

## CURRICULUM VITAE

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**E-mail address:** [guseska@yahoo.com](mailto:guseska@yahoo.com)

**Date and place of birth:** December 4, 1952; Struga, Macedonija

**Marital status:** married, two children

**Citizenship:** Macedonian **Nationality:** Macedonian

### Education

- 2003- PhD degree "COMPARATIVE MORPHOLOGICAL-ECOLOGICAL CHARACTERISTICS OF CALANOIDA AND CYCLOPOIDA (CRUSTACEA; COPEPODA) FROM LAKE OHRID PELAGIC ZONE" Institute of Biology, Faculty of Natural Sciences and Mathematics, Skopje, University "St. Cyril and Methodius".
- 1995- Master Degree in Biology on "MORPHOLOGICAL AND ECOPHYSIOLOGICAL INVESTIGATIONS OF THE LARVAE OF *EUDIAPTOMUS GRACILIS* SARS (CALANOIDA, CRUSTACEA) FROM LAKE OHRID" Institute of Biology, Faculty of Natural Sciences and Mathematics, Skopje, University "St. Cyril and Methodius".
- 1989 - 1990 Postgraduate studies: **Ecology and Taxonomy major**; Institute of Biology, Faculty of Natural Sciences and Mathematics, Skopje, University "St. Cyril and Methodius". **Field of study:** Hydrobiology
- 1971 - 1977 - Studies of Biology: **Biology major**, Institute of Biology, Faculty of Natural Sciences and Mathematics, Skopje, University "St. Cyril and Methodius".
- 1967 -1971 - High Medical School, Bitola

### Working experience

1987 - 2007 **Researcher at the Hydrobiological Institute**, Department of zooplankton

**Job responsibilities:**

1. Investigations on Lake Ohrid invertebrata: Rotifera, Copepoda (Calanoida, Cyclopoida): taxonomy, ecology and reproduction, a day-night and seasonal periodicity in the distribution of the zooplankton from Lake Ohrid
2. Investigations of the life cycle of: *Daphnia pulex* (Crustacea:Cladocera) and Calanoida and Cyclopoida (Crustacea: Copepoda) from Lake Ohrid pelagic zone.

3. Estimation of water quality in some parts in littoral region of Lake Ohrid on the basis of bioindicator species of Rotifera, Crustacea (Copepoda, Cladocera)
4. Biological investigations of surface water quality which are used for water supply

*Teaching:*

*Legislative:*

*Applied:*

*Special research for the Government:*

*Other responsibilities in the Institute:*

## **Projects:**

- "Limnological investigations of the Great Natural Lakes in Macedonia I & II" – Ministry of Science of Republic of Macedonia
- "The Problems of pollution of the Great Natural Lakes in Macedonia" – Ministry of Science of Republic of Macedonia
- "Human impact on water quality in north-west part of Lake Ohrid (Radozda-Struga)" – Ministry of Science of Republic of Macedonia
- "Influence of anthropogenic factor and tributaries on trophic state of the Lake Prespa." – Ministry of Science of Republic of Macedonia
- "Influence of St. Naum sources and Cerava River on trophic degree of the Lake Ohrid." – Ministry of Science of Republic of Macedonia
- "Breeding of Lake Ohrid native carp in the accumulation 'Slatino' – attempt for cage culture" – Ministry of Science of Republic of Macedonia & Private Enterprise ZZ "Poposki" from Struga
- "Genetic affinities of Cyclops ohridanus and Lake Ohrid, Population of Daphnia cf. pulex" . . .
- “Subaquatic Spring Inflows of Ancient Lake Ohrid” – Scientific Co-operation between Eastern Europe and Switzerland (SCOPES 2005-2008)
- MSE: Biodiversity and ecology of phytoplankton communities in Lake Ohrid (Macedonia) and Plitvice Lakes (Croatia) (2007-2009) (**As participant and Project leader**)
- MSE: Spatial and temporal changes in planktonic community – carrier of the Lake Ohrid trophic state (2009-2011) (As participant)
- MSE: Investigations of loading rate in the course of River Velgoska- the biggest danger to Lake Ohrid trophic state from Macedonian side (2009-2011) (As participant)
- MSE: Water quality monitoring and fish population management in Strezevo Reservoir (2009-2011) (As participant)
- MSE: Anthropogenic influence on the water trophic state in the north-western littoral of Lake Ohrid (2010-2012) (**As participant and Project leader**)
- “Conservation and sustainable use of biodiversity at Lakes Prespa, Ohrid and Shkodra/Skadar (CSBL) – GIZ 2013–2014

***Applied:***

1999 - 2003 **Lake Ohrid Conservation Project**, financed by GEF grant and World Bank as an executive agency.

1995 – Participation in the preparing of the Feasibility Study on Lake Ohrid Conservation Project

***Participation in congresses, conferences and symposia:***

**References:**

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- Mitić, V., D. Gjorgonoska. 1984; Ishrana na *Daphnia pulex* De Geer od Ohridskoto Ezero vo prirodni uslovi. - III Kongres ekologe Jugoslavije, Bilten društva ekologe Bosne i Hercegovine, knj. II: 91-95.
- Gjorgonoska, D., J. Serafimova- Hadžišče, V. Mitić, T. Naumoski, 1985: Životni ciklus *Daphnia pulex* De Geer iz Ohridskog jezera u laboratoriskim uslovima. - Jubilejno izdanje posveteno na 50-godišnjina od osnovaweto na Hidrobiološki zavod, Ohrid: 237-243.
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- Наумоски, Т., Д. Гушеска, 1988: Дишење на *Daphnia pulex* De Geer од Охридското Езеро во лабораториски услови. - IV Конгрес еколога Југославије, Охрид.
- Гушеска, Д., 1995: Морфолошки и екофизиолошки истражувања на ларвите од *Eudiaptomus gracilis* Sars (Calanoida, Crustacea) од Охридското Езеро. Универзитет “Св. Кирил и Методиј”, ПМФ -Скопје, Магистерски труд
- Гушеска, Д., Г. Костоски, С. Шумка, 1996: Влијанието на температурата врз ембрионалниот и постембрионалниот развој на *Eudiaptomus gracilis* Sars од Охридското Езеро. - I Конгрес на биолозите на Македонија, Охрид.
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- Костоски, Г., Д. Гушеска, С. Шумка, 1996: Промените во составот на зоопланктонот од Охридското Езеро во периодот (1952, 1972, 1992). - I Конгрес на биолозите на Македонија, Охрид.
- Гушеска, Д., 1997: Влијанието на температурата врз морталитетот на ларвите од *Eudiaptomus gracilis* Sars од Охридското Езеро во лабораториски услови. - I Конгрес на микробиолозите на Македонија, Охрид.

- Гушеска, Д., 1998: Сезонска динамика на пелагијалните копеподи од Охридското Езеро во текот на 1997 година. Proceeding of the I<sup>st</sup> Congres of Macedonian ecologists. Tome 1: 226-234.
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- Macedonia with international participation, Ohrid, Macedonia, Proceedings, p. 178-183
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- Gušeska, D., G. Kostoski, O. Tasevska. 2007. Zooplanktonic Investigations in the Pelagic Zone in Lake Ohrid. Hydrobiological Institute, Limnological investigations of Ohrid and Prespa lakes, Volume 5, Ohrid, 2007; p. 53-66
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- Gušeska, D., G. Kostoski, O. Tasevska. 2008. Lake Dojran Zooplankton during 2004-2005. Review, Hydrobiological Institute Ohrid. Vol. 41, No. 1., p. 50-58
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- Tasevska, O., 2010. Comparative taxonomy–ecological investigations of rotifers from Lake Ohrid, Lake Prespa and Lake Dojran. PhD Thesis, Institute of Biology, Faculty of Natural Sciences and Mathematics, Skopje, University "St. Cyril and Methodius". pp. 262
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- Tasevska, O., Jersabek, C. D., Kostoski, G., Guseska, D., 2012. Differences in rotifer communities in two freshwater bodies of different trophic degree (Lake Ohrid and Lake Dojran, Macedonia). *Biologia* 67/3: 565–572 (IF)
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## **Memberships**

Society of Ecologist of Macedonia

Society of Biologist of Macedonia