



Podgorica, 17.11.2023. godine

Broj: 01/7-1720/4

UNIVERZITET CRNE GORE
Centar za doktorske studije
Senat

Uvaženi,

U prilogu vam dostavljamo predlog Stručnog Vijeća Centra za interdisciplinarne i multidisciplinarne studije, studijski program Održivi razvoj o imenovanju prvog i drugog mentora za kandidata Mašu Jovanović, studenta doktorskih studija, broj dosijea 15/21.

S poštovanjem,



DIREKTOR,

Nedeljko Latinović
Prof. dr Nedeljko Latinović

Prilog:

- predlozi Stručnog Vijeća
- molba za imenovanje prvog i drugog mentora
- obrazac M
- reference predloženog prvog mentora
- reference predloženog drugog mentora

Na osnovu člana 64. Statuta Univerziteta Crne Gore i člana 29. Pravila doktorskih studija, Stručno Vijeće Centra za interdisciplinarnu i multidisciplinarnu studiju Univerziteta Crne Gore, studijski program Održivi razvoj, na 6. sjednici održanoj preko zoom platforme dana 15.11.2023. godine utvrdilo je sljedeći

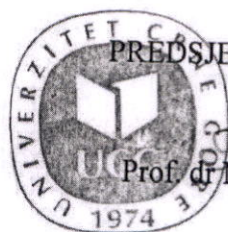
PREDLOG

Predlaže se Senatu Univerziteta Crne Gore da imenuje prof. dr David Christian Finger, vanrednog profesora na Univerzitetu u Rejkjaviku, na Islandu, za drugog mentora za izradu doktorske disertacije mr Maše Jovanović, broj dosijea 15/21, studenta doktorskih studija Centra za interdisciplinarnu i multidisciplinarnu studiju Univerziteta Crne Gore, studijski program Održivi razvoj.

Obrazloženje

Dr David Christian Finger, vanredni profesor na Univerzitetu u Rejkjaviku, Island ispunjava sve kriterijume za imenovanje drugog mentora propisane članom 29. Pravila doktorskih studija Univerziteta Crne Gore.

Imajući u vidu prednje utvrđen je predlog kao u dispozitivu.



PREDSJEDNIK STRUČNOG VIJEĆA,

Nedeljko Latinović
Prof. dr Nedeljko Latinović, direktor

Broj: 01/7-1720/2

Podgorica, 05. 07. 2023. godine

Na osnovu člana 64 Statuta Univerziteta Crne Gore, člana 29 Pravila doktorskih studija, Stručno vijeće Centra za interdisciplinarne i multidisciplinarne studije za studijski program Održivi razvoj je na 2. sjednici, održanoj 05. 07. 2023. godine, donijelo

PRIJEDLOG

Senatu Univerziteta Crne Gore da se studentkinji doktorskih studija na studijskom programu Održivi razvoj, koji se realizuje na Centru za interdisciplinarne i multidisciplinarne studije, mr Maši Jovanović za prvog mentora na izradi doktorske disertacije odredi prof. dr Danilo Mrdak, vanredni profesor Prirodno-matematičkog fakulteta Univerziteta Crne Gore.

OBRAZLOŽENJE

Kandidatkinja mr Maša Jovanović obratila se Stručnom vijeću Centra za interdisciplinarne i multidisciplinarne studije za studijski program Održivi razvoj sa zahtjevom i potrebnom dokumentacijom da joj se odredi mentor.

Stručno Vijeće Centra za interdisciplinarne i multidisciplinarne studije za studijski program Održivi razvoj je nakon razmatranja dokumentacije i zahtjeva kandidatkinje, predložilo Senatu Univerziteta Crne Gore da donese Odluku kao u izreci. Vijeće se saglasilo da kandidatkinja nije dostavila potpunu dokumentaciju za drugog mentora, te je izjašnjenje o predloženom kandidatu odgođeno do kompletiranja dokumentacije.

DOSTAVLJENO:


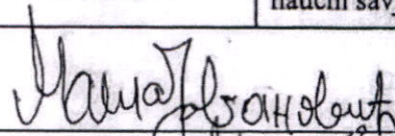
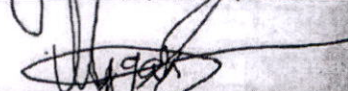
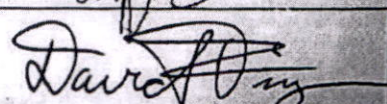
- Centru za doktorske studije
- Senatu Univerziteta Crne Gore
- Kandidatkinji
- a/a



DIREKTOR

Prof. dr Nedeljko Latinović

Primljeno:	04. 07. 2023		
Org. jed.	Broj	Prilog	Vrijednost
01/2	1720/1		

 UCG	MOLBA ZA IMENOVANJE MENTORA IZ REDA NASTAVNIKA ILI NAUČNIH SAVJETNIKA/SARADNIKA UCG <i>stud. 2022/23. god.</i>		
<i>fakultet / institut / centar</i>	Centar za doktorske studije		
<i>studijski program</i>	Održivi razvoj		
<i>student (ime i prezime)</i>	Maša Jovanović		
<i>br. indeksa</i>	15/21		
<i>predloženi prvi mentor</i> <small>(popuniti ako predloženi mentor nije sa fakulteta UCG na kojem je organizovan studijski program)</small>	Daniilo Mrdak	docent	<input type="checkbox"/>
	<i>fakultet / institut:</i> Prirodno-matematički fakultet, Univerzitet Crne Gore	vanredni prof. <input checked="" type="checkbox"/> redovni prof. <input type="checkbox"/> naučni sarad. <input type="checkbox"/> viši nauč. sarad. <input type="checkbox"/> naučni savj. <input type="checkbox"/>	
<i>predloženi drugi mentor</i> <small>(popuniti ako predloženi mentor nije sa fakulteta UCG na kojem je organizovan studijski program)</small>	David C. Finger	docent	<input type="checkbox"/>
	<i>fakultet / institut:</i> Univerzitet u Reykjaviku, Island, Institut za održivi razvoj	vanredni prof. <input checked="" type="checkbox"/> redovni prof. <input type="checkbox"/> naučni sarad. <input type="checkbox"/> viši nauč. sarad. <input type="checkbox"/> naučni savj. <input type="checkbox"/>	
Datum: 30.06.2023.	Molbu podnosi student: <i>(potpis)</i> 		
	Sa molbom saglasan prvi mentor: <i>(potpis)</i> 		
	Sa molbom saglasan drugi mentor: <i>(potpis)</i> 		

MENTORSTVO

IME I PREZIME KANDIDATA		Maša Jovanović	
PREDLOŽENI MENTOR/I			
	Titula, ime i prezime	Ustanova i država	Naučna oblast
Prvi mentor	Prof. dr Danilo Mrdak	Univerzitet Crne Gore	Biologija/ichtiologija
Drugi mentor	Dr. sc. nat. David C. Finger	Univerzitet u Rejkjaviku, Island	Održivi razvoj
Sjednica Vijeća organizacione jedinice na kojoj je izvršeno predlaganje mentora		15. 11. 2023. (dugi mentor) 05.07.2023. (social)	
KOMPETENCIJE MENTORA (u skladu sa članom 29 Pravila doktorskih studija)			
Prvi mentor	1	Milošević, D., Bigović, M., Mrdak, D., Milašević, I., Pirić, M. (2021). Otolith morphology and microchemistry fingerprints of European eel, <i>Anguilla anguilla</i> (Linnaeus, 1758) stocks from the Adriatic Basin in Croatia and Montenegro. <i>Science of The Total Environment</i> . 786, 147478, https://doi.org/10.1016/j.scitotenv.2021.147478 .	
	2	Milošević, D., Mrdak, D. (2016). Length-weight relationship of nine fish species from Skadar Lake (Adriatic catchment area of Montenegro). <i>Journal of Applied Ichthyology</i> , 32(6), 1331-1333, https://doi.org/10.1111/jai.13163	
	3	Pirić, M., Kalamujic, S.B., Giannetto, D., Tarkan, A., Gavrilovic, A., Špelić, I., Radočaj, T., Killi, N., Filiz, H., Uysal, T., Aldemir, C., Kamberi, E., Hala, E., Bakiu, R., Kolitari, J., Buda, E., Bakiu, S. Sadiku, E., Bakrač, A. Zdraveski, K. (2021). An assessment of regulation, education practices and socio-economic perceptions of non-native aquatic species in the Balkans. <i>Journal of Vertebrate Biology</i> . 70(4), 21047. https://doi.org/10.25225/jvb.21047	
	4	Mrdak, D., Pietrock, M., Brämick, U. Simonović, P. Milošević, D. (2018). Population traits and colonization success of non-native Eurasian perch (<i>Perca fluviatilis</i>) 35 years after its first appearance in the Mediterranean Lake Skadar. <i>Environmental Biology of Fishes</i> . 101, 417-428. https://doi.org/10.1007/s10641-017-0707-x	
	5	Mrdak, D., Nikolić, V., Tošić, A., Simonović, P. (2012). Molecular and ecological features of the soft-muzzled trout <i>Salmo obtusirostris</i> (Heckel, 1852) in the Zeta River, Montenegro. <i>Biologia</i> . 67, 222-233. https://doi.org/10.2478/s11756-011-0150-y	
Drugi mentor	1	Blöschl G., et al., Finger D.C. and et. al., 2019, Twenty-three unsolved problems in hydrology (UPH) - a community perspective. <i>Hydrological Science Journal</i> , 64 (10), 1141-1158. https://doi.org/10.1080/02626667.2019.1620507	

2	Finger, D., Vis, M., Huss, M. and Seibert, J. (2015). The value of multiple data set calibration versus model complexity for improving the performance of hydrological models in mountain catchments. <i>Water Resources Research</i> , 51(4), 1939–1958. https://doi.org/10.1002/2014WR015712
3	Finger, D., Schmid, M. and Wüest, A. (2006). Effects of upstream hydropower operation on riverine particle transport and turbidity in downstream lakes. <i>Water Resources Research</i> , 42(8), W08429. https://doi.org/10.1029/2005WR004751
4	McMillan, H., Montanari, A., Cudennec, C., Savenjie, H., et al., Finger D., et al. (2016). Panta Rhei 2013-2015: Global perspectives on hydrology, society and change. <i>Hydrological Sciences Journal</i> , 61(7), 1174-1191. https://doi.org/10.1080/02626667.2016.1159308
5	Finger, D., Bossard, P., Schmid, M., Jaun, L., Müller, B., Steiner, D., Schäffer, E., Zeh, M., and Wüest, A. (2007). Effects of alpine hydropower operations on primary production in a downstream lake. <i>Aquatic Sciences</i> . 69: 240-256. https://doi.org/10.1007/s00027-007-0873-6

PODACI O MAGISTRANDIMA I DOKTORANDIMA

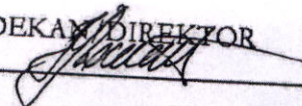
	Broj magistranada		Broj doktoranada	
	trenutno	ukupno	trenutno	Ukupno
Prvi mentor	2		3	
Drugi mentor	2		3	

Datum i ovjera (pečat i potpis odgovorne osobe)

U Podgorici,
30. 06. 2023.



DEKAN / DIREKTOR





Univerzitet Crne Gore
adresa / address: Cetinjska br. 2
81000 Podgorica, Crna Gora
telefon / phone: 00382 20 414 255
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mail: rektorat@ucg.me
web: www.ucg.ac.me
University of Montenegro

Broj / Ref: 53-92/14

Datum / Date: 05.07.2018

1206
05 07 2018

Na osnovu člana 72 stav 2 Zakona o visokom obrazovanju („Službeni list Crne Gore“ br. 44/14, 47/15, 40/16, 42/17, 71/17) i člana 32 stav 1 tačka 9 Statuta Univerziteta Crne Gore, Senat Univerziteta Crne Gore, na sjednici održanoj 03.07.2018.godine, donio je

**ODLUKU
O IZBORU U ZVANJE**

Dr **DANILO MRDAK** bira se u akademsko zvanje vanredni profesor Univerziteta Crne Gore za oblast Ihtiologija i Konzervaciona biologija na Prirodno-matematičkom fakultetu, na period od 5 godina.

**SENAT UNIVERZITETA CRNE GORE
PREDSJEDNIK**

Prof.dr Danilo Nikolić, rektor

BIOGRAFIJA

Prof. dr Danilo Mrdak

Rođen sam 01.07.1976. godine u tadašnjem Titogradu (Podgorica), gdje sam završio osnovnu («Sutjestka») i srednju školu (gimnazija »Slobodan Škerović«).

Školske 1995/96 godine upisao sam studije Biologije (Opšta Biologija, 9 semestara) na Biološkom fakultetu, Univerziteta u Beogradu gdje sam u septembru 2000. Godin diplomirao sa diplomskim radom „Ekološko upoređivanje zajednica riba u Sutomoru i u Ljutoj“ sa prosječnom ocjenom studiranja 9,27 i tako steako zvanje diplomiranog biologa.

Poslijediplomske studije upisao sam školske 2000/2001. godine na Biološkom fakultetu Univerziteta u Beogradu (smjer: Biologija izabranog taksona – *Pisces*, 6 semestara) i 2003. godine završio ih sa prosječnom ocjenom 10. Magistarsku tezu pod nazivom: “*Taksonomska i ekološka karakterizacija ihtiofaune infralitorala južnog Jadrana*” odbranio sam 15. 12. 2003. godine i stekao zvanje magistra bioloških nauka.

Doktorsku disertaciju pod nazivom: “Pastrmke (*Salmo L.*, 1758) rijeka Crne Gore – diverzitet, taksonomski status i filogenetski odnosi”, odbranio sam 01. 07. 2011. godine, na Biološkom fakultetu Univerziteta u Beogradu i stekao zvanje doktora bioloških nauka. Rješenje o priznavanju Uvjerenja o stečenom naučnom stepenu Doktora bioloških nauka izdato mi je od strane Ministarstvo prosvjete i sporta, Vlade Crne Gore, 14. septembra 2011. godine.

Studisjki boravci

Jun 2004 – Biotehnički fakultet, Laboratorija za Genetiku, Univerzitet u Ljubljani

April - Maj 2005 – Biotehnički fakultet, Laboratorija za Genetiku, Univerzitet u Ljubljani

Novembar 2005 – Biotehnički fakultet, Laboratorija za Genetiku, Univerzitet u Ljubljani

Jun- Jul 2006 – Hellenic Insititute for Marine Research

Novembar 2006 - Hellenic Institute for Marine Research

April 2008 – Institute of Zoology, Karl – Franzens University of Graz

Oktober 2009 - Institute of Zoology, Karl – Franzens University of Graz

April 2016 – Institute for fishery – Potsdam, Germany

Podaci o radnim mjestima i izborima u zvanja

- Od oktobra 2000. godine zasnovao sam radni odnos na Prirodno-matematičkom fakultetu u Podgorici (Studijski program Biologija), gdje sam marta 2001. godine izabran u zvanje saradnika u nastavi. U toku svog desetogodišnjeg staža asistirao sam u laboratorijskim vježbama i izvodio praktičnu nastavu na predmetima: *Biologija Mora, Ekologija životinja, Zoologija Invertebrata, Ekologija životinja I i II, Sistematika algi,*

gljiva i lišajeva, Krenobiologija, Ekologija populacija i Biocenologija a sve na akademskom i specijalističkom studijskom programu Biologija.

- U vremenskom intervalu 2006 – 2009 bio sam predstavnik saradnika u nastavi u sazivu Senata Univerziteta Crne Gore.
- 2012 godine u julu biram sa u zvanje Docneta za predmete: Konzervaciona biologija, Genetika populacija i Principi održivog razvoja
- 2013 – 2016 obavljao sam dužnost prodekana za međunarodnu saradnju i nauku na Prirodno-matematičkom fakultetu
- Od 2014 godine držim nastavu iz predmeta Osnovi prirodnih nauka I (Biologija sa ekologijom 9 na studijskom programu Obrazovanje učitelja – Filozofski fakultet kao i predmet Osnovi humane genetike na studijskom programu Psihologija – Filozofski fakultet.

2015-2016 obavljao sam dužnost V.D. rukovodioca studijskog programa Biologija na Prirodno-matematičkom fakultetu

BIBLIOGRAFIJA

2022 SCI, SCIE, SSCI, A&HCI

ČETKOVIĆ Ilija, PEŠIĆ Ana, IKICA Zdravko, MILOŠEVIĆ Dragana, MRDAK Danilo Occurrence of rare and endangered elasmobranchs in by-catch of Montenegrin fisheries (South-Eastern Adriatic Sea) CAHIERS DE BIOLOGIE MARINE

2022 SCOPUS

Milošević, D., Mrdak, D., Pešić, A., Ikica, Z., Kovačević, A. Migration waves and stage of pigmentation of glass eels from river Bojana (Montenegro) Agriculture and Forestry

2021 SCI, SCIE, SSCI, A&HCI

Dragana Milošević, Miljan Bigović, Danilo Mrdak, Ivana Milašević, Marina Piria Otolith morphology and microchemistry fingerprints of European eel, *Anguilla anguilla* (Linnaeus, 1758) stocks from the Adriatic Basin in Croatia and Montenegro Science of The Total Environment

2021 SCI, SCIE, SSCI, A&HCI

Marina Piria, Belma Kalamujić Stroil, Daniela Giannetto, Ali Serhan Tarkan, Ana Gavrilović, Ivan Špelić, Tena Radočaj, Nurçin Killi, Halit Filiz, Tuğba Uçma Uysal, Ceray Aldemir, Elvis Kamberi, Edmond Hala, Rigers Bakiu, Jerina Kolutari, Enkelejda Buda, Silvia Durmishaj Bakiu, Edlira Sadiku, Azra Bakrač, Emir Mujić, Subha Avdić, Nikos Doumpas, Ioannis Giovos, Irsida Dinoshi, Lejla Ušanović, Abdurahim Kalajdžić, Ana Pešić, Ilija Četković, Olivera Marković, Dragana Milošević, Danilo Mrdak, Gianluca Sará, Mar Bosch Belmar, Guillaume Marchessaux, Sasho Trajanovski, Konstantin Zdraveski An assessment of regulation, education practices and socio-economic perceptions of non-native aquatic species in the Balkans Journal of Vertebrate Biology

2018 SCI, SCIE, SSCI, A&HCI

Marina Piria, Predrag Simonović, Eleni Kalogianni, Leonidas Vardakas, Nicholas Koutsikos, Davor Zanella, Milica Ristovska, Apostolos Apostolou, Avdul Adrović, Danilo Mrdak, Ali Serhan Tarkan, Dragana Milošević, Linda N Zanella, Rigers Bakiu, F Güler Ekmekçi, Metka Povž, Kastriot Korro, Vera Nikolić, Rifat Škrijelj, Vasil Kostov, Andrej Gregori, Michael K Joy Alien freshwater fish species in the Balkans-Vectors and pathways of introduction Fish and Fisheries

2018 SCI, SCIE, SSCI, A&HCI

Jovan Ulićević, Danilo Mrdak, Trajče Talevski, Dragana Milošević Sexual dimorphism of European perch, *Perca fluviatilis*, Linnaeus, 1758 from Lake Skadar (Montenegro) based on morphometric characters Turkish Journal of Fisheries and Aquatic Sciences

2018 SCI, SCIE, SSCI, A&HCI

Danilo Mrdak, Michael Pietrock, Uwe Brämick, Predrag Simonović, Dragana Milošević Population traits and colonization success of non-native Eurasian perch (*Perca fluviatilis*) 35 years after its first appearance in the Mediterranean Lake Skadar Environmental Biology of Fishes

2018 SCI, SCIE, SSCI, A&HCI

Tamara KANJUH, Danilo MRDAK, Marina PIRIA, Tea TOMLJANOVIĆ Aleksandar JOKSIMOVIĆ, Trajče TALEVSKI and Dragana MILOŠEVIĆ Relationships of Otolith Dimension with Body Length of European Eel *Anguilla anguilla* (Linnaeus, 1758) from Adriatic catchment of Montenegro Acta Adriatica

2016 SCI, SCIE, SSCI, A&HCI

Filipović, L., Mrdak, D. & Krstajić, B. Performance evaluation of parallel DNA multigene sequence analysis Comptes rendus de l'Académie bulgare des sciences

2016 SCI, SCIE, SSCI, A&HCI

Milošević, D. and Mrdak, D. Length-weight relationship of nine fish species from Skadar Lake (Adriatic catchment area of Montenegro) Journal of Applied Ichthyology

2016 SCI, SCIE, SSCI, A&HCI

Tošić, A., Škraba, D., Nikolić, V., Čanak – Atlagić, J., Mrdak, D., Simonović, Haplotype diversity of brown trout *Salmo trutta* (L.) in the broader Iron Gate area. Turkish Journal of Zoology

2014 SCI, SCIE, SSCI, A&HCI

Simonović, P., Mrdak, D., Tošić, A., Škraba, D., Grujić, S., & V. Nikolić Effects of stocking with brood fish to management with resident stream dwelling brown trout *Salmo cf. trutta* stock Journal of Fisheries Sciences

2014 SCI, SCIE, SSCI, A&HCI

Tošić, A., Škraba, D., Nikolić, V., Mrdak, D. & P. Simonović New mitochondrial DNA haplotype of brown trout *Salmo trutta* L. from Crni Timok drainage area in Serbia Turkish Journal of Fisheries and Aquatic Sciences

2013 SCI, SCIE, SSCI, A&HCI

Simonović P., Tošić, A., Vassilev, M., Apostolou, A., Mrdak, D., Ristovska, M., Kostov, V., Nikolić, V., Škraba, D., Vilizzi, L. and G.H. Copp Risk

identification of non-native freshwater fishes in four countries of the Balkans region
using FISK Mediterranean Marine Science

2012 SCI, SCIE, SSCI, A&HCI

Mrdak D., Nikolić V., Tošić A., Simonović P Molecular and ecological
features of the soft-muzzled trout *Salmo obtusirostris* (Heckel, 1852) in the Zeta
River *Biologia*

2007 SCI, SCIE, SSCI, A&HCI

Sušnik, S., Snoj, A., Wilson, I.F., Mrdak, D., Weiss, S Historical
demography of brown trout (*Salmo trutta*) in the Adriatic drainage including the
putative endemic *S. letnica* of Lake Ohrid *Molecular Phylogenetics and Evolution*

2003 SCI, SCIE, SSCI, A&HCI

Bohlen J., Vendula Šlechtová V., Šanda R., Kalous L., Freyhof J., Vukić J. &
Mrdak D *Cobitis ohridana* and *Barbatula zetensis* in the River Moraca Basin,
Montenegro: distribution, Habitat, Population Structure and Conservation Needs
FOLIA BIOLOGICA



Reykjavik, July 14, 2023

To whom it may concern

Confirmation of Consideration for Promotion for Dr. David Christian Finger

I am writing to formally confirm that Dr. David Christian Finger is being considered for promotion to the rank of full professor at Reykjavik University (RU). Dr. David Christian Finger has demonstrated outstanding dedication, expertise, and significant contributions to their field, making them an excellent candidate for promotion.

Dr. David Christian Finger has been employed as a Assistant Professor at Reykjavik University continuously since January 2015. During his employment at RU Dr. David Christian Finger has published over 100 scientific publications (H-index: 27, 3278 citations), acquired international research projects in the field of sustainable energy development, complemented our teaching curriculum with sustainable engineering lectures and supervised over 30 BSc, MSc and Ph.D. projects. Furthermore, Dr. David Christian Finger has actively engaged in international research networks that facilitate international cooperation.

Based on the aforementioned accomplishments and qualities, we herewith confirm that Dr. David Christian Finger is currently being considered for promotion.

Yours sincerely,

Ólafur Eysteinn Sigurjónsson
Dean of the School of Technology
E-mail: oes@ru.is
<https://www.ru.is/haskolinn/starfsfolk/oes>
Háskólinn í Reykjavík | Reykjavik University
Menntavegur 1, Nauthólsvík | 101
Reykjavík | Iceland

Curriculum vitae

Personal information

Name Finger
First names David Christian
Date / place of birth 22.08.1974, Klagenfurt - Austria
Address Háagerði 25
108 Reykjavík
Iceland
E-mail fingerd@gmx.net (private)
Phone +354 617 95 17 (cell phone)
Nationality Austria (Swiss foreign residence permit: type C)
Personal webpage <http://fingerd.jimdo.com/>



Academic positions

03/2023 - present Vice President of the International Ecological Engineering Society;
<https://iees.ch/>

09/2014 - present Ass. Professor at **Reykjavík University**, Iceland; <https://www.ru.is/>

01/2018 – present EERA JP Hydropower, SP4 Vice-Coordinator: <https://www.eera-set.eu/component/projects/projects.html?id=47>

01/2015 – present IAHS Panta Rhei – Everything Flows, WG25, Chair:
<http://distart119.lng.unibo.it/pantarhei/sites/default/files/wg25.pdf>

02/2021 – 01/2023 Head of the department of technology at the Energy Institute at the Johannes Kepler University in Linz, Austria

08/2019 - 01/2021 Director of the Sustainability Institute and Forum (SIF) at **Reykjavík University**, Iceland; <https://en.ru.is/sif>

02/2014 - 02/2015 Water resources Expert at **Icelandic Met Office**, Reykjavík, Iceland
- Identifying new hydropower sites and quantifying their potential

03/2013 - 01/2014 50% research and teaching position at the Institute of Geography of the **University of Zurich**, Zurich, Switzerland
- Estimating snow- glacier and rain contribution in mountain streams
Superior: Prof. Dr. J. Seibert, +41(0)44 635 52 00; jan.seibert@geo.uzh.ch

01/2013 - 02/2014 50% **Freelance** environmental consultant and lecturer

02/2013 & 07/2013 Sabbatical at the **Soil Conservation Service of Iceland** (Landgræðsla ríkisins) in Gunnarsholt, Iceland: <http://rangarvellir.ru.is/>
Host: Director Sveinn Runólfsson, +354 488 3021; sveinn.runolfsson@land.is

05/2011 - 01/2013 Teaching and research assistant at the Institute of Geography of the **University of Berne**, Berne, Switzerland

Research:

- Elaboration of research projects investigating water resources to preserve ecosystem services in Switzerland, Kenya, and Nepal

Teaching:

- Supervision of master and bachelor theses
- Teaching of B.Sc. and M.Sc. courses

Superior: Prof. Dr. R. Weingartner, +41 (0)31 631 88 74;
rolf.weingartner@giub.unibe.ch

- 04/2009 - 04/2011 Postdoc at the Institute of Environmental Engineering of the **Swiss Federal Institute of Technology (ETHZ)**, Zurich, Switzerland
Research:
 - Hydrological modeling in the framework of the ACQWA project (EU 7th framework programme) and coordination of work package 3 of the project; Further information: <http://www.acqwa.ch/>
 - Coordination of automatic weather station deployments within the Swiss Experiment Project; Further information: <http://www.swiss-experiment.ch/index.php/APUNCH:Home>
 Superior: Prof. Dr. P. Burlando (ETHZ), +41 (0)44 633 38 12; paolo.burlando@ifu.baug.ethz.ch
Teaching:
 - Supervision of M.Sc. and B.Sc. theses
 - Teaching of the Computer and Science laboratory course (M.Sc. course at ETHZ)
 Associate: Daniel Braun (ETHZ), +41 (0)44 633 24 54; daniel.braun@stab.baug.ethz.ch
- 07/2007 - 10/2007 SNF-Research fellowship at the **Tahoe Center for Environmental Sciences – (UC Davis)**, California, USA
 - Modeling of primary production in Lake Tahoe
 Further information: <http://terc.ucdavis.edu/tces.html>
 Group leader: Prof. Dr. G. Schladow (UC Davis), +1 (530) 752 69 32; gschladow@ucdavis.edu
- 10/2006 – 05/2007 Postdoc at **Swiss Federal Institute of Aquatic Science and Technology (Eawag)**, Kastanienbaum, Switzerland
 - Modeling primary production in Lake Lucerne
 Associate: Dr. P. Bossard (Eawag);
- 10/2002 – 09/2006 **Ph.D. at EAWAG** Kastanienbaum (Dr. sc. nat., ETH Zürich) awarded by an ETH jury with the **Otto Jaag prize 2007**
 - Research topic: Effects of catchment alterations on internal processes in Lake Brienz
 - Teaching assistance at ETH Zurich
 - Supervision of three M.Sc. theses
 Further Information:
<http://www.eawag.ch/organisation/abteilungen/surf/brienzersee/>
 Ph.D. supervisor: Prof. Dr. A. Wüest (Eawag), +41 (0)58 765 2181 ; alfred.wueest@eawag.ch
- 04/2002 **Diploma** (equivalent to a Master of Science degree) in environmental sciences, (ETH Zurich), Switzerland
 Research topic: Deepwater renewal in Lake Issyk-Kul, Kirgistan
 Supervisor: Dr. R. Kipfer (Eawag), +41 (0)58 765 5530; rolf.kipfer@eawag.ch

Editorial tasks

Co-chair of EGU Soil System Science subsection 9: Soil, Environment, and Ecosystem Interactions: <https://www.egu.eu/sss/structure/>

Member of the editorial board of Hungarian Agricultural Engineering

Guest editor for Land Degradation & Development (LDD; Impact Factor: 8.145)

Guest editor for MDPI resources (CiteScore 2018 (Scopus): 2.60, which equals rank 19/124 (Q1))

Review Editor for Cryospheric Sciences in the journal Frontiers in Earth Science

Reviewer for the following journals: Water Resources Research, HESS, Aquatic Sciences, Limnologia, Journal of Environmental Management, Mountain Research and Development, The Science of the Total Environment (STOTEN)

Services to the European Commission

ERIG	Austrian representative at the <u>European Research Institute for Gas and Energy Innovation</u>
EERA-set	Vice-coordinator of EERA-set Hydropower "SP4: Environmental Impacts and Climate Adaptation" https://www.eera-set.eu/eera-joint-programmes-ips/list-of-ips/hydropower/
Expert	Horizon 2020 proposals evaluation
Cost Action	MC Member of CostAction CA21104, Pan-European Network for Sustainable Hydropower (PEN@Hydropower)
Cost Action	MC Member of CostAction CA20109, Modular energy islands for sustainability and resilience
Cost Action	MC Member of CostAction CA17133, Implementing nature-based solutions for creating a resourceful circular city
Cost Action	MC Member of CostAction CA16229, European Network for Environmental Citizenship (ENEC)
Cost Action	MC Member of CostAction CA16209, Natural Flood Retention on Private Land (Land4Floods)
Cost Action	MC Member of CostAction ES1303, Towards operational ground-based profiling with cellometers, doppler lidars and microwave radiometers for improving weather forecasts (TOPROF)
Cost Action	MC Member of ESSEM COST Action ES1306, Connecting European connectivity research
Cost Action	MC Member of ESSEM COST Action ES1104, Arid Lands Restoration and Combat of Desertification: Setting Up a Drylands and Desert Restoration Hub

Awards, Grants, and Fellowships

- H-HOPE (2022 - 2026) Hidden Hydro Oscillating Power for Europe, Horizon Project on energy harvesting in water infrastructure
- DIWIEN (2022 -2024) Digitalization of water supply infrastructure to optimize the Water-Energy Nexus
- Horizon 2020 Project (ongoing) together with my team at the Energy institute at the Johannes Kepler University we are coordinating over 20 ongoing Horizon 2020 project
- H2CoopStorage project (2020-2023) H2 Coopstorage aims to develop methodological and software tools enabling the deployment and management of a multi-energy EC integrating a hybrid solution of electric and hydrogen storage, in a collective self-consumption context
- Nordic Snow Network (2020-2023) Making existing Nordic-Arctic research and snow data from observations and models visible for the researcher, data user and education communities.
- Erasmus+ Grant (2020-2023) Development of a research and teaching collaboration between Metropolitan University of Tokyo (Japan), Himalayan University Consortium (Nepal), Banja Luka University (Bosnia), Alpen Adria University (Austria) and Reykjavik University (Iceland) on development of sustainable hydropower and geothermal energy production.
- Erasmus+ Grant (2017-2020) Development of a research and teaching collaboration between Metropolitan University of Tokyo (Japan), Himalayan University Consortium (Nepal), Belgrade University (Serbia), Alpen Adria University (Austria) and Reykjavik University (Iceland) on water resources research.
- EEA grant (2016 – 2020) Low carbon economy: aiming for carbon neutrality in 2050? (LowCarbGroup); an EEA project on research and teaching exchange between Hungary and Iceland.
- ISAVIA grant (2016 – 2020) The value of Lidar data in enhancing weather observations in Iceland, a 3 year Ph.D. project funded by the Icelandic aviation service provider ISAVIA.

EEA grant (2015 - 2017) East and South European Network for Invasive Alien Species – a tool to support the management of alien species in Bulgaria (ESENIAS-TOOLS); an EEA project involving 18 European partners.

Finger D. and Þórrsson J. (2015) Development of a metadatabase for land degradation and restoration projects, joint STSM at the SCSU and RU, funded by the European COST Action ES1104, <http://rangarvellir.ru.is/>

Crochet P., Þórarinsdóttir T. and **D. Finger** (2014) Stream forecast in selected Icelandic rivers, Icelandic Meteorological Office. Funded by Landsvirkjun.

Finger, D. (2013). Berechnung des Hochwasservolumens und des Schnee-, Gletscher- und Regenwassers im Abfluss der Rhone bei Gletsch. Financed by KWO Grimselstrom.

Finger, D. (2007). Effects of decreasing water clarity and global warming on primary production in Lake Tahoe. Swiss National Science Foundation (SNE). Individual short visits and exchange programs.

Finger, D. (2007). Auswirkungen des Grimselsee- Ausbaus auf den Schwebstoffhaushalt und auf die Primärproduktion des Brienzsees. Financed by KWO Grimselstrom.

Otto Jaag Water Protection Prize (2007) for an outstanding dissertations thesis in the field of water protection/hydrology at the ETH Zurich

Finger, D. (2001). Financial support for fieldwork in Kirgizstan in the framework of a M.Sc. thesis. Huber-Kundlich-Stiftung.

Undergraduate studies

- 10/1998 -03/2002 Focused studies in environmental physics and aquatic systems, **ETH Zurich**
- Technical blocks attended: - Energy systems
- Forestry and ecology
- Social science block attended: - Psychology
- 10/1995 -07/1998 Studies in environmental sciences, **ETH Zurich**
- 10/1994 -07/1995 Studies in mechanical engineering, **ETH Zurich**
- 03/1991 -07/1994 Secondary School graduation, **Collège Calvin**, Geneva, Switzerland
- 03/1987 -12/1990 **Somerville High School**, Boston, USA

Work experience

- 01/2013 -12/2013 Freelancer for the **Kraftwerke Oberhasli**, Bern
- Assessment of snowmelt, glacier melt and local precipitation within a small mountain catchment
Webpage: <http://www.kwo.ch/>
- July 2011 Scientific visitor at International Centre for Integrated Mountain Development (**ICIMOD**) in Kathmandu, Nepal
- Elaboration of potential joint research and development projects
Webpage: <http://www.icimod.org/>
Contact: Dr. S. Eklabya; esharma@icimod.org
- March 2010 Instructor at an **ICIMOD** workshop on "Snow and Glacier Runoff Modelling in the Indus Basin", 8 – 12 March 2010, Islamabad, Pakistan
- Instructor for 30 participants
Webpage: <http://www.icimod.org/>
Contact: Dr. A. Shrestha; ashrestha@icimod.org
- 11/2007 - 03/2009 Research associate at **INFRAS AG**, Bern
- Assessments of traffic emissions
- Numerical modeling of pollutants in the air
Webpage: <http://www.infras.ch/e/>
Superior: M. Keller;
- 03/2007 -06/2007 Freelancer for the **Kraftwerke Oberhasli**, Bern
- Assessment of effects of future hydropower facilities on the ecology of downstream lakes
Webpage: <http://www.kwo.ch/>

- 06/2002 -08/2002 Research assistant at the **Swiss ornithological station**
 - Mapping of land use using GPS technology
 Homepage: <http://www.vogelwarte.ch/>
 Supervisor: Dr. M. Spiess;
- 04/2001 -08/2001 Internship at **Simultec AG**, Zurich
 - Modeling of water regime in an industrial waste disposal site
 - Simulation of Air dispersion with the CALPUFF/CALMET model
 - Elaboration of an internal tutorial
 - Homepage: <http://www.simultec.ch/>
 Supervisor: Dr. U. Spring;
- 10/1999 -02/2000 Volunteer work for **Selva Viva** in the Amazonian rainforest, Ecuador
 - Analysis of environmental impacts of the Liana Lodge
 - Implementation of an environmental management system
 - Environmental education for local workers
 - Homepage: <http://www.amazonico.org/>
- 06/1997 -08/1997 Internship in civil engineering, **ETH Zurich**
 - Rack- and bend experiments with different types of wood
 - Bend experiments with wooden plates
- 08/1995 -06/1996 Tele operator at **Telecom PTT**, Zurich

Peer-reviewed publications

Complete list see: <https://fingerd.jimdo.com/publications/>

Or: <https://scholar.google.com/citations?user=wg9tFokAAAAJ&hl=de&oi=ao>

Selected publications:

- Blöschl G., et al., **Finger D.C.** and et. al., 2019, Twenty-three unsolved problems in hydrology (UPH) - a community perspective. *Hydrological Science Journal.*, doi.org/10.1080/02626667.2019.1620507
- Finger D.** (2018) The value of satellite retrieved snow cover images to assess water resources and the theoretical hydropower potential in ungauged mountain catchments, *Jökull*, 68, 47-66.
- Keesstra, S., Nunes, J., Novara, A., **Finger, D.**, Avelar, D., Kalantari, Z. and A. Cerdà (2018). The superior effect of nature-based solutions in land management for enhancing ecosystem services, *Science of The Total Environment*, 610, 997-1009. doi: 10.1016/j.scitotenv.2017.08.077
- Finger, D.**, Vis, M., Huss, M. and J. Seibert (2015). The value of data availability versus model complexity for estimating snow, glacier and rain contribution to runoff in mountain streams. *Water Resour. Res.*, 51, doi:10.1002/2014WR015712.
- Finger, D.**, Wüest, A. and P., Bossard (2013). Effects of oligotrophication on primary production in perialpine lakes. *Water Resour. Res.*, 49, 1-11, doi: 10.1029/wrcr.20355.
- Finger, D.**, A. Hugentobler, M. Huss, A. Voinesco, H.R. Wernli, D. Fischer, E. Weber, P-Y. Jeannin, M. Kauzlaric, A. Wirz, T. Vennemann, F. Hüsler, B. Schädler, and R. Weingartner (2013). Identification of glacial melt water runoff in a karstic environment and its implication for present and future water availability. *Hydrol. Earth Syst. Sci.* 17, 3261-3277, doi: 10.5194/hess-17-3261-2013.
- Finger, D.**, Heinrich, G., Gobiet and A., Bauder (2012). Projections of future water resources and their uncertainty in a glacierized catchment in the Swiss Alps and the subsequent effects on hydropower production during the 21st century, *Water Resour. Res.*, 48, W02521, doi:10.1029/2011WR010733.
- Finger, D.**, F. Pellicciotti, M. Konz, S. Rimkus, and P. Burlando (2011), The value of glacier mass balance, satellite snow cover images, and hourly discharge for improving the performance of a physically based distributed hydrological model, *Water Resour. Res.*, 47, W07519, doi:10.1029/2010WR009824.
- Finger, D.**, M. Schmid, and A. Wüest (2007), Comparing effects of oligotrophication and upstream hydropower dams on plankton and productivity in perialpine lakes, *Water Resour. Res.*, 43, W12404, doi:10.1029/2007WR005868.
- Finger, D.**, P. Bossard, M. Schmid, L. Jaun, B. Müller, D. Steiner, E. Schäffer, M. Zeh, and A. Wüest (2007). Effects of alpine hydropower operations on primary production in a downstream lake. *Aquatic Sciences*. 69: 240-256, doi:10.1007/s00027-007-0873-6.

Finger, D., M. Schmid, and A. Wüest (2006). Effects of upstream hydropower operation on riverine particle transport and turbidity in downstream lakes. *Water Resour. Res.* **42**, W08429, doi: 10.1029/2005WR004751.

Peeters, F., D. Finger, M. Hofer, M. Brennwald, D.M. Livingstone, and R. Kipfer (2002). Deep-water renewal in Lake Issyk-Kul driven by differential cooling. *Limnol. Oceanogr.*, **48**(4): 1419-1431.

International Conferences

See the complete list here: <https://fingerd.jimdo.com/publications/>

Supervision of Ph.D., M.Sc. and B.Sc.-students

See the complete list here: <https://fingerd.jimdo.com/teaching/supervision-of-students/>

Teaching

- Since 2014
- MSc course on **Environmental Impact Assessment** (6 credit)
 - MSc course on **Environmental Engineering** (8 credit)
 - Summer school field excursion within **Iceland School of energy** (6 credit)
 - all courses are held at Reykjavik University
 - <https://fingerd.jimdo.com/teaching/>
 - Responsibility: Asst. Prof.
- 04/2014
- Co-lecturing** geography course "Water resources and climate change", at the Land Restoration Training Program of the United Nation University
 - <http://www.unulrt.is/>
 - Responsibility: lecturer
 - Material: PowerPoint presentation
 - Level: M.Sc. level
- 10/2013
- Co-lecturing** geography course "Thinking Geographically GEO 410.1 - Risk and Uncertainty in a Changing Climate - The future of hydropower production in Switzerland", University of Zurich
 - Responsibility: lecturer
 - Material: PowerPoint presentation
 - Level: M.Sc. level
- 10/2013
- Co-organizer** of a one-week environmental education fall camp at the "Amis des enfants de Bienne" association, Freelance
 - <http://www.kinderfreunde-biel.ch/>
 - Responsibility: Co-leader
 - Material: outdoor equipment for simple field investigations
 - Level: elementary school
- 08/2013
- Co-lecturing** at GLOBE-SWISS summer course on glacio-hydrology incl. field expedition entitled "Ewiger Schnee" (Eternal Snow), Freelance
 - http://www.globe-swiss.ch/de/Uber_GLOBE/Ausbildung/
 - Responsibility: lecturer
 - Material: PowerPoint presentation and field excursion
 - Level: High school teachers
- 05/2011 – 01/2013
- **Lecturer at summer school** 2011 and 2012 of ETH Zurich entitled "The potential of stochastic multi-variable model calibration in hydrological modeling"
 - Responsibility: lecturer
 - Material: PowerPoint presentation
 - Level: M.Sc. of advanced science (postgraduate - after M.Sc.)
 - **1-Week hydrology block course** with ~30 students entitled: "Hydrological field investigations"
 - Responsibility: organization, selection of field sites, the content of week and coordination with 4 fellow lecturers
 - Material: material for discharge measurements, water sampling, boat for sampling
 - Level: M.Sc. level
 - **Introductory field excursions to geographic interesting field sites** with ~90 students entitled: "Introductory excursion to the Emmental, a typical Swiss peris alpine valley"

Responsibility: execution
Material: maps, script
Level: B.Sc. level

- **Introductory lecture** with ~90 students entitled "Introduction to limnology"
Responsibility: the content of the lecture and exercises
Material: PowerPoint presentation, computer, data
Level: B.Sc. level

04/2009 – 04/2011

- **Instructor at an ICIMOD workshop** on "Snow and Glacier Runoff Modelling in the Indus Basin" for ~30 local experts, 8 – 12 March 2010, Islamabad, Pakistan, <http://www.icimod.org/?q=651>
Responsibility: content of lecture and exercises
Material: PowerPoint presentation, computer, data
Level: postgraduate (after M.Sc.)

- **2-week hydrology laboratory course** including field excursion with field experiments (discharge measurements and water quality measurements) in an alpine study site for ~20 students
Responsibility: initiation, organization, selection of field sites and content of the week
Material: material for discharge measurements, water sampling, boat for sampling
Level: M.Sc. level

10/2006 – 05/2007

Assistant at 1-week experimental fieldwork on Lake Lucerne with ~20 students entitled: "Introduction to limnology field investigations"

10/2002 – 09/2006

- **Teaching assistance** at ETH Zurich

Languages

German	Mother Tongue
English	written & oral: excellent - Three years of High School in the US, current language at working site
French	written: fair, oral: excellent - High school graduation in Geneva, the current language spoken in private life
Spanish	written & oral: basic knowledge - Internship in Ecuador
Icelandic	Beginner

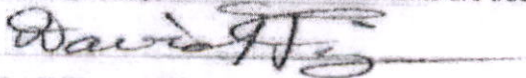
Computer skills

MS Office, ArcGis, ArcMap, Origin, Surf, Endnote	good knowledge
Matlab, Fortran	good knowledge

Hobbies

Sailing: Swiss boat driving permit (cat. A and D);
Soccer: 2003 - 2007: FC Horw; 2007 – 2009 & 2011: SC Holligen 94, 2012 - 2013: Aebersold;
Diving: PADI certificate

I hereby *certify* that the above statements are true and accurate.



David Finger, Dr. sc. nat.

Peer reviewed publications:

- Blöschl G., et.al., Finger D.C. and et. al., 2019, Twenty-three unsolved problems in hydrology (UPH) - a community perspective. *Hydrological Science Journal*, doi.org/10.1080/02626667.2019.1620507
- Keesstra S.D., Bagarello V., Ferro V., Finger D. and A.J. Parsons (2019) Connectivity in hydrology and sediment dynamics, LDD, Editorial for the Special Issue in Land Degradation and Development on Water and Sediment Connectivity. doi: 10.1002/ldr.3401
- Đorđević D.S., Tosic I., Sakan S., Petrovic S., Đuricic-Milankovic J., Finger D.C. and P. Dagsson-Waldhauserova, 2019, Can volcanic dust resuspended from surface soil and deserts of Iceland be transferred to central Balkan? *Front. Earth Sci.*, doi: 10.3389/feart.2019.00142
- Helmert J., Sorman S. A., Montero R.A., de Michele C., de Rosnay P., Dumont M., Finger D., Lange M., Picard G., Potopová V., Pullen S., Vikhamar-Schuler D. and A.N. Arslan (2018) Review of snow data assimilation methods for hydrological, land surface, meteorological and climate models: Results from a COST HarmoSnow survey. *Geosciences*, 8(489), 1-22, doi:10.3390/geosciences8120489
- Finger D. (2018) The value of satellite retrieved snow cover images to assess water resources and the theoretical hydropower potential in ungauged mountain catchments, *Jökull*, 68, 47-66. doi.org/10.33799/jokull.2018.68.047
- Leppänen L., Lopez Moreno J.I., Gillemot K., Luks B., Holko L., Arslan A.N., Azzoni R., Dagsson-Waldhauserova P., Finger D., Marty C., Sanmiguel-Vallelado A., Sensoy A., Soncini A., A. Sorman (2018) Manual SWE instrument comparison in COST Action HarmoSnow field campaigns, in *European Snow Booklet, ESSEM COST Action ES1404*, Brussels, Belgium.
- Helmert J., Sensoy A., de Rosnay P., Lange M., Finger D.C., Potopová V., Kurzeneva E., Pulido Velazquez D., Vikhamar-Schuler D., Pullen S., Dumont M., de Michele C., Salgado R., Shevnina E., Derkova M., and A.N. Arslan (2018) Snow data assimilation and evaluation methods for hydrological, land surface, meteorological and climate models - A COST HarmoSnow assessment survey, in *European Snow Booklet, ESSEM COST Action ES1404*, Brussels, Belgium.
- Keesstra S., Nunes J., Novara A., Finger D., Avelar D., Kalantari Z. and A. Cerdà (2018). The superior effect of nature based solutions in land management for enhancing ecosystem services, *Science of The Total Environment*, 610, 997-1009. doi: 10.1016/j.scitotenv.2017.08.077
- Nunes J. P., Wainwright J., Bielders C. L., Darboux F., Fiener P., Finger D., and Turnbull, L. (2017) Better models are more effectively connected models. *Earth Surf. Process. Landforms*, doi: 10.1002/esp.4323. <http://onlinelibrary.wiley.com/doi/10.1002/esp.4323/abstract>
- Etter S., Addor N., Huss M. and D. Finger (2017) Climate change impacts on future snow, ice and rain runoff in a Swiss mountain catchment using multi-dataset calibration, *Journal of Hydrology: Regional Studies*, 13, 222-239, <http://dx.doi.org/10.1016/j.ejrh.2017.08.005>.
- Ognjanova-Rumenova N., Jónsson I., Čypaitė V., Ólafsson J, Finger D and T. Trichkova (2017). Valve ultrastructure of *Didymosphenia geminata* (Lyngbye) M. Schmidt: an invasive diatom species in running waters of Iceland. *Acta zool. bulg.*, (9) 21-28.
- Jónsson I. R., Ognjanova-Rumenova N., Cypaite V., Ólafsson J. S. , Jónsson G. S. and D. Finger (2017). The invasive diatom *Didymosphenia geminata* in Iceland. In: Trichkova T., Uludag A., Zenetos A., Vladimirov V., Tomov R. Cogañiceanu D. & Duplic A. (Eds.) 2017. ESENIAS Scientific Reports 2. East and South European Network for Invasive Alien Species – A tool to support the management of alien species in Bulgaria (ESENIAS-TOOLS). IBER-BAS, ESENIAS,

Sofia, Bulgaria. ISBN 978-954-9746-44-0; Available at: <http://www.esenias.org>

- McMillan H., Montanari A., Cudennec C., Savenjie H., et al., Finger D., et al. (2016). *Panta Rhei 2013-2015: Global perspectives on hydrology, society and change*. *Hydrological Sciences Journal*, 61(7), 1174-1191, doi:10.1080/02626667.2016.1159308.
- Finger D., Vis M., Huss M. and J. Seibert (2015). The value of multiple data set calibration versus model complexity for improving the performance of hydrological models in mountain catchments. *Water Resour. Res.*, 51, doi:10.1002/2014WR015712.
- Finger D., Wüest A. and P. Bossard (2013). Effects of oligotrophication on primary production in peri-alpine lakes. *Water Resour. Res.*, 49, 1-11, doi: 10.1029/wrcr.20355.
- Finger D., Hugentobler A., Huss M., Voinesco A., Wernli H.R., Fischer D., Weber E., Jeannin P-Y., Kauzlaric M., Wirz A., Vennemann T., Hüsler F., Schädler B., and R. Weingartner (2013). Identification of glacial melt water runoff in a karstic environment and its implication for present and future water availability. *Hydrol. Earth Syst. Sci.* 17, 3261-3277, doi: 10.5194/hess-17-3261-2013.
- Finger D., Heinrich G., Gobiet and A. Bauder (2012). Projections of future water resources and their uncertainty in a glacierized catchment in the Swiss Alps and the subsequent effects on hydropower production during the 21st century, *Water Resour. Res.*, 48, W02521, doi:10.1029/2011WR010733.
- Finger D., Pellicciotti F., Konz M., Rimkus S. and P. Burlando (2011), The value of glacier mass balance, satellite snow cover images, and hourly discharge for improving the performance of a physically based distributed hydrological model, *Water Resour. Res.*, 47, W07519, doi:10.1029/2010WR009824.
- Finger D., Schmid M., and A. Wüest (2007), Comparing effects of oligotrophication and upstream hydropower dams on plankton and productivity in perialpine lakes, *Water Resour. Res.*, 43, W12404, doi:10.1029/2007WR005868.
- Finger D., Bossard P., Schmid M., Jaun L., Müller B., Steiner D., Schäffer E., Zeh M., and A. Wüest (2007). Effects of alpine hydropower operations on primary production in a downstream lake. *Aquatic Sciences*. 69: 240-256, doi:10.1007/s00027-007-0873-6.
- Finger D., Schmid M. and A. Wüest (2006). Effects of upstream hydropower operation on riverine particle transport and turbidity in downstream lakes. *Water Resour. Res.* 42, W08429, doi: 10.1029/2005WR004751.
- Jaun L., Finger D., Zeh M., Schurter M. and A. Wüest (2007). Effects of upstream hydropower operation and oligotrophication on the light regime of a turbid peri-alpine lake. *Aquatic Sciences*, 69, doi: 10.1007/s00027-007-0876-3
- Müller B., Finger D., Sturm M., Prasuhn V., Haltmeier T., Bossard P., Hoyle C. and A. Wüest (2007). Present and past bio-available phosphorus budget in the ultra-oligotrophic Lake Brienz. *Aquatic Sciences*, 69, doi: 10.1007/s00027-007-0871-8
- Anselmetti F., Bühler R., Finger D., Girardclos S., Lancini A., Rellstab C. and M. Sturm (2007). Effects of Alpine hydropower dams on particle transport and lacustrine sedimentation. *Aquatic Sciences*, 69, doi: 10.1007/s00027-007-0875-4
- Peeters F., Finger D., Hofer M., Brennwald M., Livingstone D.M. and R. Kipfer (2002). Deep-water renewal in Lake Issyk-Kul driven by differential cooling. *Limnol. Oceanogr.*, 48(4): 1419-1431.

International Conference Contributions:

2019

- Finger D.C., Hermanská M., Halbac-Cotoara-Zamfir R., Petkovic I., and D Đorđević (2019) The challenges for geothermal energy development in the Balkan countries: examples from Romania and Serbia, Vol. 21, EGU2019, Vienna, Austria.
- Asbjornsson E.J., Petkovic I., Đorđević D., Mihajlić-Zelić A., Sakan S., Hermanska M., and D.C. Finger (2019) Characterisation of the chemical composition in geothermal hot springs in Iceland and Serbia, Vol. 21, EGU2019, Vienna, Austria.
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Dejan Lučić

From: Masa Jovanovic <masha.jov@gmail.com>
Sent: 30 June 2023 13:38
To: Dejan Lučić
Subject: Fwd: Electronic signature here please! Thankss

----- Forwarded message -----

From: Ólafur Eysteinn Sigurjónsson <oes@ru.is>
Date: Fri, 30 Jun 2023 at 13:26
Subject: RE: Electronic signature here please! Thankss
To: David Christian Finger <davidf@ru.is>, Masa Jovanovic <masha.jov@gmail.com>
Cc: Ágúst Valfells <av@ru.is>, Ármann Gylfason <armann@ru.is>

I can confirm that David Fingers promotion request is in process within the department of engineering.

Best wishes

Ólafur

Ólafur Eysteinn Sigurjónsson

Forseti | Dean

Prófessor | Professor

Tæknisvið | School of Technology

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From: David Christian Finger
Sent: föstudagur, 30. júní 2023 11:12
To: Masa Jovanovic <masha.jov@gmail.com>
Cc: Ólafur Eysteinn Sigurjónsson <oes@ru.is>; Ágúst Valfells <av@ru.is>; Ármann Gylfason <armann@ru.is>
Subject: RE: Electronic signature here please! Thankss

Hi Masha,

Thank you for considering me as mentor for you PhD project. I do believe that this can enhance the collaboration between University of Montenegro and Reykjavik University and lead to a valuable collaboration between Montenegro and Iceland in sustainable energy production.

Attached is the signed document. The university is currently reviewing my promotion to professor. Ólafur Eysteinn Sigurjónsson (in cc), dean of the school of engineering, can confirm and provide information on the promotion process.

Kind regards,

David

From: Masa Jovanovic <masha.jov@gmail.com>
Sent: Friday, June 30, 2023 12:44 PM
To: David Christian Finger <davidf@ru.is>
Subject: Fwd: Electronic signature here please! Thankss

Electronic signature here

----- Forwarded message -----

From: Masa Jovanovic <masha.jov@gmail.com>
Date: Fri, 30 Jun 2023 at 12:24
Subject: Fwd: Electronic signature here please! Thankss
To: David Christian Finger <davidf@ru.is>

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From: Dr Copy 2 <drcopy02@gmail.com>