



**EUPASS**  
Curriculum Vitae

# IRINA MANEVSKA

ASSISTANT, MScI of Fishery

## PROFILE

FAMILY NAME **Manevska**  
FIRST NAME **Irina**  
DATE OF BIRTH 01.08.1975  
PASSPORT HOLDER Macedonian

## CONTACT

PHONE:  
+389 70 237 669

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irinamanevska@yahoo.com

## WORK

Assistant

NAME OF INSTITUTION:  
Institute of Animal Sciences and  
Fishery-Skopje  
University "St. Cyril and  
Methodius"

DEPARTMENT:  
Fishery department

## EDUCATION

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**2023/2024 Phd student at Institute of Animal Sciences and  
Fishery University Ss. Cyril and Methodius in Skopje.**  
**Study Programme: Fishery**

### **MScI in Fishery**

**Title:** *"Influence of probiotics on commercial characteristics and  
meat quality in carp (Cyprinus carpio L.), reared in intensive  
cage culture system"*

**Institute of Animal Sciences and Fishery, University "St.  
Cyril and Methodius"-Skopje**

### **BSci in animal husbandry**

**Title:** *"Calculations in sheep production farm"*

**Faculty of agricultural sciences and food, University "Ss.  
Cyril and Methodius"- Skopje**

### **BSci in animal biotechnology**

**Title:** *"Traditional rearing technology of bees in RNM"*

**Faculty of agricultural sciences and food, University "Ss.  
Cyril and Methodius"- Skopje**

**ADDRESS:**

Bul.Ilinden 92a, 1000, Skopje

**PRESENT POSITION:**

Assistant (PhD candidate)

**YEARS WITHIN Institute of  
Animal Science and Fishery:**

Since April 2007 to date

**KEY QUALIFICATIONS**

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- Almost 18 years of general professional experience in fishery and aquaculture;
- 2023: CERTIFICATE OF COMPLETION of 30 ECTS. INSTITUTE FOR COMMUNICATING STUDIES. PROGRAMME-ENVIRONMENTAL COMMUNICATION in following topics:
  - National geography in warming regions
  - Communicating in age of ecological crises
  - Covering environmental topics and attracting audiences
  - Social marketing and environmental advocacy campaigns
  - Public participation and conflict resolution in environmental decisions.
- Gained knowledge of freshwater fish production, fishery management, fish production aquaculture systems, meat quality, fish nutrition and ichthyology.
- Knowledge on EU Nature Directives and Water Framework Directive;
- Experience obtained in projects in valorisation studies related to nature protection;
- 10 years of experience in field work and assessment of the ichthyofauna population and ecology of fish species;
- Participation of preparation of scientific studies, Monitoring plan and protocols and Conservation Action Plans.

**SPECIFIC EXPERIENCE IN THE REGION**

- Country: Republic of North Macedonia
- Date: 2007 to date

**COMPUTER SKILLS**

- Microsoft Office
  - Presentation software (PowerPoint)
  - Spreadsheets (Excel, Google Spreadsheets)
  - Databases
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| LANGUAGE SKILLS (1 – excellent, 5 – basic) |         |          |         |
|--|---------|----------|---------|
| Language                                   | Reading | Speaking | Writing |
| Macedonian                                 | 1       | 1        | 1       |
| English                                    | 1       | 1        | 1       |
| Serbian                                    | 1       | 1        | 1       |

## OTHER RELEVANT INFORMATION

### Publications:

1. Vasil Kostov, Milica Ristovska, Irina Ushlinovska (2011): Ichthyofauna of Kadina River (Republic of Macedonia) - Composition, Abundance and Longitudinal Distribution, Conference on water observation and information system for decision support, 2011. Ohrid.
2. Vasil Kostov, Rodne Nastova, Natasha Gjorgovska, Irina Ushlinovska, Julijana Arsovska, Milica Ristovska (2015). First record of common bream *Abramis brama* (Linnaeus, 1758), introduced to the Vardar river basin, R. Macedonia.. Macedonian Journal of Animal Sciences, Vol. 5 No 2 pp. 113-118. <http://www.mjas.ukim.edu.mk/files/MJAS-05-2-2015-207-Kostov.pdf>
3. Arsovska, J., Ristovska, M., Kostov, K., Slavevska-Stamenkovic, V., Hinikj, J., Manevska, I. (2018): Application of osteological characters of postcranial skeleton in taxonomic distinction of the gudgeon species from R. Macedonia. Biosfera, Second Biological Sciences Students' Conference, September, 2018. Ljubljana, Slovenia.
4. Kostov V., Manevska I., Arsovska J., Manasievska Simić S. (2021). “Length-weight relationship and condition factor of the endangered and endemic Prespa trout (*Salmo peristericus* Karaman, 1938) from Leva River, Kranska River and Brajchinska River. Macedonian Journal of Animal Science, Vol. 11, No. 1–2, pp. 59–67. [http://www.mjas.ukim.edu.mk/files/MJAS-11-1-2-\(2021\)-283-Kostov-Vasil.pdf](http://www.mjas.ukim.edu.mk/files/MJAS-11-1-2-(2021)-283-Kostov-Vasil.pdf)
5. Irina Manevska, Ivica Panchevski, Marija Kostova, Natalija Atanasova Panchevska, Vasil Kostov. (2024). “Influence of probiotic supplemented feed on growth rate in common carp (*Cyprinus carpio* L.) in intensive cage system”. Macedonian Journal of Animal Science. <http://www.mjas.ukim.edu.mk>
6. Manevska I., Pancevski I., Pancevska N., Arsovska J., Kostov V. (2024). Influence of

Probiotic Feed Addition on Common Carp (*Cyprinus carpio*) meat chemical composition”. Journal of Hygienic Engineering and Design. Vol.46 pp. 66-72.  
<https://keypublishing.org/jhed/wp-content/uploads/2024/03/02.-Full-paper-Irina-Manevska.pdf>.

7. [Manevska I.](#), Kostov V., Pancevski I. & Atanasova-Pancevska N. (2024). “Influence of dietary probiotic on welfare and feed conversion ratio on common carp (*Cyprinus carpio*) reared in intensive cage system”. <https://acta-zoologica-bulgarica.eu/supplement-20-2024/>.
8. Kostov V., [Manevska I.](#), Arsovska I., Velkova-Jordanoska L., Blazhekovikj-Dimovska D., & Stojanovski S. (2024). “Biological, ecological and taxonomic characteristics of the species *Pelagus minutus* (Karaman, 1924) from Belchishko Blato, Republic of North Macedonia” <https://acta-zoologica-bulgarica.eu/supplement-20-2024/>.

## PROFFESIONAL EXPERIENCE – SCIENTIFIC PROJECTS AND STUDIES

| Date from – Date to | Location | Project  | Company  | Position                    | Description  |
|---------------------|----------|--|--|-----------------------------|--|
| 2008 - 2010         | RNM      | "Revitalisation and reintroduction of Macedonian trout <i>Salmo macedonicus</i> (Karaman, 1924) in waters of R. Macedonia" | financed by Macedonian Fishing Federation and co-financed by Global Ecology Fund (GEF)<br>Corresponding person<br>Vasil Kostov<br><a href="mailto:inst.stoc.kostov@gmail.com">inst.stoc.kostov@gmail.com</a> | Senior laboratory assistant | Assisting collection of adult fish samples of Macedonian trout ( <i>fish species, present on EU Habitat Directives</i> ). Participation in the methods for fish breeding in aquaculture. Participation in preparation of Final Report. |

| Date from – Date to | Location | Project  | Company   | Position                    | Description  |
|---------------------|----------|--|---|-----------------------------|--|
| 2010                | RNM      | “Searching for <i>Zingel balcanicus</i> ”  | Macedonian Ecological Society (MES)<br>Corresponding person<br>Slavco Hristovski<br>hristovskis@gmail.com   | Senior laboratory assistant | Assisting in sampling, material processing, identification of fish species from Babuna River according to the WFD requirements<br>Assisting in selection of water bodies and habitats important for protection based on <i>EU Habitat Directives</i> .<br>Assisting in assessment and classification of the ecological status of the water bodies of the river Babuna regarding fish, according to the principles of the Water Framework Directive.<br>Participating in drafting Progress and Final Reports. |
| 2011/2012           | RNM      | “Genetic and morphological characterization of the trout’s from the genus <i>Salmo</i> in Republic of Macedonia” | financed by by University of “SS.Cyril and Methodius”<br>University in Skopje<br>Corresponding person<br>Vasil Kostov<br>( <a href="mailto:inst.stoc.kostov@gmail.com">inst.stoc.kostov@gmail.com</a> ) | Senior laboratory assistant | Assisting in collection of fish species from Genus <i>Salmo</i> (listed on <i>EU Habitat Directives</i> ) from different water ecosystems in R. Macedonia.<br>Participation in preparation of Final Report.  |

| Date from – Date to | Location | Project  | Company  | Position                    | Description  |
|---------------------|----------|--|--|-----------------------------|--|
| 2012                | RNM      | “Defining the ecological status of <i>Zingel balcanicus</i> (Karaman 1937)”  | financed by Macedonian Fishing Federation and co-financed by Global Ecology Fund (GEF)<br>Corresponding person<br>Vasil Kostov<br>vasilkostov@yahoo.com  | Senior laboratory assistant | Assisting in collection of the samples of <i>Zingel balcanicus</i><br>Assisting in assessment of the fish populations and classification of the ecological status of this endemic fish.<br>Participation in preparation of Final Report.                           |
| 2014/2015           | RNM      | “Ex-situ protection and reintroduction of <i>Zingel balcanicus</i> (Karaman, 1937) in the waters of R. Macedonia”                            | financed by Macedonian Fishing Federation and co-financed by Global Ecology Fund (GEF)<br>Corresponding person<br>Vasil Kostov<br><a href="mailto:inst.stoc.kostov@gmail.com">inst.stoc.kostov@gmail.com</a> | Senior laboratory assistant | Assisting in collection of adult fish samples of endemic fish <i>Zingel balcanicus</i> (endemic fish species, present on EU Habitat Directives).<br>Participation in the methods for fish breeding in aquaculture<br>Participation in preparation of Final Report. |
| 2015/2016           | RNM      | Working on a preparation of Fishing Management Plan (Fishing ground) for the waters in the Republic of Macedonia, on the period of 2017-2022 | Ministry of Agriculture, Forestry and Water Economy<br>Corresponding person<br>Vasil Kostov<br><a href="mailto:inst.stoc.kostov@gmail.com">inst.stoc.kostov@gmail.com</a>                                    | Senior laboratory assistant | Participation in the collection of literature data about fish distribution in rivers, reservoirs and lakes in R. Macedonia.  |

| Date from – Date to | Location | Project   | Company  | Position                    | Description  |
|---------------------|----------|---|--|-----------------------------|--|
| 2015                | RNM      | “Developing capacities for sustainability of Dojran Lake”   | Regional Environmental Center (REC) Macedonia<br>Corresponding person<br>Katarina Georgievska<br>kgeorgievska@rec.org  | Senior laboratory assistant | Assisting in sampling, material processing, identification of fishes, according to the WFD requirements. Assisting in analysis of the results. Participation in preparing of Final Report  |
| 2016                | RNM      | "Environmental and social framework for small hydropower projects Macedonia:<br>Aquatic biodiversity assessment of Krapska River" | European Bank for Reconstruction and Development – EBRD<br>The main consultant<br>Corresponding person<br>Vasil Kostov<br><a href="mailto:inst.stoc.kostov@gmail.com">inst.stoc.kostov@gmail.com</a> | Senior laboratory assistant | Assisting in the identification of the rare, endemic, endangered, protected and migratory species and their habitats. Assisting in selection of water bodies and habitats important for protection based on <i>EU Habitat Directives</i> . Assisting in preparation of the EMP and Monitoring Plan Sampling. Participation in preparing of Final Report. |

| Date from – Date to | Location | Project  | Company   | Position                    | Description  |
|---------------------|----------|--|---|-----------------------------|--|
| 2015/2017           | RNM      | “Taxonomic revision and redescription of the Genus <i>Gobio</i> and <i>Romanogobio</i> from R. Macedonia based on comparative morphological and osteological analyses” | Financed by the Cathedra of Comparative Anatomy at the Institute of Biology Faculty of Natural Sciences and Mathematics<br>Corresponding person<br>Milica Ristovska<br>milica.ristovska@yahoo.com | Senior laboratory assistant | Data collection. Field work, collection of fish species from genus <i>Gobio</i> and <i>Romanogobio</i> from R. Macedonia (present on EU Habitat Directives). Participation in preparing of Final Report.   |
| 2016                | RNM      | “Study for valorisation of Dojran Lake”  | Regional Environmental Center (REC) Macedonia<br>Corresponding person<br>Katarina Georgievska<br>kgeorgievska@rec.org   | Senior laboratory assistant | Assisting in data collection. Assisting in the field work, identification of the rare, endemic, endangered species. Assisting in selection of water bodies and habitats important for protection based on EU Habitat Directives. Participation in preparing of Final Report. |
| 2016                | RNM      | “Strengthening the capacities for implementation of Natura2000“ EuropeAid/136609   | Particip GmbH   | Senior laboratory           | Assisting in preparation of draft National reference list of fish species. Review of existing data on, identification of gaps of knowledge about fish species distribution in the country.   |



| Date from – Date to | Location | Project  | Company  | Position                    | Description   |
|---------------------|----------|--|--|-----------------------------|---|
| 2017                | RNM      | “Investigation of the fish fauna of the river Kriva Reka in the part of the future water intake for small hydroelectric station MHE 123 Kriva Reka”  | PCC EV HIDRO DOOEL   | Senior laboratory           | Participation and assisting in results analyzing, data collection and processing. Field work activities assisting. Participation in preparing of Final Report.  |
| 2017 – 2018         | RNM      | Monitoring of water quality of reservoir Shum and hatchery Shum, toward conservation of nature and production of quality salmonids for stocking of open waters in the Republic of Macedonia                            | Institute of Animal science –<br><b>Financed by:</b> Ministry of Agriculture, Forestry and Water Economy | Senior laboratory           | Participation and assisting in analyzing the results, Data collection and processing Field work activities assisting. Participation in preparing of Final Report.   |
| 2017/ 2018          | RNM      | “Achieving Biodiversity Conservation through Creation and Effective Management of Protected Areas and Mainstreaming Biodiversity and Land Use Planning”.<br>Component: Valorisation of Biodiversity of Sharr Mountain. | GEF/UNEP   | Senior laboratory assistant | Assisting in data collection. Assisting in field work, identification of the rare, endemic, endangered species. Assisting in assessment of the populations of the fish fauna. Participation in preparing of Final Report. |

| Date from – Date to | Location | Project   | Company  | Position                    | Description   |
|---------------------|----------|---|--|-----------------------------|---|
| 2017/18             | RNM      | “Оправданост од изградба на рибни патеки на зафатите за малите хидроцентрали “Бабуна”, “Белица”, “Песочани”, “Пена”, “Зрновце” и “Дошница”.                                 | ЕВН Македонија.<br>Електрани ДООЕЛ   | Senior laboratory assistant | Assisting in data collection.<br>Assisting in field work, identification of the rare, endemic, endangered species.<br>Assisting in assessment of the populations of the fish fauna<br>Participation in preparing of Final Report. |
| 2016/2017           | RNM      | “Field investigation of the fish fauna of rivers Patishka, Shirovica, Gradecka, Braychinska and Stanishar in the part of the intakes for small hydroelectric power plants”. | PCC HIDRO DOOEL –<br>Skopje  | Senior laboratory assistant | Assisting in data collection.<br>Assisting in field work, identification of the rare, endemic, endangered species.<br>Assisting in assessment of the populations of the fish fauna<br>Participation in preparing of Final Report. |
| 2017/2018           | RNM      | “Студија за биолошка разновидност во реонот на рудникот “Саса”, Македонска Камненица”   | Фармахем   | Senior laboratory assistant | Assisting in data collection.<br>Assisting in field work.<br>Assisting in assessment of the populations of the fish fauna<br>Participation in preparing of Final Report.  |
| 2018                | RNM      | “Effects of dietary supplements applied into the process of intensive carp production in cage aquaculture system”.  | MIA EKOFISH DOO.<br><b>Financed by:</b> Ministry of Agriculture, Forestry and Water Economy. | Senior laboratory assistant | Assisting in organizing all activities related to realization of the project.   |

| Date from – Date to | Location | Project  | Company   | Position                    | Description   |
|---------------------|----------|--|---|-----------------------------|---|
| 2018                | RNM      | RAPID BIODIVERSITY ASSESSMENT FOR KRIVAL PALANKA ROAD REHABILITATION PROJECT, FYR MACEDONIA                            | The European Bank for Reconstruction and Development (EBRD)<br>Contact person:<br>Marjan Mihajlov<br>m.mihajlov@maneko.com.mk   | Senior laboratory assistant | Assisting in data collection.<br>Assisting in field work tasks.<br>Assisting in participation in preparing of Final Report  |
| 2018                | RNM      | Зачувување на природата во Македонија - фаза 2 - Слив на Брегалница компонента за Натура 2000 подрачја за 2018 година. | Farmahem and Macedonian Ecological Society (MES)<br>Contact Information:<br>Marjana Shuslevska<br><a href="mailto:eko@farmahem.com.mk">eko@farmahem.com.mk</a><br>Slavco Hristovski<br><a href="mailto:hristovskis@gmail.com">hristovskis@gmail.com</a> | Senior laboratory assistant | Assisting in Identification and distribution of important fish species, including NATURA 2000 fish species in five proposal sites area for protection from Breglnica watershed.<br>Assisting in data collection and analysis, processing of literary data;<br>Assisting in field data gathering in proposed Natura 2000 sites from Breglnica watershed;<br>Assisting in valorisation - selection of significant fish species, especially from Osogovo Mountain and Malesevski Planini |

| Date from – Date to | Location | Project  | Company   | Position                    | Description  |
|---------------------|----------|--|---|-----------------------------|--|
| 2019                | RNM      | “Preparation of a Study for Revaluation of NP Pelister”.                       | "DECONS-EMA" DOOEL Skopje.                      | Senior Laboratory assistant | Assisting in data collection and analysis, processing of literary data; Assisting in preparation of Final Report Assisting in organizing all activities related to realization of the project. |
| 2019                | RNM      | „Influence of entrepreneurship on internationalization of MSP of agrocomplex”. | University of ‘St. Cyril and Methodius’ Skopje. | Senior Laboratory assistant | Assisting in data collection and analysis, processing of literary data; Assisting in preparation of Final Report Assisting in organizing all activities related to realization of the project. |

| Date from – Date to | Location | Project   | Company   | Position                    | Description   |
|---------------------|----------|---|---|-----------------------------|---|
| 2019                | RNM      | Зачувување на природата во Македонија - фаза 3 - Слив на Брегалница компонента за Натура 2000 подрачја за 2019 година.    | Farmahem and Macedonian Ecological Society (MES)<br>Contact Information:<br>Marjana Shuslevska<br><a href="mailto:eko@farmahem.com.mk">eko@farmahem.com.mk</a><br>Slavco Hristovski<br><a href="mailto:hristovskis@gmail.com">hristovskis@gmail.com</a> | Senior laboratory assistant | Assisting in Field data (ichthyological investigations) gathering in proposed Natura 2000 sites from Breglnica watershed-Ovce Pole, Malesevski Planini, Assisting in identification of areas that will provide biodiversity protection in cooperation with the expert team<br>Assisting in preparation of Final Report                                |
| 2019/2020           | RNM      | “Distribution of fish species from the genus <i>Romanogobio</i> in R. Macedonia - response to changes in the environment” | Ministry of Environment and Physical Planning<br>Kaja Шукова<br><a href="mailto:K.Sukova@moepp.gov.mk">K.Sukova@moepp.gov.mk</a>  | Senior laboratory           | Assisting in organizing all activities related to realization of the project.<br>Assisting in collection of fish species from Genus <i>Romanogobio</i> (listed on <i>EU Habitat Directives</i> ) from different water ecosystems in R. Macedonia where in the past their presence have been noticed.<br>Participation in preparation of Final Report. |

| Date from – Date to | Location | Project   | Company   | Position          | Description  |
|---------------------|----------|---|---|-------------------|--|
| 2019                | RNM      | “Зачувување на природата во Македонија –Слив на Брегалница компонента за Натура 2000 подрачја за 2019 година” | Farmahem and Macedonian Ecological Society (MES)<br>Contact Information:<br>Marjana Shuslevska<br><a href="mailto:eko@farmahem.com.mk">eko@farmahem.com.mk</a><br>Slavco Hristovski<br><a href="mailto:hristovskis@gmail.com">hristovskis@gmail.com</a> | Senior laboratory | Assisting in in field data (ichthyological investigations) gathering in proposed Natura 2000 sites from Breglnica watershed-Ovce Pole, Malesevski Planini, Assisting in identification of areas that will provide biodiversity protection in cooperation with the expert team<br>Participation in preparation of Final Report                |
| 2020                | RNM      | “Зачувување на природата во Македонија –Слив на Брегалница компонента за Натура 2000 подрачја за 2020 година” | Farmahem and Macedonian Ecological Society (MES)<br>Contact Information:<br>Marjana Shuslevska<br><a href="mailto:eko@farmahem.com.mk">eko@farmahem.com.mk</a><br>Slavco Hristovski<br><a href="mailto:hristovskis@gmail.com">hristovskis@gmail.com</a> | Senior laboratory | Assisting in Field data (ichthyological investigations) gathering in proposed Natura 2000 sites from Breglnica watershed-Ovce Pole, Malesevski Planini, Lower Bregalnica Data analysis Identification of areas that will provide biodiversity protection in cooperation with the expert team<br>Participation in preparation of Final Report |

| Date from – Date to | Location | Project  | Company   | Position                    | Description   |
|---------------------|----------|--|---|-----------------------------|---|
| 2020                | RNM      | “VI th Convention on Biological Diversity, indicators of ecosystem services”.<br>"DECONS-EMA" DOOEL<br>Skopje. | "DECONS-EMA" DOOEL<br>Skopje.   | Senior laboratory assistant | Asisting in data collection and analysis, processing of literary data;<br><br>Participation in preparation of Final Report  |
| 2020 - ongoing      | RNM      | Rehabilitation and improvement state Road A2 Section Kriva Palanka-Deve Bair (RSISRA2, KP-DB)                  | Macedonian Biological Society<br>Renata Kusterevska<br><a href="mailto:renatapmf@yahoo.com">renatapmf@yahoo.com</a> | Assistant                   | Asisting in data collection and analysis, processing of literary data;<br>Assisting in mapping the distribution of important fish species from the region<br>Assisting in Identification of fish species and their population important to the region<br>Assisting in preparation of Biodiversity Management and Monitoring plan (BMMP) |

| Date from – Date to | Location       | Project   | Company  | Position              | Description   |
|---------------------|----------------|---|--|-----------------------|---|
| 2020 - ongoing      | R.N. Macedonia | Monitoring and conservation of the endemic and endangered trout ( <i>Salmo peristericus</i> ) in National Park Pelister and Prespa region | Balkan Foundation for Sustainable Development (BFSD) - Silvana Manasievska Simikj<br>silvanam@fznh.ukim.edu.mk | Assistant fish expert | Conducting field data collection<br>Conducting data analysis<br>Participation in preparation of Assessment study<br>Participation in preparation of Conservation Action Plan<br>Participation in workshops for capacity building of the relevant stakeholders in Implementation of CAP. |
| 2020                | R.N. Macedonia | Periodical probiotic feed addition in carp intensive cage culture   | University Ss. Cyril and Methodius   | Assistant             | Conducting field data collection<br>Conducting ichthyological laboratory analysis<br>Conducting data analysis<br>Participation in preparation of reports  |



| Date from – Date to | Location       | Project   | Company   | Position    | Description   |
|---------------------|----------------|---|---|-------------|---|
| 2022-ongoing        | R.N. Macedonia | Ecological status of ichthyofauna in Belchishko wetland-preliminary data          | Ministry of Education and Science<br>RNM                | Fish expert | Conducting field data collection<br>Conducting ichthyological laboratory analysis<br>Conducting data analysis<br>Participation in preparation of reports.   |
| 2022                | RNM            | Fish fauna biodiversity of upper Treska river drainage and Kozjak reservoir       | Project funded by University<br>Ss. Cyril and Methodius | Assistant   | Literature supplementation<br>Research and field data record<br>Ichthyological laboratory analysis.<br>Conducting data analysis and preparation of the obtained results.<br>Participation in preparation of Report. |
| 2022                | R.N. Macedonia | Meet “vretenar”(Zingel balcanicus, Karaman 1937), the endemic fish in earth globe | MOEPP   | Assistant   | Conducting field data collection<br>Conducting ichthyological laboratory analysis<br>Conducting data analysis<br>Participation in preparation of reports  |

| Date from – Date to | Location | Project   | Company                 | Position            | Description   |
|---------------------|----------|---|-------------------------|---------------------|---|
| 2023                | RNM      | Preliminary research data of ichthyofauna, plankton and benthal fauna in Kozjak reservoir | Project funded by MOEPP | Project coordinator | Research and field data collection. Ichthyological laboratory analysis. Conducting data analysis and preparation of the obtained results. Participation in preparation of Report. |

### Congress activities:

1. Congress participation: NUTRICON Food Quality and Safety, Health and Nutrition 2023.

2. International Conference participation: 27.09.-29.09.2023: “ONE HEALTH AND ZOOLOGY”, Hyssaria - Bulgaria.

3. International Conference Adriatic Biodiversity Protection - AdriBioPro2024 01-04 October 2024, Kotor, Montenegro.

- Book of Abstracts 26. “Effects of coal mining activities and photovoltaic power plant operation towards the macroinvertebrate community in Oslomej reservoir and river Temnica (R. North Macedonia)”.

Jelena Hinić-Jordanovska, Valentina Slavevska-Stamenković , Vasil Kostov , Irina Manevska, Stojmir Stojanovski & Dijana Blazhekovikj-Dimovska.

- Book of Abstracts 28. “Ecological research of ichthyofauna and benthic fauna in Kozjak reservoir”.

Irina Manevska, Jelena Hinić-Jordanovska, Marija Kostova , Valentina Slavevska-Stamenković & Vasil Kostov.

4. International Conference „KRMIVA 2025“, 26-28.05.2025, Opatija, Croatia. Poster presentation of scientific paper titled: “Probiotic enriched food influence on Fulton coefficient and body weight of Common carp (*Cyprinus carpio*) reared in intensive cage system”. Irina Manevska & Vasil Kostov. Journal Full text in press.

### **Trainings, education, presentations and workshops:**

1. WORLD FOOD CONGRESS participation: De Moin, Iowa USA 2007.
2. Animal nutrition research visit-Faculty of Animal Sciences, Madison, University of Wisconsin USA 2007.
3. 6th EUSAIR FORUM of the EU Strategy for the Adriatic and Ionian Region. Pillar I- Blue Growth. Slovenia, Izola, on 11-12 May 2021. "Sustainable Strategies for Blue Growth and Innovation". Participation with presentation topic titled as: "*Usage and impact of probiotics added to Carp feed (bred in cage systems)*".
4. FAO Regional Office for Europe and Central Asia, the University of South Bohemia in České Budějovice and Global Change Research Institute of the Czech Academy of Sciences (CzechGlobe). *Online Workshop on Aquatic Ecosystem Conservation and the Sustainable Development Approach to Inland Fisheries Management (21-23 September 2021) - GCP/RER/060/CEH*.
5. FAO TCP/RER/3706, online working session held on 24.11.2021 on behalf of the Regional Office for Europe and Central Asia (PEU), under the title: "Good Practices Guideline for Data Collection Systems in Support of Sustainable Inland and Recreational Fisheries in the West Balkans".
6. HERBAL MEDICINE PLANTS IN LIVESTOCK PRODUCTION-Islamic Azad University, Qaemshahr Branch, Iran.
7. Israel Chamber of Commerce of the Philippines 2023. AQUACULTURE CONGRESS ONLINE "Spotlight on Israeli Tech to Meet the Rising Food Demand".
8. CERTIFICATE OF COMPLETION. 30 ECTS. INSTITUTE FOR COMMUNICATING STUDIES. PROGRAMME-ENVIRONMENTAL COMMUNICATION.
9. Academia Shipan Lighthouse-Croatia. May 7-10 2023. International Workshop for Islands Development, Sustainability and Best Practices. Presentation for aquaculture best practices titled: "Alternative eco approach in freshwater aquaculture Environmentally Friendly and Sustainable Aquaculture".
10. COST-ACTION: European Aquatic Tracking Network Training School-Inland Fisheries Institute, University of Warmia and Mazury in Olsztyn, Poland May 29 -1 June 2023.

11. FAO WORKSHOP 08.-14.10.2023: INLAND FISHERIES MANAGEMENT AND AQUATIC BIODIVERSITY CONSERVATION. University of South Bohemia, Faculty of Fisheries and Protection of Waters-Research Center CENAKVA. Vodnany, Ceske Budejovice.
12. INTERREG IPA – WORKSHOP – Info Day/Partner Search Forum for potential beneficiaries on 1<sup>st</sup> Call for Proposals. January, 25 2024, Ohrid.
13. Green Growth Platform – “National workshop for biobased solutions in water ecosystems with multi stake holder approach”. Accelerating of circular integration of biobased solutions in European rural areas- BIORURAL. Financed by EU research and innovation programme – HORIZON EUROPE. Presentation titled: *“Alternative approach in aquaculture – probiotic addition in carp feed reared in intensive cage system”*.
14. Online webinar participation. Water climate Discussion – Radical Change: Polluter Pays plus”.IWA’s SWS Climate Working Group meeting.

**Participation in other publications:**

- Participation in preparing the Management plan (Fishing ground) for fishing waters in the Republic of Macedonia - Middle part of the River Vardar, for the period of 2017– 2022.
- Participation in preparing the Management plan (Fishing ground) for fishing waters in the Republic of Macedonia, for the period of 2023– 2028.

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