe, isti autor je istraživao i ishranu pelikana i uticaj na ihtiofaunu jezera. Utvrđeno je da je opstanak populacije neizvjestan zbog prirodnih i antropoloških pritisaka, i potvrđen je globalni status kudravog pelikana kao ugrožene vrste (Crivelli & Vizi, 1981). Tokom posljednje decenije 20-tog vijeka a, brojnost pelikana je drastično opala, i na osnovu neredovnih istraživanja nije bilo dokaza o postojanju gnijezda. Ovaj period se vezuje za pojačano uznemiravanje u graničnoj zoni prema Albaniji kao posljedice nelegalne trgovine i krijumčarenja. Nakon 2000-te godine, u saradnji Prirodnačkog muzeja i NP Skadarsko jezero obnovljena su istraživanja, kada su utvrđeni novi pokušaji gniježđenja na prirodnim ostrvcima. Oporavak reproduktivne populacije se nastavio tokom prve decenije novog milenijuma, sa čestim gubicima usljed poplava i uznemiravanja (Saveljić *et al* 2004, Vešović-Dubak & Vizi, O., 2004-2008). Konačno, najnoviji period istraživanja se vezuje za nagli oporavak populacije nakon sprovođenja mjera zaštite, čime je kudravi pelikan postao „menadžment- zavisna vrsta“, odnosno vrsta čiji reproduktivni uspjeh zavisi of ljudske intervencije. U ovom periodu (2014-2018) je obavljan redovan mjesečni monitoring populacije i prikupljeni su novi podaci o biologiji pelikana Skadarskom jezeru.

Cilj i hipoteze

4. Glavna hipoteza: Dinamika populacije kudravog pelikana na Skadarskom jezeru je indikator lokalnih i regionalnih ekoloških procesa

Obrazloženje: U poređenju sa drugim staništima u okviru reproduktivnog areala, na Skadarskom jezeru gnijezdi relativno mali broj jedinki. Ova činjenica ukazuje na postojanje fundamentalnih razlika u kvalitetu staništa, antropogenim pritiscima i ekološkim resursima. Ekološki resursi, tj. kapaciteti Skadarskog jezera nijesu dovoljno ispitani sa aspekta razvoja populacije kudravog

interspecijskih odnosa pelikana na Skadarskom jezeru. sakupljanje podataka o lokacijama, porijeklu i fizičkim osobinama gnjezdilišta radi utvrđivanja odnosa sa reproduktivnim uspjehom. Takođe, potrebno je utvrditi i sukcesivnost mikrolokacija u kontekstu njihove trajnosti i filopatričnosti. Naročito je važna analiza korišćenja prirodnih mikrolokacija (tresetna ostrva) u odnosu na vještačke platforme za gniježđenje.

Cilj istraživanja je utvrđivanje dinamike populacije kudravog pelikana na Skadarskom jezeru u kontekstu resursa i kapaciteta jezera u odnosu na njihovu potencijalnu populaciju.

Materijali, metode i plan istraživanja

Materijali i oprema:

Transport: Plastični motorni čamac plitkog gaza, dužine 6m. Jedini adekvatan način za istraživanje pelikana na njihovom reproduktivnom biotopu (litoral sjeverne obale) je pomoću plovila. Konfiguracija terena, vegetacija i udaljenost pogodnih kota onemogućava osmatranje sa obale.

Osmatranje i fotografisanje: Dvogledi uvećanja 10-15x, teleskop uvećanja 70-90x, digitalni SLR aparat sa teleobjektivom 400-800mm. Optička oprema je neophodna za razlikovanje detalja uzrasta, kao i za očitavanje markacija i prstenova. Dokumentarna fotografija je dodatni izvor informacija za kabinetski rad.

Mjerni instrumenti: Ručni GPS sa kartografijom rezolucije 5m, digitalni termometar za mjerenje temperature vode i vazduha, ručni anemometar za mjerenje pravca i intenziteta vjetera.

Ostalo: Terenska bilježnica/protokol, vrećice za uzorkovanje, mapa, baterije, sitni pribor, PC, softver za mapiranje i obradu podataka, itd.

Metode:

Istraživanje obuhvata terenski i kabinetski rad na prikupljanju i analizi podataka. Kabinetski rad podrazumijeva istraživanje literature, unos i obradu podataka sa terena, analizu i izradu materijala. Terenski rad podrazumijeva prikupljanje podataka sa terena se prema utvrđenom protokolu, odnosno planu istraživanja. Podaci o broju, životnoj fazi, eventualnim markacijama i ponašanju pelikana se dobijaju vizuelnim osmatranjem pomoću dvogleda i teleskopa. Lokacije relevantnih nalaza se mjere pomoću ručnog GPS-a. Meteorološki i hidrološki podaci i vodostaj se mjere odgovarajućim termometrima i anemometrom, kao i pomoću baždarene mjerne letve. Uzorci ishrane, pera, jaja, ostataka životne aktivnosti drugih vrsta se sakupljaju ručno i čuvaju u odgovarajućim uslovima (4% formalin, papirne vrećice, tegle i sl.). Osim toga, za praćenje diurnalne dinamike i ponašanja je korišćena web kamera montirana na koloniji.

Plan istraživanja:

Plan istraživanja definiše standardni protokol monitoringa populacije pelikana na Skadarskom jezeru sa površine vode. Aktivnosti tokom monitoringa su usaglašene sa zaključcima Međunarodnog programa za zaštitu pelikana (Crivelli, 1996) i Akcionim planom za zaštitu pelikana u CG sa ciljem da se utvrdi ukupna populacija kudravog pelikana, veličina gnjezdilišne populacije i reproduktivni uspjeh. Područje istraživanja je definisano na osnovu postojećih znanja o ekologiji kudravog pelikana na Skadarskom jezeru (Vizi, O., 1974, 1981, 1992...) i obuhvata sjeverni dio tzv. Veljeg blata, koji uključuje litoral sa akvatičnom vegetacijom i zonu otvorene vode do granice vidljivosti. Podijeljeno je na tri profila (istraživačke jedinice) radi efikasnije orijentacije i upisivanja podataka. Prva jedinica obuhvata pojas od ušća Morače na zapadu do kanala Jendek na istoku; druga jedinica obuhvata područje rezervata Crni žar na jugu

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UNIVERZITET CRNE GORE
Obrazac PD: Prijava teme doktorske disertacije

SAGLASNOST PREDLOŽENOG/IH MENTORA I DOKTORANDA SA PRIJAVOM

Odgovorno potvrđujem da sam saglasan sa temom koja se prijavljuje.

Prvi mentor	Prof. Dr. Drago Marić	
Drugi mentor	-	-
Doktorand	Andrej Vizi. MSc.	

IZJAVA

Odgovorno izjavljujem da doktorsku disertaciju sa istom temom nisam prijavio/la ni na jednom drugom fakultetu.

U Podgorici,
25.10.2019.

Ime i prezime doktoranda

1128
24 MAY 2019

Na osnovu člana 32 stav 1 tačka 14 Statuta Univerziteta Crne Gore, u vezi sa članom 29 Pravila doktorskih studija, Senat Univerziteta Crne Gore, u postupku razmatranja prijedloga Vijeća Prirodno-matematičkog fakulteta i na prijedlog Centra za doktorske studije, na sjednici održanoj 17.05.2019. godine, donio je sljedeću

ODLUKU

I

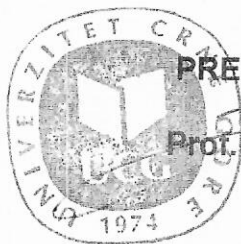
Dr Drago Marić, redovni profesor Prirodno-matematičkog fakulteta Univerziteta Crne Gore **imenuje se za mentora** pri izradi doktorske disertacije **kandidata mr Andreja Vizija**.

II

Odluka stupa na snagu danom donošenja.

Broj: 03-1052/2

Podgorica, 17.05.2019. godine



~~PREDSJEDNIK SENATA~~

Prof. dr Danilo Nikolić, rektor

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Date:


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29.04.2010

Na osnovu člana 75 stav 2 Zakona o visokom obrazovanju (Sl.list RCG br. 60/03) i člana 18 Statuta Univerziteta Crne Gore, Senat Univerziteta Crne Gore, na sjednici održanoj 29.04.2010. godine, donio je

ODLUKU O IZBORU U ZVANJE

Dr DRAGO MARIĆ bira se u akademsko zvanje redovni profesor Univerziteta Crne Gore za predmete: Evolucija, Biogeografija i Metode u ekološkim istraživanjima na Prirodno-matematičkom fakultetu.

REKTOR


Prof.dr Predrag Miranović

CURRICULUM VITAE

Of Full Professor Dr Drago S. Marić

DATE AND PLACE OF BIRTH

October 10th, 1954 in Bosansko Grahovo (Bosna and Hercegovina).

ADDRESS

Faculty of Sciences, G. Washington Street, PoBox 5455. Tel./Fax: ++ 381/81/243-816;
E-mail: dragomrc@yahoo.com

NATIONALITY

Montenegro

EDUCATION

1. High School (Gymnasium) in Bosansko Grahovo.
2. Faculty of Sciences (Biology), Sarajevo, 1973.
3. Postgraduate studies and Master Degree, Faculty of Sciences, Novi Sad, 1994.
4. Doctor Scientiae, Faculty of Sciences Kragujevac, 1998.

OFFICIAL INTERNATIONAL SCIENTIFIC MISSIONS

USA

- Auburn University, Faculty of Agriculture -1986

France

- Universite des Sciences et Techniques du Languedoc, Montpellier –2003.
- Universite de Provanse, Laboratoire de hydrobiologie. Marseille-2001, 2002, 2003.

Germany

- Bundesforschungsanstalt fur fischerei (BFA), Hamburg, 1982, 1983, 1985.
- University of Heidelberg, Department of Zoology, 2002

Greece

- University of Thessaloniki, Greece – 2000
- University of Ioannina, Department Messolonghi, 2008

KNOWLEDGE OF LANGUAGES

1. English (speak, read,)
2. Russian (read, speak and write slightly)

EMPLOYEMENT RECORD

1978.- assistant at the Institute of Medical and Biological Research (IBMI), Podgorica, Montenegro

1984.- senior assistant at IBMI, Podgorica, Montenegro

1993.- senior assistant at the University of Montenegro, Podgorica, (Faculty of Sciences).

1998.- Assistant Professor at the University of Montenegro, Podgorica, (Faculty of Sciences).

1998 - 2003. - Head, Department of Biology, Faculty of Sciences, Podgorica, Montenegro

2004. Associated Professor at the University of Montenegro, Podgorica, (Faculty of Sciences).

2010. Full Professor at the University of Montenegro, Podgorica, (Faculty of Sciences).

ENGAGEMENTS IN THE SCIENTIFIC PROJECTS

In the last 10 years, engaged as follows.

1. as assistant - 2 projects (2 international - cooperation with Germany).

2. as assistant - 1 projects (international - cooperation with France).

3. as assistant - 2 projects (international - cooperation with Greece)

The main topics of projects: fish biology and ecology, Aquaculture, living resources and its protection.

MEMBERSHIPS IN THE SCIENTIFIC ASSOCIATIONS

International:

1. European Ichthyological Union (EIU)

2.

OTHER ACTIVITIES

Committee for Flora and Fauna (Montenegrin Academy of Sciences)

Committee for Encyclopedia Montenegrina (Montenegrin Academy of Sciences)

National Committee for Biological safety, Federal Government

PUBLICATIONS -major publications

Doctoral thesis

Adaptacija introdukovanog srebrnog karaša (*Carassius auratus gibelio* Bloch, 1783.) u Skadarskom jezeru [**Adaptation of Introduced German Carp (*Carassius auratus gibelio* Bloch, 1783) in Skadar Lake**]. Doktorska disertacija, pp 268. Kragujevac, 1998.

Papers

MARIĆ, D. 1989. The species revision of genus *Rutilus* Rafinesque, 1820 (Pisces) from western part of Balkan peninsula. *Glasnik Republičkog zavoda za zaštitu prirode*, 21: 55 - 79.

KRIVOKAPIĆ, M. and MARIĆ, D. 1993. Fishes of the Tara River. *Ichthyologia*, 25 (1): 41-49.

MARIĆ, D. (1995). Endemic fish species of Montenegro. *Biological Conservation*, 72: 187-194.

MARIĆ, D., KRIVOKAPIĆ, M. 1997. Stanje faune riba u slivu Skadarskog jezera [**Condition of Fish Fauna in Skadar Lake Watershed**]. CANU, Zbornik radova - Prirodne vrijednosti i zaštita Skadarskog jezera, 44: 215-223.

MARIĆ, D. 2004. Distribution and abundance of introduced german carp *Carassius auratus gibelio* (Bloch) in the Lake Skadar in period 1972-1992. *Glasnik Republičkog zavoda za zaštitu prirode*. 27-28: 113-126.

MARIĆ, D. 2004. Meristic characters of introduced german carp (*Carassius auratus gibelio* Bloch, 1783) from Skadar Lake (Montenegro). *Glasnik Republičkog zavoda za zaštitu prirode*. 27-28: 151-164.

MARIĆ, D. & PAVLOVIĆ, V. 2006. First records and description of *Cobitis elongata* Heckl & Kner, 1858 (Cobitidae) in Montenegro. *Natura montenegrina*, 6: 125-134.

Talevski T, Milosevic D, Maric D, Petrovic D, Talevska M, Talevska A. 2009. Biodiversity of ichthyofauna from Lake Prespa, Lake Ohrid and Lake Skadar, *Biotechnology and Biotechnological Equipment*. Special Edition (XI anniversary scientific conference 120 years of academic education in biology, 45 years faculty of biology), 23 (2): 400-404. ISSN 1310-2818.

- Talevski T, Milosevic D, **Maric D**, Petrovic D, Talevska M, Talevska A 2009. Antropogenic Influence on Biodiversity of ichthyofauna and Macrophyte Vegetation from Lake Ohrid and Lake Skadar. *J. Int. Environmental Application & Science*, Vol. 4 (3): 317-324.
- M. Talevska, D. Petrovic, D. Milosevic, T. Talevski, **D. Maric** and A. Talevska, 2009. Biodiversity of macrophyte vegetation from Lake Prespa, Lake Ohrid and Lake Skadar, *Biotechnology & Biotechnological Equipment, Special Edition (XI anniversary scientific conference 120 years of academic education in biology, 45 years faculty of biology)*, 23 (2): 931-935 ISSN 1310-2818.
- Gilles, A., Costedoat, C., Barascud, B., Voisin, A., Banarescu, P., Bianco, P. G., Economidis, P. S., **Marić, D.** & Chappaz, R. 2010. Speciation pattern of *Telestes souffia* complex (Teleostei, Cyprinidae) in Europe using morphological and molecular markers. *Zoologica Scripta*, 39 (3): 225–242.
- Marić, S. D., Rakočević, V. J. & **Marić, S. D.** 2010. Diversity and distribution of species from the genus *Barbus* in waters of Montenegro. *Natura Montenegrina*, 9 (2): 169–182.
- Zupančić, P., **Marić, D.** Naseka, M. A & Bogutskaya, G. N. 2010. *Squalius platyceps*, a new species of fish (Actinopterygii: Cyprinidae) from the Skadar Lake basin. *Zoosystematica Rossica*, 19 (1): 154–167.
- Marić, D. & Milošević, D. 2010. First records and description of the Goldside loach *Sabanijevia balcanica* (Cobitidae) in Montenegro. *Periodicum Biologorum* 112 (2): 149–152.
- Marić, D. 2010. *Rutilus albus* sp. N. (Cyprinidae) from Skadar Lake. *Periodicum Biologorum*, 112 (2): 153–158.
- Milošević D, Winkler KA, **Marić D**, Weiss S. 2011. Genotypic (genetic) and phenotypic evaluation of *Rutilus* sp. from Skadar, Ohrid and Prespa Lakes supports revision of endemic as well as taxonomic status of several taxa. *Journal of Fish Biology* 79: 1094-1110.
- Milošević, D & **Marić, D.** 2012. Length-Weight Relationship and Conditions factor of *Cyprinus carpio* from Lake Skadar (Montenegro) during spawning period. *Agriculture & Forestry*, vol 52 (06) (1-4): 53-60.
- Milošević, D., Pešić, V., Petrović, D., Pavićević, A. and **Marić, D.** 2012. Length-Weight Relationship and Conditions factor of two sympatric *Rutilus* (Rafinesque, 1820) species from Lake Skadar (Montenegro). *Arch. Biol. Sci.*, Belgrade, 64 (3), 991-994.
- Marić, D.**, Rakočević, J. 2014: Some Life-History Traits of the Adriatic Brown Trout, *Salmo farioides* (Karaman, 1938) (Salmonidae) from the Morača River (Montenegro). *Acta zoologica bulgarica*, 66 (4): 539-546
- Rakocevic, J., Sukovic, D., **Maric, D.** 2018. Distribution and Relationships of Eleven Trace Elements in Muscle of Six Fish Species from Skadar Lake (Montenegro). *Turkish Journal of Fisheries and Aquatic Sciences*, 18: 647-657.

Books and Monographs

- Marić, D. 2009. Bibliography on fishery-ichthyological investigations in Montenegro (150 years of research) JU "Prirodnački muzej Crne Gore", posebno izdanje No 5 140 p.

Marić, D. and Milošević, D. (2011). Katalog slatkovodnih riba (Osteichthyes) Crne Gore Crnogorska akademija nauka i umjetnosti. Katalozi 5, Knjiga 4. Podgorica. pp 114.

Marić, D., Rakočević, J. 2010. Biodiversity. Montenegro in the 21st century - the era of competitiveness: Environment and Sustainable Development ed. Mihailo Burić. Montenegro Academy of Science and Art, book 73/2 pp 113-150.

University textbooks

Marić, D., Rakočević, J. Hydrobiology. University of Montenegro. 352 p.

Participated in scientific research projects (=fishery-ichthyology)

1. "Limnološka istraživanja akumulacionog jezera Piva" [„Limnology studi artifical Lake Piva”](1976-1980).
2. "Proučavanje mogućnosti razvoja ribarstva u akumulacijama Krupac i Slano i njihovom užem slivnom području" [“The study possibilities of development of fisheries in reservoirs Slano and Krupac and their narrow catchment area”](1978-1980).
3. "Izučavanje mogućnosti razvoja i unapredjenja ribolova na Skadarskom jezeru" [“Studying the possibilities of development and improvement of fishing on Lake Skadar”] (1977-1980).
4. Hematološka i parazitološka istraživanja riba Skadarskog jezera i Bokotorskog zaliva kao značajnih parametara za zaštitu životne sredine i "akvakulturu" [“Hematological and parasitological studies of fish Skadar Lake and the Bay of Kotor as important parameters for environmental protection and aquaculture ”] International Project, Medjunarodni projekat, Univerzitet u Hamburgu. (1979-1983).
5. "Hidrobiološke karakteristike rijeke Morače i njenog sliva" [“Hydrobiological characteristic of the drainage basin of Morača”] (1980-1983).
6. "Hidrobiološka, antropološka i genetička istraživanja u basenu Skadarskog jezera i problemi njegove zaštite" [“Hydrobiological, anthropological and genetic studies in the basin of Lake Skadar and the problems of its protection”] (1982-1984).
7. "Biološka proučavanja rijeka Tare s posebnim osvrtom na mogućnosti prirodnog i industrijskog zagadjenja" [“Biological studies of Tara, with special emphasis on the possibilities of natural and industrial pollution ”] (1981-1985).
8. "Biološka i ekonomska valorizacija hidroakumulacija i njihovog slivnog područja u Crnoj Gori" [“Biological and economic evaluation of hydro reservoirs and their catchment areas in Montenegro”] (1981-1985).
9. "Iskorišćavanje prirodnih potencijala Skadarskog jezera kao izvora hrane i vode za piće i problemi zagadjenja i zaštite" [“The exploitation of natural resources of Lake Skadar as a source of food and drinking water and pollution problems and protect”] (1981-1985).
10. "Biološka i hemijska proučavanja voda sliva Čehotine s posebnim osvrtom na akumulaciju "Otilovići" u uslovima regionalne industrijalizacije" [“Biological and chemical studies of water catchment Čehotine with special emphasis on the accumulation of" Otilovići "in terms of regional industrialization”](1983-1987).
11. "Mogućnosti razvoja akvakulture na Skadarskom jezeru" [„Possibilities of aquaculture development in the Skadar Lake ”](1984-1987). (Međunarodni projekat, USA-Univerzitet u Auburnu). International Project, University of Auburn).
12. "Hidrobiološka proučavanja životnih zajednica i hidrohemijska istraživanja rijeke Tare i njenih pritoka" [“Hydrobiological study of living communities and hydrochemical studies of the Tara River and its tributaries”] (1987-1990).
13. "Integralni sistem za kaveznu proizvodnju salmonidnih riba" [“Integrated cage system for breeding salmonid fish”] (1990-1994).
14. "Biološka proučavanja u slivu rijeke Morače" [“Biological studies in the basin of the river Moraca”] (1990-1994).

15. "Istraživanja prirodnih karakteristika bazena Skadarskog jezera, u cilju njegove zaštite unapredjenja i racionalnog iskorišavanja" ["**Studies on the natural characteristics of the Skadar Lake basin, in order to improvement its protection and rational utilization**"] (1991-1994).
16. Praćenje endemičnih, rijetkih i ugroženih vrsta riba u slivu Skadarskog jezera u cilju zaštite biodiverziteta i genofondova Nacionalnog parka ["**Monitoring the endemic, rare and endangered fish species in the basin of Lake Skadar to protect biodiversity and gene pool of the National Park**"] (1996-1998).
17. Integrated Monitoring of Skadar Lake/Lake Shkoder (2000-2003), **International Project**, međunarodni projekat u saradnji sa Univerzitet u Haidelbergu i Univerzitet u Skadru.
18. Connaissance de la Biodiversite Ichthyque Endemique du systeme Ohrid-Drim-Lac Skadar 2001-2003) **International Project**, saradnja sa Francuskom i Albanijom (Međunarodni projekat).
19. "EULIMNOS – Integrated Monitoring of Skadar Lake" (HRK-the project leader institution) <http://www.eulimnos.org> (2002-2004) **International Project**.
20. "Comparative study of fish parasites biodiversity from Kavala (Aegean sea), Messolonghi bay (Ionian sea) and coast of Montenegro (Adriatic Sea). (2006-2008) **International Project**, saradnja sa Grčkom, međunarodni projekat -"Uporedna istraživanja biodiverziteta parazita riba sa područja Kavale (Egejsko more), zaliva Messolonghi (Jonsko more) i crnogorskog primorja (Jadransko more)".
21. "Fauna Crne Gore- katalog slatkovodnih riba Crne Gore"["**Catalogue of freshwater fishes of Montenegro**"] (2007-2008).
22. " Istraživanja bioindikatora kontinentalnog akvatorijuma Crne Gore" ["**Studies on bio-indicators of continental aquatorium of Montenegro**"] (2007-2010).
23. Fauna Crne Gore: 'Katalog slatkovodnih riba Crne Gore [Fauna of Montenegro- "**Catalogue of freshwater fishes of Montenegro**"] (2008-2009).
24. Crna Gora u XXI stoljeću-u eri kopetitivnosti: Projekat- Životna sredina i održivi razvoj (Rukovodilac M. Burić), Biodiverzitet ["**Montenegro in the 21st century - the era of competitiveness: Environment and Sustainable Development, Biodiversity**"]. Montenegrin Academy of Science and Art (2009-2010).
25. "Fauna Crne Gore- Fauna slatkovodnih riba Crne Gore" ["**Fauna of Montenegro- Freshwater fish fauna of Montenegro**"] (2010-2011).
26. Monitoring Biodiverziteta u Crnoj Gori za 2012 . Prirodnjački muzej Crne Gore – Agencija za zaštitu životne sredine (2013) ["**Monitoring biodiversity of Montenegro for 2012.**"].

Scientific and technical expertise (fishery-ichthyology)

1. „Stanje ribljeg fonda akumulacije Krupac na koti 12” ["**State of fish stocks Krupac reservoir at elevation 612**"] (1979).
2. "Mogućnost razvoja ribarstva u vodama Nikšića ["**Possibility of Development of Fisheries in water of Nikšić**"] (HE "Peruica" - Nikšić, 1981).
3. "Ribarska osnova za vode NP "Durmitor" ["**Possibility of Development of Fisheries (Fisheries assessment) in waters of the NP "Durmitor"**] Žabljak (1982).
4. "Hemijski i biološki kvalitet voda rijeke ehotine i nekih njenih pritoka" TE "Pljevlja" ["**Chemical and biological quality of rivers Čehotina and some of its tributaries "Pljevlja"**] (1981-1982).
5. "Ribarska osnova sa analizom hemijskog i biološkog kvaliteta voda rijeke ehotine i njenih pritoka" ["**Fisheries assessment with the analysis of chemical and biological water quality of the river and its tributaries Čehotina**"] (SO Pljevlja, 1983).
6. "Program studijskih istraživanja i idejnih rješenja HE "Tara" (profil Tepca) - polazna studija, tema: "Neke biološke karakteristike životnih zajednica" ["**The program of study and research of general solutions HE "Tara" (profile Tepca) - initial studies, the topic: "Some biological characteristics of living communities "**] (1985).

7. "Studija životnih zajednica i životnih uslova sliva rijeke Morače u svjetlu izgradnje novog izvora električne energije na rijeci Morači" ["The study of living communities and living conditions of the river Moraca in the light of building a new power source on the river Moraca"] (1985).
8. "Kompleksno stanje vodotoka i obalnog područja nizvodno od brane HE "Piva" do akumulacije HE "Baina Bašta" ["A complex state of watercourses and coastal areas downstream of the dam, " Beers "the accumulation of HPP Bain Garden"] (1978-1986).
9. "Program zaštite, unapredjenja i razvoja prirodnih bogatstava i dobara NP "Skadarsko jezero". Baza studija-ichtiofauna ["Program protection, improvement and development of natural resources and potential of NP Skadar Lake. " Base Study-ichthyofauna"] (1987).

Manager and principal investigator= head and chief researcher

1. "Ribarska osnova Pivskog jezera sa pritokama" [" Possibility of Development of Fisheries (Fisheries basis, fisheries assessment) of Piva Lake and its tributaries"] (1995).
2. "Ribarska osnova sliva rijeke Tare i jezera NP "Durmitor" [" Possibility of Development of Fisheries (Fisheries assessment) in River Tara Watershed and Lakes of NP "Durmitor"] (1996).
3. "Mogućnost razvoja ribarstva u vodama Nikšića (jezera Krupac, Slano, Liverovići i rijeka zeta)" [„Possibility of Development of Fisheries (Fisheries assessment) in water of Nikšić" (Lakes Krupac, Slano, Liverovići and river Zeta)"] (2003).
4. "Formiranje salmonidnih reprocentara za proizvodnju mlada autohtonih ribljih vrsta" ["Establishment of centers for the reproduction and production of fry of native species of salmonids"] 2003-2005.
5. " Ribarska osnova eliva rijeke Morače" ["Possibility of Development of Fisheries (Fisheries assessment) in River Morača Watershed"] (2004).
6. "Ribarska osnova rijeke Lim i njenog slivnog područja" ["Possibility of Development of Fisheries (Fisheries assessment) in River Lim Watershed"] (2006).
7. "Biološko-ekološka istraživanja endemičnih i ugroženih vrsta salmonida u vodama Crne Gore" ["Biological and ecological studies of endemic and endangered salmonids in the waters of Montenegro"] (2005-2007).
8. "Ribarska osnova sliva rijeke Čehotine" ["Possibility of Development of Fisheries (Fisheries assessment) in River Čehotina Watershed"] (2007).
9. "Ribarska osnova sliva Pivskog jezera" ["Possibility of Development of Fisheries (Fisheries assessment) in Piva Lake Watershed"] (2008-2009).

BIBLIOGRAFIJA:

Publikovani radovi

1. Knežević, B., Marić, D. 1979. *Perca fluviatilis* Linnaeus, 1758 (Percidae, Pisces) nova vrsta za Jugoslavenski dio Skadarskog jezera. *Glasnik Repubičkog Zavoda za zaštitu prirode - Prirodnjačkog muzeja*, 12: 177-180. (YU ISSN: 0374-7948)
2. Marić, D. 1980. Prilog poznavanju rasprostranjenja *Paraphoxinus alepidotus* (Heckel, 1843) u vodama Jugoslavije. *Glasnik Repubičkog Zavoda za zaštitu prirode - Prirodnjačkog muzeja*, 13: 101-105. (YU ISSN: 0374-7948)
3. Marić, D. 1981. Nalaz *Rutilus rubilio* (Bonaparte, 1837) i *Scardinius erythrophthalmus* (Linnaeus, 1758) u ponornici Korani i kod Bosanskog Grahova. *Glasnik Repubičkog Zavoda za zaštitu prirode - Prirodnjačkog muzeja*, 14: 970-101. (YU ISSN: 0374-7948)
4. Marić, D. 1983. Morfološke karakteristike *Paraphoxinus alepidotus* (Heckel, 1843) (Cyprinidae) u ponornici Korani kod Bosanskog Grahova. *Glasnik Repubičkog Zavoda za zaštitu prirode - Prirodnjačkog muzeja*, 16: 67-73. (YU ISSN: 0374-7948)
5. Halsband, E. and I., Knežević, B., Marić, D., Prochnov, F. and Radujković, B. 1983. Applied methods for early diagnosis of diseases on several fish species in Skadar Lake. *CANU, Zbornik radova o Skadarskom jezeru*, 9: 191-201.
6. Romestand, B., Halsband, E., Bragoni, G., Knežević, B., Marić, D., Prochnov, F., 1983. Etude hematologique comparee des constantes erythrocytaires de quelques poissons Marins et d'eaux douces. *Revue des Travaux de l'Institut des Peches Maritimes*, 46 (2): 147-156.
7. Halsband, E., Halsband, I., Romestand, B., Dzuvi, A., Radujković, B., Marić, D. und Jurgensen, S. 1985. Hamatologische, enzymatische und histologische Untersuchungen an Fischen der Weser im Mai 1983. *Acta Hydrochimica et Hydrobiologica*, 13 (6): 669-690. ISSN: 0323-4320.
8. Knežević, B., Marić, D. 1986. Prilog poznavanju intiofaune Jugoslavije - nalaz *Mylopharingodon piceus* (Richardson, 1845) (Cyprinidae, Pisces) u Skadarskom jezeru. *Ichthyos*, 3: 13-17. (SLO ISSN: 0352-3837)
9. Marić, D., Knežević, B. 1986. Prilog proučavanju nekih krvnih parametara kod riba iz rijeke Morače. *Glasnik Repubičkog Zavoda za zaštitu prirode - Prirodnjačkog muzeja*, 19: 33-45. (YU ISSN: 0374-7948)
10. Marić, D. 1988. The species Revision of genus *Rutilus* Rafinesque, 1920. (Pisces) from Western Balkan peninsula. *Glasnik Repubičkog Zavoda za zaštitu prirode - Prirodnjačkog muzeja*, 21: 55-80. (YU ISSN: 0374-7948)
11. Knežević, B., Marić, D. 1989. Ichthyofauna des Flussgebietes Piva vor und der Errichtung des Stausees "Piva", Montenegro. *Ichthyos*, 7: 1-4. (SLO ISSN: 0352-3837)
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Učeše u naučno-istraživačkim projektima

1. "Limnološka istraživanja akumulacionog jezera Piva" (1976-1980).
2. "Proučavanje mogućnosti razvoja ribarstva u akumulacijama Krupac i Slano i njihovom užem slivnom području" (1978-1980).
3. "Izučavanje mogućnosti razvoja i unapredjenja ribolova na Skadarskom jezeru" (1977-1980).
4. hematološka i parazitološka istraživanja riba Skadarskog jezera i Bokokotorskog zaliva kao značajnih parametara za zaštitu životne sredine i "akvakulturu" (1979-1983). Međunarodni projekat, Univerzitet u Hamburgu.

5. "Hidrobiološke karakteristike rijeke Morače i njenog sliva" (1980-1983).
6. "Hidrobiološka, antropološka i genetička istraživanja u basenu Skadarskog jezera i problemi njegove zaštite" (1982-1984).
7. "Biološka proučavanja rijeka Tare s posebnim osvrtom na mogućnosti prirodnog i industrijskog zagađenja" (1981-1985).
8. "Biološka i ekonomska valorizacija hidroakumulacija i njihovog slivnog područja u Crnoj Gori" (1981-1985).
9. "Iskorišavanje prirodnih potencijala Skadarskog jezera kao izvora hrane i vode za ptice i problemi zagađenja i zaštite" (1981-1985).
10. "Biološka i hemijska proučavanja voda sliva ehotine s posebnim osvrtom na akumulaciju "Otilovići" u uslovima regionalne industrijalizacije" (1983-1987).
11. "Mogućnosti razvoja akvakulture na Skadarskom jezeru" (1984-1987). (Međunarodni projekat, USA- Univerzitet u Auburnu).
12. "Hidrobiološka proučavanja životnih zajednica i hidrohemijska istraživanja rijeke Tare i njenih pritoka" (1987-1990).
13. "Integralni sistem za kaveznu proizvodnju salmonidnih riba" (1990-1994).
14. "Biološka proučavanja u slivu rijeke Morače" (1990-1994).
15. "Istraživanja prirodnih karakteristika bazena Skadarskog jezera, u cilju njegove zaštite unapređenja i racionalnog iskorišavanja" (1991-1994).
16. Praćenje endemičnih, rijetkih i ugroženih vrsta riba u slivu Skadarskog jezera u cilju zaštite biodiverziteta i genofondova Nacionalnog parka (1996-1998).
17. Integrated Monitoring of Skadar Lake/Lake Shkoder (2000-2003), međunarodni projekat u saradnji sa Univerzitet u Heidelbergu i Univerzitet u Skadru.
18. Connaissance de la Biodiversite Ichthyque Endemique du systeme Ohrid-Drim-Lac Skadar 2001-2003 saradnja sa Francuskom i Albanijom (Međunarodni projekat).
19. "EULIMNOS – Integrated Monitoring of Skadar Lake" (HRK-the project leader institution) <http://www.eulimnos.org> (2002-2004)
20. "Comparative study of fish parasites biodiversity from Kavala (Aegean sea), Messolonghi bay (Ionian sea) and coast of Montenegro (Adriatic Sea). (2006-2008) saradnja sa Grčkom, međunarodni projekat - "Uporedna istraživanja biodiverziteta parazita riba sa područja Kavale (Egejsko more), zaliva Messolonghi (Jonsko more) i crnogorskog primorja (Jadransko more)".
21. "Fauna Crne Gore- katalog slatkovodnih riba Crne Gore" (2007-2008).
22. "Istraživanja bioindikatora kontinentalnog akvatorijuma Crne Gore" (2007-).
23. Crna Gora u XXI stoljeću-u eri kompetitivnosti: Projekat- Životna sredina i održivi razvoj (Rukovodilac M. Burić), Biodiverzitet (2009-2010) CANU.
24. "Fauna Crne Gore- Fauna slatkovodnih riba Crne Gore" (2010-2012).
25. Monitoring Biodiverziteta u Crnoj Gori za 2012 . Prirodnački muzej crne Gore – Agencija za zaštitu životne sredine (2013)

Naučno-stručne ekspertize

1. "Stanje ribljeg fonda akumulacije Krupac na koti 612" (1979).
2. "Ribarska osnova voda Nikšića" (HE "Peruica" - Nikšić, 1981).
3. "Ribarska osnova Nacionalnog parka "Durmitor" Žabljak (1982).
4. "Hemijski i biološki kvalitet voda rijeke ehotine i nekih njenih pritoka" TE "Pljevlja" (1981-1982).
5. "Ribarska osnova sa analizom hemijskog i biološkog kvaliteta voda rijeke ehotine i njenih pritoka" (SO Pljevlja, 1983).
6. "Program studijskih istraživanja i idejnih rješenja HE "Tara" (profil Tepca) - polazna studija, tema: "Neke biološke karakteristike životnih zajednica" (1985).
7. "Studija životnih zajednica i životnih uslova sliva rijeke Morače u svjetlu izgradnje novog izvora električne energije na rijeci Morači" (1985).
8. "Kompleksno stanje vodotoka i obalnog područja nizvodno od brane HE "Piva" do akumulacije HE "Baina Bašta" (1978-1986).
9. "Program zaštite, unapređenja i razvoja prirodnih bogatstava i dobara NP "Skadarsko jezero". Bazna studija-ichtiofauna (1987).

Rukovodilac i istraživač u studijama i ekspertizama

01. "Ribarska osnova Pivskog jezera sa pritokama" (1995).
02. "Ribarska osnova sliva rijeke Tare i jezera NP "Durmitor" (1996).
03. "Ribarska osnova voda nikšikog regiona (jezera Krupac, Slano, Liverovići i rijeka Zeta) (2003).
04. Formiranje salmonidnih reprocentara za proizvodnju mlađa autohtonih ribljih vrsta (2003).
05. "Ribarska osnova sliva rijeke Morače (rijeka Morača, Cijevna i Zeta)" (2004).
06. "Ribarska osnova sliva rijeke Lim (sa Plavskim jezerom i pritokama)" (2006).
07. "Biološko-ekološka istraživanja endemičnih i ugroženih vrsta salmonida u vodama Crne Gore" (2005-2007).
08. "Ribarska osnova sliva rijeke Čehotine" (2007).
09. "Ribarska osnova sliva rijeke Pive" (2008-2009).
10. "Ribarska osnova za područje opštine Nikšić" (2013).
11. „Ribarska osnova za sliv gornjeg toka rijeke Tare (opštine Kolašin i Mojkovac)" (2014)

Druge stručne aktivnosti:

- Davanje mišljenja i predloga vezanih za ribolov i ribarstvo u Crnoj Gori,
- Davanje mišljenja o zaštiti vodenih ekosistema,
- Učestvovao na izradi zakona o slatkovodnom ribarstvu
- Stručni konsultant kod Ministarstva poljoprivrede, šumarstva i vodoprivrede, Zavoda za zaštitu prirode, JP Nacionalni park "Skadarsko jezero" po pitanjima ribarstva i zaštite životne sredine,
- Stručni saradnik na izradi Crnogorskog riječnika, CANU,
- Izrada tehničko-tehnoloških projekata za uzgoj pastirmki, šaranskih i morskih vrsta riba,
- Predsjednik komisija za utvrđivanje ispunjenosti uslova ribnjaka za komercijalni rad,
- Radio na izradi više projektnih zadataka vezanih za iskorišavanje prirodnih resursa.
- Bio Predsjednik ili član komisija za ocjenu projekata za izdavanje koncesija,
- Predsjednik ili član komisija za ocjenu planova i programa u ribarstvu,
- Izrada (član ekipe) elaborata o uticaju na životnu sredinu i sl.
- Član komisije za ocjenu opravdanosti izgradnje hidroelektrane „Buk Bijela“ – 2004.
- Član većeg broja komisija za ocjenu studija o uticaju na životnu sredinu.
- Ekspert – konsultant na Projektu: EAR Project in Montenegro 05mon02: Suport to the Fishery Sector (2007/08)
- Član stručnog tima za izradu prostornog plana crne Gore,
- Član Odbora za faunu i floru CANU 1998-)
- Član redakcije časopisa "Natura Montenegrina" (2001 -)
- Član naučnih i organizacionih odbora međunarodnih i domaćih simpozijuma i kongresa,
- Recenzent u više naučnih radova u domaćim i međunarodnim časopisima
- Član naučnog savjeta JU NP Crne Gore (2007 -)
- Saradnik u više naučno-popularnih časopisa.
- Član komisije za ocjenu Studija o procjeni uticaja na životnu sredinu za izgradnju hidroelektrana „Buk Bijela“ i „Foča“ na rijeci Drini republika Srpska i hidroelektrana „Brodarevo 1“ i „Brodarevo 2“ na rijeci Limu republika Srbija -2013. godina.
- Član stručne ekipe za izradu studije strateška procjena uticaja na životnu sredinu DSL "Mihailovići" – Skadarsko jezero
- Rukovodilac ili član ekspertske ekipe za utvrđivanje „nultog stanja vodenih ekosistema“,
- Rukovodilac ili član ekspertske ekipe za monitoring na vodenim ekosistemima,
- Član komisije za inoviranje planova i programa na Studijskoj grupi za biologiju (bečelor, specijalističke, master i doktorske studije) po novom „Bolonjsko“ programu.
- Član komisije za akreditaciju postdiplomskih specijalističkih studija Zaštita životne sredine na metalurško-tehnološkom fakultetu u Podgorici.
- Profesor, nastavnik, na osnovnim, specijalističkim i doktorskim stunijama na PMF, univerzitet Crne Gore,
- Profesor, nastavnik, na PF, Univerzitet Crne Gore (predmet Ribarstvo),
- Mentor, diplomciurna, postdiplomcima i doktorandima,
- Predsjednik ili član u komisijama za odbranu diplomskih, specijalističkih i doktorskih radova (teza),
- Recezent - udžbenika i knjiga,
- Recezent pri izboru zvanja za nastavnike i stručna i naučna zvanja,
- Predsjednik ili član komisija za polaganje stručnih i drzavnih ispita (u nastavi i nauci),
- Intervjui i naučna mišljenja u sredstvima javog informisanja (radio, TV i štampani mediji)
- Zvanični sudski vještak iz oblasti biologije (2008 -)

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Датум: 19.12.2013. г.

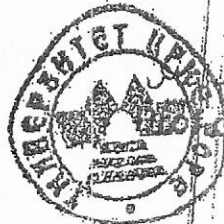
УНИВЕРЗИТЕТ ЦРНЕ ГОРЕ
Природно-математички факултет
Број: 2987
Подгорица, 19.12.2013. год.

Ref: _____
Date: _____

Na osnovu člana 75 stav 2 Zakona o visokom obrazovanju (Sl.list RCG, br. 60/03 i Sl.list CG, br. 45/10 i 47/11) i člana 18 stav 1 tačka 3 Statuta Univerziteta Crne Gore, Senat Univerziteta Crne Gore, na sjednici održanoj 19.12.2013. godine, donio je

ODLUKU O IZBORU U ZVANJE

Dr VLADIMIR PEŠIĆ bira se u akademsko zvanje **redovni profesor** Univerziteta Crne Gore za predmete: Invertebrata I, Invertebrata II i Ekologija životinja I, na Prirodno-matematičkom fakultetu.



РЕКТОР

Predrag Miranović
Dr Predrag Miranović

CURRICULUM VITAE

EUROPEAN FORMAT



PERSONAL INFORMATION

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Address House number, street name, postcode, city, country	Faculty of Natural Sciences and Mathematics, Department of Biology, University of Montenegro, Džordža Vašingtona bb, 81000 Podgorica, Montenegro
Telephone	+382 67 236 351
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Website	http://www.ucg.ac.me/objava/blog/17454/objava/1-biografija-pesic-vladimir https://www.researchgate.net/profile/Vladimir_Pesic
Place and Date of birth	Podgorica, 06.09.1973

WORK EXPERIENCE

<i>/Dates (from – to)</i>	06.06.1973 1980-1988 1988-2002 2003-2008	Born in Podgorica, Montenegro. Primary school in Podgorica Gymnasium "Slobodan Škerović" in Podgorica Undergraduate studies from general biology at the Department of Biology, University of Montenegro Work as Assistant at Department of Biology of the University of Montenegro in Podgorica
Add separate entries for each relevant post occupied, starting with the most recent.]	1998-2003	Master thesis at the Faculty of Biology of the University of Belgrade, Serbia
	2001	PhD thesis at the Faculty of Biology of the University of Belgrade, Serbia: "Taxonomical, ecological and zoogeographical study on water mites of the central part of Balkan Peninsula"
	2003	Work as Assistant Professor at Department of Biology of the University of Montenegro at the academic courses: "Zoology of
	2004-2008	

	2009 – 2013	Invertebrates" and "Ecology of Animals" and master courses: "Conservation Biology", "Principles of Sustainable Development" and "Crenobiology and Ecology of Groundwater". Work as Associate Professor at Department of Biology of the University of Montenegro
	2007 – 2013 Since 2013 – Cont.	Head of Department of Biology of the University of Montenegro Work as Full Professor at Department of Biology of the University of Montenegro
	2014– 2017	President of Scientific Board of University of Montenegro
Name and address of employer	University of Montenegro	
Type of business or sector	Public	
Occupation or position held	Full Professor	

EDUCATION AND TRAINING

Dates (from – to) Add separate entries for each relevant course you have completed, starting with the most recent.	2003	PhD thesis at the Faculty of Biology of the University of Belgrade, Serbia
	2001	Master thesis at the Faculty of Biology of the University of Belgrade, Serbia
	2003-2008	Undergraduate studies from general biology at the Department of Biology, University of Montenegro
Name and type of organisation providing education and training	University of Belgrade	
Principal subjects occupational skills covered	Ecology and Biodiversity Research	
Title of qualification awarded	PhD	
/ Level in National classification	Level VIII	

RESEARCH ACTIVITIES

Research sectors

There are four avenues of research in which I am mainly interested and which are partly interlinked:

- 1 Biodiversity, ecology, taxonomy and zoogeography of aquatic invertebrates, with special regard to water mites (Hydrachnidia) and freshwater gastropods;
- 2 Ecological research in springs ecosystem;
- 3 Ecology of Intermittent Rivers and Ephemeral Streams.
- 4 Environmental Monitoring

I described more than 300 species new for science from all parts of the world.

List of articles available at: https://www.researchgate.net/profile/Vladimir_Pesic

Books and Articles

Books

- Pešić, V., Karaman G., Kostianoy, A. (2018) (Eds.) Lake Skadar/Shkodra Environment. The Handbook of Environmental Chemistry, vol 80. **SPRINGER, Cham** 508 pp. ISBN 978-3-319-99249-5. DOI 10.1007/978-3-319-99250-1
- Gerecke, R., Gledhill, T., Pešić, V., Smit, H. (2016) Süßwasserfauna von Mitteleuropa, Bd. 7/2-3 Chelicerata. 429 pp. **SPRINGER Berlin Heidelberg**. ISBN:978-3-8274-1893-7
- Pešić, V. et al., (Eds) Rivers of Montenegro. The Handbook of Environmental Chemistry **SPRINGER, Cham**. In prep.

International monograph in SCIE journals with IF

- Smit, H. & Pešić, V. (2014) Water mites from Mount Kinabalu and the Crocker Range, Borneo, Malaysia (Acari: Hydrachnidia), with the description of 34 new species. **Monograph Zootaxa** 3876 (1): 1-71. Publisher: Magnolia Press (Auckland, New Zealand)
- Pešić, V. & Smit H. (2014) Torrenticolid water mites (Acari: Hydrachnidia: Torrenticolidae) from Malaysian Borneo. **Monograph Zootaxa**, 3840 (1): 1-72. Publisher: Magnolia Press (Auckland, New Zealand).
- Pešić, V. & Smit H. (2014) Torrenticolid water mites (Acari: Hydrachnidia: Torrenticolidae) from Ghana. **Monograph Zootaxa**, 3820 (1): 1-80. Publisher: Magnolia Press (Auckland, New Zealand).
- Pešić, V., Cook, D., Gerecke, R. & Smit H. (2013) The water mite family Mideopsidae (Acari: Hydrachnidia): a contribution to the diversity in the Afrotropical region and taxonomic changes above species level. **Monograph Zootaxa**, 3720 (1): 001-075. ISBN 978-1-77557-274-9 Publisher: Magnolia Press (Auckland, New Zealand)
- Pešić, V., Smit H. & Saboori A. (2012) Water mites delineating the Oriental and Palaearctic regions - the unique fauna of southern Iran, with descriptions of one new genus, one new subgenus and 14 new species (Acari: Hydrachnidia). **Monograph Zootaxa** 3330: 1-67. ISBN 978-1-86977-917-7. Publisher: Magnolia Press (Auckland, New Zealand)
- Pešić, V., Smit, H., Gerecke, R. & Di Sabatino, A. (2010). The water mites (Acari: Hydrachnidia) of the Balkan peninsula, a revised survey with new records and descriptions of five new taxa. **Monograph Zootaxa**, 2586, 1-100. ISBN 978-1-86977-569-8. Publisher: Magnolia Press (Auckland, New Zealand).

Chapters in monographs

- Pešić V., Karaman G.S., Kostianoy A.G. (2018) Introduction. In: Pešić V., Karaman G., Kostianoy A. (eds) The Skadar/Shkodra Lake Environment. The Handbook of Environmental Chemistry, vol 80. Springer, Cham, pp.1-10
- Barović G., Spalević V., Pešić V., Vujačić D. (2018) The Physical and Geographical Characteristics of the Lake Skadar Basin. In: Pešić V., Karaman G., Kostianoy A. (eds) The Skadar/Shkodra Lake Environment. The Handbook of Environmental Chemistry, vol 80. Springer, Cham, pp 11-23
- Grabowski M., Jabłońska A., Wysocka A., Pešić V. (2018) The Obscure History of the Lake Skadar and Its Biota: A Perspective for Future Research. In: Pešić V., Karaman G., Kostianoy A. (eds) The Skadar/Shkodra Lake Environment. The Handbook of Environmental Chemistry, vol 80. Springer, Cham, pp 47-61
- Pešić V. et al. (2018) The Diversity of the Zoobenthos Communities of the Lake Skadar/Shkodra Basin. In: Pešić V., Karaman G., Kostianoy A. (eds) The Skadar/Shkodra Lake Environment. The Handbook of Environmental Chemistry, vol 80. Springer, Cham, pp 255-293
- Pešić V., Glöer P. (2018) The Diversity and Conservation Status of the Molluscs of Lake Skadar/Shkodra. In: Pešić V., Karaman G., Kostianoy A. (eds) The Skadar/Shkodra Lake Environment. The Handbook of Environmental Chemistry, vol 80. Springer, Cham, pp 295-310
- Zawal A., Pešić V. (2018) The Diversity of Water Mite Assemblages (Acari: Parasitengona: Hydrachnidia) of Lake Skadar/Shkodra and Its Catchment Area. In: Pešić V., Karaman G., Kostianoy A. (eds) The Skadar/Shkodra Lake Environment. The Handbook of Environmental Chemistry, vol 80. Springer, Cham, pp 311-323
- Pešić V., Karaman G.S., Sket B. (2018) The Diversity and Endemism of Aquatic Subterranean Fauna of the Lake Skadar/Shkodra Basin. In: Pešić V., Karaman G., Kostianoy A. (eds) The Skadar/Shkodra Lake Environment. The Handbook of Environmental Chemistry, vol 80. Springer, Cham, pp 339-361
- Vujović A., Krivokapić Z., Stefanović M., Pešić V., Jovanović J. (2018) Integrated Lake Basin Management for Lake Skadar/Shkodra. In: Pešić V., Karaman G., Kostianoy A. (eds) The Skadar/Shkodra Lake Environment. The Handbook of Environmental Chemistry, vol 80. Springer, Cham, pp 447-457
- Pešić V., Karaman G.S., Kostianoy A.G., Vukašinović-Pešić V. (2018) Conclusions: Recent Advances and the Future Prospects of the Lake Skadar/Shkodra Environment. In: Pešić V., Karaman G., Kostianoy A. (eds) The Skadar/Shkodra Lake Environment. The Handbook of Environmental Chemistry, vol 80. Springer, Cham, pp 481-500
- Zhang, Z.-Q., Fan, Q.-H., Pešić, V., Smit, H., Bochkov, A., V. Khaustov, A., A Baker., A Wohltmann., A Wen., T Amrine, J., W. Beron, P., Lin, J., Gabrys, G & Husband, R (2011) In: Zhang, Z.-Q. (Ed.) Animal biodiversity: An outline of higher-level classification and survey of taxonomic richness. *Zootaxa Monograph*, 3148, pp. 129-138, Publisher: Magnolia Press, Auckland.
- Pešić, V. (2008) Checklist of diving beetles (Coleoptera: Dytiscidae, Noteridae) of Montenegro. In: Makarov, S.E. & Dimitrijević, R.N. (Eds.) Advances in Arachnology and

- Developmental Biology. Papers dedicated to Prof. Dr. Božidar Čurčić. Inst. Zool., Belgrade; BAS, Sofia; Fac. Life Sci., Vienna; SASA, Belgrade & UNESCO MAB Serbia, Vienna – Belgrade – Sofia, Monographs, 12, 509-515.
- Glöer, P. & Pešić, V. (2008) The freshwater gastropods of the Skadar Lake with the description of *Valvata montenegrina* n. sp. (Mollusca, Gastropoda, Valvatidae). In: Pavičević, D. & Perreau, M. (Eds.) Advances in the studies of the subterranean and epigeal fauna of the Balkan Peninsula. Volume dedicated to the memory of Guido Nonveller. Monograph 22, Institute for Nature Conservation of Serbia, 325-332.
- Pešić, V. & Schmidt-Rhaesa, A. (2008) First data on Serbian hairworms (Nematomorpha). In: Pavičević, D. & Perreau, M. (Eds.) Advances in the studies of the subterranean and epigeal fauna of the Balkan Peninsula. Volume dedicated to the memory of Guido Nonveller. Monograph 22, Institute for Nature Conservation of Serbia, 321-324.
- Pešić, V. (2004). Water mites (Acari: Hydrachnidia) of the Biogradska Gora National Park (Serbia and Crna Gora). In: Pešić, V. (Ed.). 2004. The Biodiversity of the Biogradska Gora National Park. Monographies I, Department of Biology, University of Montenegro & Centre for Biodiversity of Montenegro, 65-86.
- Pešić, V. (2004). New records of Halacarid mites (Acari, Halacaroidae) from Crna Gora. In: Pešić, V. (Ed.). 2004. The Biodiversity of the Biogradska Gora National Park. Monographies I, Department of Biology, University of Montenegro & Centre for Biodiversity of Montenegro, 96-103.

Papers published in journals from SCI/SCIE with IF > 0

2019

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- Pešić, V., Dmitrović, D., Savić, A., Milošević, Dj., Zawal, A., Vukašinić-Pešić, V., von Fumetti, S. (2019) Application of macroinvertebrate multimetrics as a measure of the impact of anthropogenic modification of spring habitats. *Aquatic Conservation: Marine and Freshwater Ecosystems*, 29, 341-352. (Q1)
- Pešić, V., Savić, A., Jabłońska, A. et al. (2019) Environmental factors affecting water mite assemblages along eucenon-hypocenon gradients in Mediterranean karstic springs. *Exp Appl Acarol* (2019) 77 (4), 471-486. (Q1)
- Berlajolli V, Plóciennik M, Antczak-Orlewska O, Pešić V (2019) The optimal time for sampling macroinvertebrates and its implications for diversity indexing in rheocrenes case study from the Prokletije Mountains. *Knowl Manag Aquat Ecosyst* 420:6
- Shumilova O., Zak D., Datry T., von Schiller D., Corti R., Foulquier A., Obrador B., Tockner K., Altermatt F., Arce M.I., Arnon S., Banas D., Banegas-Medina A., Bellier E., Blanchette M.L., Blanco-Liberos J.F., Blessing J.J., Gonçalves Boéchat I., Boersma K.S., Bogan M.T., Bonada N., Bond N.R., Brintrup Barria K.C., Bruder A., Burrows R.M., Cancellario T., Carlson S.M., Cauvy-Fraunié S., Cid N., Danger M., de Freitas Terra B., De Girolamo A.M., del Campo R., Dyer F., Elozegi A., Faye E., Pešić, V., et al., 2019. *Global Change Biology*, 25 (5) : p. 1591-1611. <https://doi.org/10.1111/gcb.14537> (Q1)
- Marinković N, Karadžić B, Pešić V, Gligorović B, Grosser C, Paunović M, Nikolić V, Raković M. 2019. Faunistic patterns and diversity components of leech assemblages in karst springs of Montenegro. *Knowl. Manag. Aquat. Ecosyst.*, 420, 26.
- Pešić, V., Asadi, A., Etemadi, I., Smit, H. (2019) New records of water mites (Acari: Hydrachnidia) from the Khuzestan Province (South Iran) with description of three new species. *Zootaxa* 4559 (3): 550-558
- Pešić, V., Smit, H., Bahugana, P. (2019) New records of water mites (Acari: Hydrachnidia) from the Western Himalaya with the description of four new species. *Systematic & Applied Acarology* 24(1): 59-80
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Projects

- 2010: Scientific Cooperation and Technology Transfer for the Development of a Fish-based Assessment Method of surface Waters Ecological Status. Institution: Hellenic Centre for Marine Research (Greece) and University of Montenegro (Montenegro). Project Leader.
- 2008-2011: Aquatic Coleoptera as bioindicator of freshwater ecosystems of Montenegro. Project financed by Ministry of Science of Montenegro. Project Leader.
- 2012-2015: Impact of climatic changes on Biodiversity of the freshwater ecosystems of Montenegro. Project financed by Ministry of Science of Montenegro. Leader of Project.
- 2012-2014: Systematic and conservational assesment of freshwater biodiversity of Montenegro. Institution: University of Natural Resources (BOKU), Vienna (Austria), and University of Montenegro (Montenegro). Leader of Montenegrin team.
- 2015-2016: Meiofauna as an environmental bio-indicator in marine ecosystems of Montenegro and Turkey. University of Montenegro (Montenegro) and University of Sinop (Turkey). Leader of Montenegrin team.
- 2016-2018: The first study of ecology and biology of species the snail genus *Montenegrina* in Montenegro. Natural History Museum Vienna, Austria and University of Montenegro. Leader of Montenegrin team.
- 2019-2020: DNA barcode reference library as a tool for sustainable management of freshwater ecosystems in the highly threatened Lake Skadar Basin. Project financed by Ministry of Science of Montenegro. Project Leader.
- 2019: Monitoring of the Benthos of River Tara – Impact of Bar-Boljare highway. Project financed by Ministry of Sustainable Development and Tourism. Leader and Principal investigator

University Book
Pešić, V., Crnobrnja-Isailović, J. & Tomović, Lj. (2009) Principles of Ecology. University of Montenegro, 191 pp. ISBN: 978-86-7664-073-7.
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Books
Andrijašević, Ž., Vojvodić, R., Stanišić, P., Pešić, V. (2017) In Defense of Autonomy of the University of Montenegro. 93 days of combat. Why? DOO OKF, Cetinje ISBN: 978-9940-36-071-9

Mentorship and Editorial work

PhD Disertation

1. Ana Pavićević: Sezonska dinamika makroinvertebrata Mreze i Rimanica sa posebnim osvrtom na vodene Coleoptere. *Univerzitet Crne Gore, Prirodno-matematički fakultet*. December 2011.
2. Lidiya Polović: Morfološke odlike i karakteristike reprodukcije endemičnog guštera *Algyroides nigropunctatus* (Duméril et Bibrón, 1839) (Lacertilia: Lacertidae) sa Skadarskog jezera. *Univerzitet Crne Gore, Prirodno-matematički fakultet*. November 2012.
3. Miloje Šundić, Diverzitet i ekologija terestričnih Parasitengona (Acari: Prostigmata) Crne Gore. *Univerzitet Crne Gore, Prirodno-matematički fakultet*. 2014.
4. Bogić Gligorović, Faunistička i ekološka studija izvora u slivu Skadarskog jezera, sa posebnim osvrtom na faunu Odonata i Hemiptera. *Prirodno-matematički fakultet*. 2019.

Editor-in-Chief

ECOLOGICA MONTENEGRINA
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ZOOKEYS (Editor for Hydrachnidia)(SCIE)
ACAROLOGIA (indexed by SCIE)
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VESTNIK ZOOLOGII
MARINE BIOLOGICAL JOURNAL
EUROPEAN JOURNAL OF ENVIRONMENTAL SCIENCES
EURASIAN JOURNAL OF BIOSCIENCES
PERSIAN JOURNAL OF ACAROLOGY
ECOLOGIA BALKANICA
BIOLOGICA NYSSANA
JOURNAL OF ECOSYSTEMS AND ECOLOGY SCIENCE
NATURA MONTENEGRINA
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Pešić, V. (2004) (Ed). The Biodiversity of the Biogradska Gora National Park. Monographies I, Department of Biology, University of Montenegro & Centre for Biodiversity of Montenegro, 150pp.
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Pešić, V. (Ed) The Book of Abstracts and Programme, III International Symposium of Ecologists of Montenegro. Herceg Novi, 08-12.10.2008, 196 pp. ISBN 978-86-908743-2-3.
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Pešić, V. (Ed) The Book of Abstracts and Programme, V International Symposium of Ecologists of Montenegro. Tivat, 02-05.10.2013, 150 pp. ISBN: 978-86-908743-4-7
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Pešić, V. & Hadžiablahović, S. (Eds) The Book of Abstracts and Programme, VII International Symposium of Ecologists of Montenegro. Sutomore, 4-7.10.2017, 81 ppr. ISBN: 978-86-908743-7-8

Awards

2014: Award from Ministry of Sciences in the category: Best Montenegrin scientist in 2014.
2014: Award from University of Montenegro in the category: Best scientist in 2014.

New species named after me

Bithynia pesici Glöer & Yildirim, 2006 (Turkey)
Lanzata pesici Glöer, Grego, Erős & Fehér, 2015 (Montenegro)
Gordius pesici Schmidt-Rhaesa, 2010 (Montenegro)
Galumna vladopesici Ermilov & Corpuz-Raros, 2015 (Philippines)
Arrenurus pesici Smit, 2010 (Australia)
Empitrombium pesici Saboori & Hakimitabar, 2009 (Iran)
Trachyuropoda pesici Kontschan, 2011 (St. Lucia, Caribbean Sea)
Hydraena pesici Skale & Jäch, 2011 (Iran)
Hydraena vladimiri Jäch & Diaz, 2016 (Greece)
Isoperla pesici Murányi, 2011 (Montenegro)
Atyaephyra vladoi Jablonska et al. 2018 (Montenegro)

Popular story

The New York Times

http://www.nytimes.com/2014/07/22/science/newly-found-mite-is-jenny-from-the-reef.html?_r=0

Discover Magazine
<http://discovermagazine.com/2015/jan-feb/101-new-species>
Science Daily
<https://www.sciencedaily.com/releases/2013/03/130326125101.htm>

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Broj / Ref 03-133P

Datum / Date 19.04.2019

Na osnovu člana 72 stav 2 Zakona o visokom obrazovanju („Službeni list Crne Gore“ br. 44/14, 47/16, 40/16, 42/17, 71/17, 55/18 i 3/19) i člana 32 stav 1 tačka 9 Statuta Univerziteta Crne Gore, Senat Univerziteta Crne Gore, na sjednici održanoj 19. aprila 2019. godine, donio je

ODLUKU O IZBORU U ZVANJE

Dr JELENA RAKOČEVIĆ bira se u akademsko zvanje **redovni profesor Univerziteta Crne Gore za oblast Botanika** (Sistematika algi, osnovne studije, studijski program Biologija, Sistematika gljiva i lišajeva, osnovne studije, studijski program Biologija) i **oblast Ekologija** (Hidrobiologija, osnovne studije, studijski program Biologija, Biocenologija, master studije, studijski program Biologija) na **Prirodno-matematičkom fakultetu Univerziteta Crne Gore**, na redovno vrijeme.

SENAT UNIVERZITETA CRNE GORE
PREDSJEDNIK

Prof. dr Danilo Nikolić, rektor

BIOGRAFIJA

IME I PREZIME: JELENA RAKOČEVIĆ

Rođena sam 20.04.1974. godine u Podgorici, gdje sam završila osnovnu školu i gimnaziju sa odličnim uspjehom i dobila nagrade "Luča".

Školske 1992/93 godine upisala sam studije Biologije na Prirodno-matematičkom fakultetu u Podgorici, gdje sam diplomirala 6. 11. 1996. godine sa prosječnom ocjenom 9,66 i stekla zvanje diplomirani biolog.

Poslijediplomske studije upisala sam školske 1996/97. godine na Biološkom fakultetu Univerziteta u Beogradu (smjer: Hidrobiologija) i završila ih sa prosječnom ocjenom 10. Magistrsku tezu pod nazivom: "Epifitske silikatne alge Skadarskog jezera" odbranila sam 21. 06. 2000. godine (pod mentorstvom prof.dr. Jelene Blaženčić) i stekla zvanje magistra bioloških nauka.

Doktorsku disertaciju pod nazivom: "Ekološka i taksonomska studija fitoplanktona Skadarskog jezera", odbranila sam 1. 12. 2006. godine, na Biološkom fakultetu Univerziteta u Beogradu (pod mentorstvom prof.dr. Mirka Cvijana) i stekla zvanje doktora bioloških nauka.

Usavršavala sam se iz oblasti hidrobiologije realizujući kraće studijske boravke u Njemačkoj: u laboratorijama za akvatičnu ekologiju i ekotoksikologiju na Univerzitetu u Heidelbergu, na Medicinskom institutu, Univerziteta u Hajdelbergu, potom i na BASF-u (Center for Agricultural Research) u Limburgerhofu, kao i u Austriji, na Karl Frazens Univerzitetu u Gracu.

Do sada sam učestvovala u većem broju međunarodnih i nacionalnih projekata i izradi više naučno-stručnih studija i ekspertiza i participirala na više međunarodnih i nacionalnih simpozijuma, radionica i seminara iz oblasti ekologije, biodiverziteta i zaštite životne sredine, hidrobiologije, algologije.

Koautor sam jednog univerzitetskog udžbenika (Hidrobiologija, 2009), dok je drugi univerzitetski udžbenik čiji sam jedini autor (Biocenologija), dobio pozitivne recenzije od oba recenzenta i trenutno se nalazi u daljoj proceduri, koja, do momenta moje prijave na konkurs, još uvijek nije završena.

Počev od 2013. godine, aktivni sam saradnik Ispitnog centra Crne Gore (izrada testova za Državno takmičenje iz biologije i testova za polaganje Male mature iz oblasti biologije), kao i član određenog broja komisija u Ispitnom Centru.

Član sam Uređivačkog savjeta za izradu Botaničkog leksikona Crne Gore, u okviru Crnogorske akademije nauka i umjetnosti (CANU), kao i recenzent za nekoliko međunarodnih naučnih časopisa. Zvanični sam sudski vještak iz oblasti ekologije.

Podaci o radnim mjestima i izborima u zvanja

1997–2008: Saradnik i nastavi na Prirodno-matematičkom fakultetu, Studijski program Biologija. U navedenom periodu bila sam angažovana u izvođenju vježbi na predmetima „Alge, gljive i lišaji“ i „Limnologija“, a 2006. godine pored vježbi na ovim predmetima, bila sam angažovana i kao predavač na predmetima „Zaštita životne sredine“ i „Biologija mora“.

2008–2013: Docent (Bilten Univerziteta Crne Gore br. 229 od 21.03.2008.) na Prirodno-matematičkom fakultetu, Studijski program Biologija (predmeti: „Alge, gljive i lišaji“, „Hidrobiologija“, „Biocenologija“ i „Ekologija populacija“). Počev od 2009. godine izvodim i nastavu na Metalurško-tehnološkom fakultetu u Podgorici (smjer – Zaštita životne sredine) na predmetu „Biološki procesi u životnoj sredini“.

2013–2018: Vanredni profesor (Bilten Univerziteta Crne Gore br. 307 od 1.07.2013.) na Prirodno-matematičkom fakultetu, Studijski program Biologija (predmeti: „Alge, gljive i lišaji“, „Hidrobiologija“ i „Biocenologija“). Pored predavanja, takođe držim i vježbe na predmetu „Hidrobiologija“, kao i nastavu na Metalurško-tehnološkom fakultetu u Podgorici (smjer – Zaštita životne sredine) na predmetu „Biološki procesi u životnoj sredini“. Takođe izvodim nastavu i na istomenom predmetu na doktorskom studijama biologije, kao i na više izbornih predmeta na specijalističkim i master studijama biologije.

KLASIFIKACIONA BIBLIOGRAFIJA
KVANTITATIVNA OCJENA REFERENCI DO POSLEDNJEG IZBORA
 (SPISAK REFERENCI JE DAT U BILTENIMA UNIVERZITETA CRNE GORE BROJ 229. OD 31.03.2008. I BROJ 307 OD 1.07.2013.)

1. NAUČNOISTRAŽIVAČKA DJELATNOST							UKUPNI BROJ BODOVA
1.1. Monografije	1.1.1.	1.1.2.	1.1.3.	1.1.4.	1.1.5.		5
Broj referenci*broj bodova						1	
1.2. Radovi objavljeni u časopisima	1.2.1.	1.2.2.	1.2.3.	1.2.4.			33,7
Broj referenci*broj bodova						3	
1.3. Radovi na kongresima, simpozijumima, seminarima			1.3.1.	1.3.2.	1.3.3.		8,6
Broj referenci*broj bodova						10	
1.4. Uvodno, objavljeno plenarno predavanje				1.4.1.	1.4.2.		
Broj referenci*broj bodova							
1.5. Recenzije			1.5.1.	1.5.2.	1.5.3.		
Broj referenci*broj bodova							
UKUPNO ZA NAUČNOISTRAŽIVAČKU DJELATNOST							47,3
2. UMJETNIČKA DJELATNOST							
Premijerno predavljanje	2.1.	2.2.	2.3.	2.4.	2.5.	2.6.	
Broj referenci/broj bodova							
UKUPNO ZA UMJETNIČKU DJELATNOST							
3. PEDAGOŠKA DJELATNOST							
3.1. Udžbenici	3.1.1.	3.1.2.	3.1.3.	3.1.4.			11
Broj referenci*broj bodova						1	
3.2. Priručnici		3.2.1.	3.2.2.	3.2.3.			
Broj referenci*broj bodova							
3.3. Gostujući profesor			3.3.1.	3.3.2.			
Broj referenci*broj bodova							
3.4. Mentorstvo		3.4.1.	3.4.2.	3.4.3.			10
Broj referenci*broj bodova						5	
3.5. Kvalitet pedagoškog rada (može se koristiti ukoliko se na zvaničnim studentskim anketama najmanje tri godine uzastopno dobiju odlične ocjene za sve elemente pedagoškog rada)							5
UKUPNO ZA PEDAGOŠKU DJELATNOST							26
4. STRUČNA DJELATNOST							
4.1. Stručna knjiga			4.1.1.	4.1.2.			
Broj referenci*broj bodova							
4.2. Urednik ili koeditor		4.2.1.	4.2.2.	4.2.3.			
Broj referenci*broj bodova							
4.3. Stručni članak				4.3.1.			

4.4. Objavljeni prikazi	Broj referenci*broj bodova		
		4.4.1.	
4.5. Popularno-stručni članci	Broj referenci*broj bodova		
		4.5.1.	
4.6. Ostala dokumentovana stručna djelatnost	Broj referenci*broj bodova		
		4.6.1.	
	Broj referenci*broj bodova	23	23
UKUPNO ZA STRUČNU DJELATNOST			23

PREGLED RADOVA I BODOVA NAKON PRETHODNOG IZBORA

1. NAUČNOISTRAŽIVAČKA DJELATNOST	BROJ BODOVA	
	UKUPNO ZA REFERENCU	ZA KANDIDATA
1. Monografije		
1.2 Dio naučne monografije izdate od strane renomiranog međunarodnog izdavača		
1. <u>Rakočević, J.</u> (2018): The phytoplankton and Trophic State of Lake Skadar/Shkodra. In: <u>Pešić, V., Karaman, G. & Kostanoy, A.</u> (Eds.): Lake Skadar/Shkodra Environment. The Handbook of Environmental Chemistry, SPRINGER, Berlin, Heidelberg. ISSN: 1867-979X doi: https://doi.org/10.1007/698_2017_233 .	10	10
1.2 Radovi objavljeni u časopisima		
1.2.1. Radovi objavljeni u časopisima koji se nalaze u međunarodnim bazama podataka		
2. <u>Rakočević, J., Šuković, D., Marić, D.</u> (2018): Distribution and Relationships of Eleven Trace Elements in Muscle of Six Fish Species from Skadar Lake (Montenegro). Turkish Journal of Fisheries and Aquatic Sciences, 18: 647-657. ISSN: 1303-2712 doi: 10.4194/1303-2712-v18_5_01	7	7
3. <u>Rakočević, J.</u> (2018): Application of epilithic diatoms in the ecological assessment of mountain rivers: contribution to the development of biomonitoring tools for Montenegrin aquatic ecosystems using the case study of the Tara River. Nova Hedwigia, 106 (3-4): 337-356. ISSN: 0029-5035 doi: 10.1127/nova_hedwigia/2017/0440	7	7
4. <u>Marić, D., Rakočević, J.</u> (2014): Some Life-History Traits of the Adriatic Brown Trout, <i>Salmo farioides</i> (Karaman, 1938) (Salmonidae) from the Morača River (Montenegro). Acta Zoologica Bulgarica, 66 (4): 539-546. ISSN: 0324-0770	7	7
1.2.2 Radovi u međunarodnim časopisima koji se ne nalaze u bazi podataka, a imaju redovnu međunarodnu distribuciju i rezime na stranom jeziku		
5. <u>Rakočević, J.</u> (2018): Phytoplankton of Šasko Lake and the first record of invasive toxin-producing cyanobacterium <i>Cylindrospermopsis raciborskii</i> (Woloszynska) Scenayya et Subba Raju, 1972 in Montenegro. Ecologica Montenegrina, 16: 114-123. ISSN: 2336-9744	4	4
1.3. Radovi na kongresima, simpozijumima i seminarima		
1.3.1. Međunarodni kongresi, simpozijumi i seminari		
6. <u>Marić, D., Rakočević, J.</u> (2013): Some life history traits of <i>Salmo farioides</i> from Morača River (Montenegro). Abstract Book, V International Symposium of the Ecologists in Montenegro (ISEM5), 02-05. October, 2013, Tivat. pp. 114. ISBN: 978-86-908743-4-7	0,4	0,2
7. <u>Rakočević, J.</u> (2015): Phytobenthos of upper part of Cijevna and Obodska River (Montenegro). Abstract Book, VI International Symposium of the Ecologists in Montenegro (ISEM6), 15-18 October 2015, Ulcinj. pp. 61. ISBN: 978-86-908743-5-4	0,4	0,4
8. <u>Burzanović, K., Marić, D., Milošević, D., Rakočević, J.</u> (2015): Estimation of selectivity of fishing gears based on population structure of	0,4	0,1

bleak (<i>Alburnus scoranza</i>) in Skadar Lake (MONTENEGRO). Abstract Book, VI International Symposium of the Ecologists in Montenegro (ISEM6), 15-18 October 2015, Ulcinj. pp. 68. ISBN: 978-86-908743-5-4		
9. <u>Rakočević, J.</u> (2016): Epilithic diatoms of Tara River (Montenegro). Abstract Book, V Congress of Ecologists of R. Macedonia with International Participation, 19-22. October 2016, Ohrid, pp. 127. ISBN: 978-9989-648-36-6	0,4	0,4
10. <u>Rakočević, J.</u> (2017): Epilithic diatoms of Crno Lake (Montenegro). Abstract Book, VII International Symposium of the Ecologists in Montenegro (ISEM7), 4-7 October 2017, Sutomore. pp. 35 ISBN: 978-86-908743-7-8	0,4	0,4
11. <u>Rakočević, J.</u> , Šuković, D., Marić, D. (2017): Bioaccumulation of trace elements in muscle tissue of six fish species from Skadar Lake (Montenegro). Abstract Book, VII International Symposium of the Ecologists in Montenegro (ISEM7), 4-7 October 2017, Sutomore. pp. 165. ISBN: 978-86-908743-7-8	0,4	0,4
12. Vidaković, D., Krizmanić, J., Levkov, Z., <u>Rakočević, J.</u> , Loshkoska, T., Patčeva, S., Kupe, L. & Schneider, S. (2018): How do newly-described diatom species affect biomonitoring? – An example of <i>Gomphonema paratergestinum</i> vs. <i>G. tergestinum</i> . Abstract Book, 25th International Diatom Symposium – 25-30. June 2018, Berlin pp.182. ISBN 978-3-946292-27-2	0,4	0,05
1.5. Recenziranje		
1.5.1. Radova koji se nalaze u međunarodnim bazama podataka		
13. Turkish Journal of Fisheries and Aquatic sciences, ISSN: 1303-2712 (ID: 7809). Kontakt: İlhan Aydın (info@tr.fas.org)	2	2
14. Ecological Indicators, ISSN: 1470-160X (ID: ECOLIND-10632). Kontakt: Steven Ripp (eesserver@eesmail.elsevier.com)	2	2
15. Archives of Biological Sciences, ISSN: 0354-4664 (ID: 2015ABS0512) Kontakt: Goran Poznanović (abs@ibiss.bg.ac.rs)	2	2

3. PEDAGOŠKA DJELATNOST	BROJ BODOVA	
	UKUPNO ZA REFERENCU	ZA KANDIDATA
3.1.2. Korišćenje referentnog inostranog udžbenika kod nas		
1. Begon, M., Harper, J.L., Townsend, C.R. (1996): Ecology: Individuals, Populations and Communities. Blackwell Scientific Publications, Oxford, London, pp 750. ISBN: 978-1-405-11117-1	5	5
3.2.2. Studijski priručnici (skripta, hrestomatije...)		
2. <u>Rakočević, J.</u> – Biocenologija (skripta za studente na predmetu Biocenologija – master studije – studijski program Biologija)	1	1
3. <u>Rakočević, J.</u> – Ekologija populacija (skripta za studente na predmetu Ekologija populacija – master studije – studijski program Biologija)		
3.4. Mentorstvo		
3.4.3. Na dodiplomskom studiju		
4. Bojan Jokanović – Makromicete park šume Gorica – Specijalistički rad (PMF, Univerzitet Crne Gore, 2014)		
5. Jelena Brnović – Epilithične silikatne slge Crnog jezera – Specijalistički rad (PMF, Univerzitet Crne Gore, 2017)	0,5	0,5
6. Alma Kurtiš – Fitoplankton Šuskog jezera – Specijalistički rad (PMF, Univerzitet Crne Gore, 2018)	0,5	0,5
3.5. Kvalitet pedagoškog rada, odnosno kvaliteta nastave		
7. Po Odluci Vijeća Prirodno-matematičkog fakulteta br. 2008 od 11.07.2018. godine, ocjena je formirana na osnovu studentskih anketa.	0,5	0,5
	5	5

4. STRUČNA DJELATNOST	BROJ BODOVA	
	UKUPNO ZA REFERENCU	ZA KANDIDATA
4.6. Ostala dokumentovana stručna djelatnost:		

<p>Internacionalni i nacionalni projekti (član ekspertskeg tima):</p> <ul style="list-style-type: none"> - 2013-2015: Preserving biodiversity, sharing responsibility – transboundary lake basin management in South-East Europe: Conservation and sustainable use of biodiversity at Lakes Prespa, Ohrid and Shkodra/Skadar (CSBL, GIZ) – ekspert za floru algi. https://www.giz.de/en/worldwide/20318.html - 2016-2019: Assessment of Ecological Status According to the Water Framework Directive - Intercalibration Among Western-Balkan Countries (NIVA) – ekspert za floru algi. https://lakeohridniva.wordpress.com/ - 2017: Enabling Transboundary cooperation & Integrated Water Resource Management in the Extended Drin River Basin (DRIN CORDA, GEF) – ekspert za floru algi. http://drincorda.org/gef-supported-drin-project - 2018 – Training on the Biological Water Status Monitoring in Montenegro (IBISS) – ekspert za floru algi. - 2015: "Ribarska osnova sliva gornjeg toka rijeke Tare (opštine Kolašin i Mojkovac)" (Ministarstvo poljoprivrede i ruralnog razvoja Crne Gore) – ekspert za floru algi. - 2016: "Podrška lokalnim zajednicama u implementaciji turističkih praksi zasnovanih na prirodi u okolini Šaskog jezera" (NVO Green Home, CEPF) – ekspert za floru algi. <p>Ostale stručne aktivnosti:</p> <ul style="list-style-type: none"> - Sudski vještak iz oblasti ekologije (od 2008. godine) - Recenzent univerzitetskog udžbenika: Senka Barudanović & Ermin Mašić (2015): Raznolikost i sistematika algi. Prirodno-matematički fakultet, Univerzitet u Sarajevu, 155p. ISBN: 978-9958-592-61-4 - Recenzent za izradu Ispitnog kataloga iz biologije za malu maturu (Ispitni centar Crne Gore) - Član komisije za Državno takmičenje iz biologije za osnovne škole (Ispitni centar Crne Gore) - Član komisije za polaganje Male mature – biologija (Ispitni centar Crne Gore) - Član komisije Olimpijade znanja (PMF) - Član Uredivačkog savjeta za izradu Botaničkog leksikona Crne Gore (CANU) - Član ekspertskeg tima u izradi Strateške procjene uticaja na životnu sredinu za Prostorni plan posebne namjene Nacionalnog parka „Skadarsko jezero” (Ministarstvo održivog razvoja i turizma Crne Gore) - Član ekspertskeg tima u procjeni nultog stanja i monitoringa živog svijeta ekosistema rijeke Tare (CRBC) - ekspert za floru algi - Član ekspertskeg tima u procjeni nultog stanja živog svijeta Skadarskog jezera (lokalitet Biški rop, Mihailovići) - ekspert za floru algi - Član ekspertskeg tima u procjeni nultog stanja živog svijeta ekosistema rijeke Bukovice - ekspert za floru algi - Član ekspertskeg tima u procjeni nultog stanja živog svijeta ekosistema rijeke Lještance - ekspert za floru algi 	20	15
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ZBIRNI PREGLED RADOVA I BODOVA

DJELATNOST	Broj radova		Broj bodova	
	Poslije izbora	Ukupno	Poslije izbora	Ukupno
1. NAUČNOISTRAŽIVAČKI RAD	15	39	42.95	90.25
2. UMJETNIČKI RAD	/	/	/	/
3. PEDAGOŠKI RAD	7	13	13.5	39.5
4. STRUČNI RAD			15	38
UKUPNO			71.45	167.75

PREGLED NAJVAŽNIJIH NAUČNIH DJELA

Rakočević, J. (2018): The phytoplankton and Trophic State of Lake Skadar/Shkodra. In: Pešić, V., Karaman, G. & Kostanoy, A. (Eds.): Lake Skadar/Shkodra Environment. The Handbook of Environmental Chemistry, SPRINGER, Berlin, Heidelberg. ISSN: 1867-979X doi: 10.1007/698_2017_233

U ovom poglavlju monografije o Skadarskom jezeru sumirana su višedecenijska istraživanja fitoplanktona, počev od najranijih podataka pa do danas. Opisan je floristički sastav planktonskih algi, njihova biomasa, sezonska dinamika, prostorna distribucija, kao i trofični status jezera na osnovu algi kao bioindikatora, a takođe je napravljeno i poređenje sadašnjeg i nekadašnjeg stanja zajednice fitoplanktona i ukazano na promjene koje su se tokom vremena desile u ovom jezeru.

Rakočević, J. (2018): Application of epilithic diatoms in the ecological assessment of mountain rivers: contribution to the development of biomonitoring tools for Montenegrin aquatic ecosystems using the case study of the Tara River. *Nova Hedwigia*, 106 (3-4): 337-356. ISSN: 0029-5035 doi: 10.1127/nova_hedwigia/2017/0440

Rad opisuje epilitičnu zajednicu silikatnih algi (dijatomeja) rijeke Tare, kroz čiji diverzitet, strukturu i abundanciju, uz izračunate dijatomejne indekse, je po prvi put izvršena procjena ekološkog statusa u nekoj crnogorskoj rijeci upotrebom dijatomeja, a u skladu sa uputstvima evropske direktive o vodama. Time je testirana i primjena ovih algi kao indikatora kvaliteta vode naših rijeka, što predstavlja značajan doprinos razvoju alata za budući nacionalni biomonitoring.

Rakočević, J., Šuković, D., Marić, D. (2018): Distribution and Relationships of Eleven Trace Elements in Muscle of Six Fish Species from Skadar Lake (Montenegro). *Turkish Journal of Fisheries and Aquatic Sciences*, 18: 647-657. ISSN: 1303-2712 doi: 10.4194/1303-2712-v18_5_01

U ovom radu određena je koncentracija 11 odabranih teških metala u mišićnom tkivu 6 vrsta riba sa različitim tipovima ishrane u Skadarskom jezeru i napravljena korelacija količine svakog od metala sa uzrastom, dimenzijama i težinom ribe u cilju utvrđivanja stepena bioakumulacije i procjene eventualnog rizika po zdravlje ljudi. Većina teških metala je u ovom istraživanju po prvi put analizirana u tkivu riba kada je u pitanju Skadarsko jezero i crnogorske vode uopšte.

Rakočević, J. (2012): Summer aspect of phytoplankton community in some Montenegrin lakes: Are there changes after more than two decades? *Archives of Biological Sciences*, 64 (2), 745-755. ISSN: 0354-4664

U radu je dat opis kvalitativnog i kvantitativnog sastava fitoplanktona u 10 crnogorskih jezera (visokoplaninska, ravničarska i akumulacije) i izvršena je komparativna analiza dobijenih rezultata u odnosu na ranije podatke, koja je pokazala da je u 7 od 10 istraživanih jezera vremenom došlo do takve izmjene diverziteta i strukture zajednice, koja nedvosmisleno ukazuje na porast trofičnog nivoa tj. pogoršanje ekološkog statusa u odnosu na period od prije nekoliko decenija.

Rakočević, J., Hollert, H. (2005): Phytoplankton Community and Chlorophyll *a* as Trophic State Indices of Lake Skadar. *ESPR – Environ. Sci & Pollut Res* 12 (3), 146-152. ISSN: 0944-1344

Rad opisuje sastav, strukturu, biomasu i sezonsku dinamiku fitoplanktona Skadarskog jezera, a po prvi put je izvršena i sveobuhvatna procjena trofičnog statusa ovog jezera na bazi fitoplanktona i odabranih fizičko-hemijskih parametara. Izvedena je i jednačina predviđanja biomase fitoplanktona (koncentracije hlorofila) u cilju utvrđivanja najznačajnijih parametara koji na nju utiču, čime se može predvidjeti prekomjerno namnožavanje algi u ovom jezeru, pa u tom smislu izvedena jednačina predstavlja koristan i veoma značajan alat u upravljanju kvalitetom vode.

Marić, D., Rakočević, J. (2010): Biodiverzitet. U: Crna Gora u XXI stoljeću - u eri kompetitivnosti. Životna sredina i održivi razvoj (Ed. M. Burić). *CANU*, 73/2, 113-150. ISBN: 978-86-7215-244-9

Poglavlje ove monografije predstavlja doprinos poznavanju stanja i ugroženosti biodiverziteta u Crnoj Gori i postojećih mjera njegove zaštite, sa analizom postojećih zakonskih propisa, strateških i planskih dokumenata i sektorskih politika, kako bi se ukazalo na aktivnosti koje najviše prijete biodiverzitetu. Obrađena je i veza biodiverziteta i održivog razvoja i date preporuke za dalje aktivnosti na zaštiti i održivom korišćenju biodiverziteta u Crnoj Gori.