

BIOGRAPHY

Personal information



Last name, name: Trajanovski, Sasho
Date of birth: May 26, 1968
Place of birth: Sopotnica (Macedonia)
Gender: men
Marital status: Married
Nationality: Macedonian
Home address: ASNOM, 65-3, 6000, Ohrid, Macedonia
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Foreign languages: Advanced in English and French, satisfactory in Russian

Education

- Primary school / place:**
- 1974-1982 / Sopotnica
- High school / place / title**
- 1982-1986 / Bitola / Technologist in ecology and environmental protection
- Stay in higher education institutions (institution, place, subject, duration)**
- University of Belgrade, Faculty of Biology, undergraduate studies, 1988-1993
 - University of Belgrade, Faculty of Biology, Master Studies, 1993-1996
 - Ss. "Cyril and Methodius", Skopje, Faculty of Biology, Doctoral Studies, 2000-2005
 - 1993, Belgrade, Biology Engineer - Environmental Protection
 - 1996, Belgrade, Master of Biological Sciences (Ecology and Environmental Protection)
2005, Skopje, Doctor of Biology (freshwater ecology)

Title of doctoral thesis: Structure, distribution and dynamics of macrozoobenthos from Lake Ohrid with special reference to macrophytic vegetation

- Scientific stays abroad (date, place, institution)**
- December 1994 - June 1996, Institute for Nuclear and Other Mineral Resources, Belgrade, Serbia
 - January 2006 - April 2006, Tokyo, Biwa (ILEC) University of Kyoto, Japan
 - September 2006 - December 2006, Justus Liebig University, Department of Animal Ecology and Systematics
 - September 2007 - November 2007 Justus Liebig University, Department of Animal Ecology and Systematics
 - June 2008 - August 2008, OBIC, Hokkaido, Japan
 - January 2009, NIVA - Norway (Norwegian Institute for Aqueous Research)
 - June 2010, CIIMAR, Portugal
 - April 2011, IBER BAS, Sofia, Bulgaria.
 - May 2016, EU-GIZ, Athens
 - June 2017, Gdansk, Poland, University of Gdansk
 - May, July, 2018, 2019, OUT Tirana; Institute of Meteorology Podgorica.
 - April 2019, Faculty of Biology Belgrade.
 - November, 2021, Muğla Sıtkı Koçman University
 - March, 2022, University of Sarajevo.

Subject of research, position and institution

Current position: Full professor
Senior Scientific Advisor

- Other positions:**
- President of the Scientific Council of the Hydrobiological Institute -HIO(2012-2016)
 - Technical Editor of the Proceedings of the HIO
 - Chairman of the Editorial Board at HIO, 2016-
 - Member of the Commission for protection of the natural

and cultural heritage of the Ohrid region (2019-2021).

- Member of the Commission for protection of the natural and cultural heritage of the Ohrid region 2021-
- National Coordinator for invasive and non-invasive species within the ESENIAS network.

General specialty subject:

Freshwater ecology, environmental protection, hydroecology, ecology and biodiversity of macrozoobenthos, freshwater invasive species

Other specialties:

- Integrative Water Resources Management (Japan)
- Molecular evolution (Germany)
- •Protection and conservation of swamp biodiversity (Japan)
- GIS and modeling, Norway
- Freshwater ecotoxicology, Bulgaria
- Molecular Techniques, Poland
- Basics of Geological Survey, Germany
- ENSIS, Norway, Albania, Macedonia
- Invasive species and management, Bulgaria
- Safety aspects and legislation on pesticide use, Athens, Greece
- AS-ISK and MAXENT assessment and modelling, Mugla, Turkey

Project participation and expertise:

- Molecular evolution of the genus *Dina* from Lake Ohrid (Molecular evolution of the genus *Dina* in Lake Ohrid: 2006-2008-project manager;
- Invasive and native range of *Dreissena* spp: current state, measures and activities: 2008-project manager;
- Development of ecological tools for monitoring in accordance with the European Water Framework Directive (Developing of ecological tools for monitoring according to the European Frame Work Directive: 2009-2011- project manager;
- Researches on the macrozoobentos in the macrophytic vegetation from Lake Ohrid (Researches on the macrozoobentos in the macrophytic vegetation from Lake Ohrid): 2009-2013-project manager;
- Determining the age of Lake Ohrid: 2013-local head of

logistics;

- Climate change and invasive species - growing threat to biodiversity and ecosystem functionality of old Lake Ohrid and its basin (Climate Change and Invasive Alien Species - growing threats to biodiversity and ecosystem functionality in ancient Lake Ohrid and its watershed): 2013-2014- project manager ;
- Conservation and sustainable use of the biodiversity of Lake Prespa, Ohrid and Skadar (2013-2014): National leader of the Technical Working Group on Waters;
- Assessment of the ecological status according to the European Water Directive, intercalibration between the countries of the Western Balkans (Assessing the ecological status according to the WFD-Intercalibration among Western Balkan Countries: 2015-2018- project manager;
- Eastern and Southeastern European Network of Invasive Species - a tool to support the management of invasive species in Bulgaria - ESENIAS TOOLS (East and South European Network for Invasive Alien Species - a tool to support the management of alien species in Bulgaria - ESENIAS-TOOLS) : 2015-2017- project manager.
- Conservation of Velidab-biodiversity heaven in Lake Ohrid (COVEL-BIOHEVLO). Rufford Foundation. 2016-2017. Expert.
- Improving protected area management: implementing a focused capacity building program and supporting project development. ЗаВита. 2018. National project manager.
- Cross-border diagnostic analysis - thematic report on biodiversity and ecosystems DRIN CORDA. ЗаВита.2016-2018. Team leader.

- Environmental status assessment according to WFD intercalibration between the Western Balkan countries (2015-2019), project manager;
- Fauna of snails (GASTROPODA) from Lake Ohrid. Municipality of Ohrid. 2018-2019. Expert.
- Development of the Civic Scientists Initiative for the protection of rare species of snails from Lake Ohrid - an innovative approach to biodiversity conservation. MECCПП. 2018-2019. project manager.
- Learning mobility of individuals: Internationalization and professionalization in other European countries. Erasmus +. 2018-. project manager.
- Improving the management and sustainable use of Belchishta Swamp (Blue Viroi), a biodiversity specialist for monitoring and assessment of key insect species in the Belchishta wetland in accordance with the Birds and Habitats Directive (Council Directive 92/43 / EEC on the conservation of natural resources habitats and wildlife), UNDP funded project, August 2018 - ongoing-Expert.
- River Basin Management and Transparency, Senior Water Management Expert, EU funded project in Albania, August 2018 - 2020. Expert for monitoring and protection of aquatic ecosystems.Expert.
- Monitoring, protection and sustainable use of the reed belt on Lake Ohrid. Project funded by UNDP, 2018-2019. Environmental monitoring and protection expert with a special focus on: reeds, birds, fish, water quality and protected areas of Lake Ohrid. Expert.
- Invasive and alien species are a real threat to the old Lake Ohrid (IASLO). Project funded by UNESCO.2019-2020. Project leader and expert on invasive and extraterrestrial freshwater species. project manager.
- Preservation of the Belchishta wetlands, Northern Macedonia, through engagement with the municipality and local stakeholders, senior expert on freshwater

invertebrates. June 2020 - May 2022, funded by the Critical Ecosystem Partnership Fund (CEPF). Expert.

- Conduct a feasibility study to expand the focus area of natural confidence in Prespa Ohrid (PONT). Lake Ohrid watershed expert. Ongoing (2020), funded by PONT (Nature Trust in Prespa Ohrid). Project expert.
- Invasive and alien species are a real threat to the old Lake Ohrid II (IASLO). UNESCO funded project. 2021-2022. Project leader and expert on invasive and extraterrestrial freshwater species. project manager.
- Strengthening the educational capacity to deal with the risk of non-native aquatic species in the Western Balkans. Erasmus + project. 2020-2022. Project manager.
- Identification of anthropogenic influences on Lake Prespa (January 2022- June 2024). Expert.
- Use of Novel Eurasian Parasites to Control Naive North American Dreissenid Populations (2018-). Expert.

Institutional address and telephone:

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Mentoring

2 Master Theses

1 Doctoral thesis

Publications in the last 10 years

Scientific publications

Molloy, D. P., Trajanovski, S. L., Trajanovska, S. P., Burlakova, L. E., Karatayev, A. Y., Giamberini, L., and Cryan, J. R. 2004: A very geographically-isolated zebra mussel - *Dreissena*

- stankovici: Comparison with other *Dreissena* spp. Thirteenth International Conference on Aquatic Invasive Species. September 24, 2004. Ennis, County Clare, Ireland. (Abstract available at: http://www.icaais.org/pdf/Abstracts_2004.pdf; presentation slides available at: http://www.icaais.org/pdf/24Friday/B/fri_b_e_am/Dan_Molloy.pdf)
- Trajanovski, S., Krstanovski, Z. and Budzakoska-Gjoreska, B. 2005: Variations in the density of total macrozoobenthos from Lake Ohrid (profile HBZ-v.RADOZDA) in main depth zones during the period from 1998-2001. The 34th annual Conference of the Yugoslav Water Pollution Control Society „WATER 2005”, Kopaonik, Serbia and Montenegro, 303-306.
- Trajanovski, S. and Budzakoska-Gjoreska, B. 2006: Qualitative and quantitative composition of the macrozoobenthos from the southeastern littoral region from Lake Ohrid. The 35th annual Conference of the Yugoslav Water Pollution Control Society „WATER 2006”, Zlatibor, Serbia and Montenegro, 171-176.
- Trajanovski, S., Trajanovska, S. and Budzakoska, B. 2004a: The belt of reed (*Phragmites communis* TRIN.) from Lake Ohrid as a habitat for the rich and endemic macrozoobenthic communities. Balwois Conference on Water Observation and Information Systems for Decision Support. 25-29 May 2004 Ohrid, Republic of Macedonia
- Trajanovski, S., Krstanovski, Z. and Budzakoska-Gjoreska, B. 2005a: Variations in the density of total macrozoobenthos from Lake Ohrid (profile HBZ-v.RADOZDA) in main depth zones during the period from 1998-2001. The 34th annual Conference of the Yugoslav Water Pollution Control Society „WATER 2005”, Kopaonik, 7-10. Jun 2005, 303-306.
- Trajanovska, S., Trajanovski, S., Molloy, D. & Blazencic, J.(2006). The distribution of the mussel *Dreissena stankovici* in the charophytes belt in Lake Ohrid, Macedonia. 14 th Meeting of the Group of European Charophytologists (GEC): P6. Barcelona, Catalonia, Spain.
- Trajanovski, S., Budzakoska-Gjoreska, B., Talevska, M. and Trajanovska, S. 2007a: Qualitative composition of macrozoobenthos on some macrophytic associations in Lake Ohrid. I Symposium for protection of natural lakes in Republic of Macedonia. Abstract Book, Hydrobiological Institute, Ohrid, 42-43.
- Trajanovski, S., Trajanovska, S. and Budzakoska, B. 2003a: The importance of protection of the belt of stoneworts for the surviving of the benthic macroinvertebrate communities from Lake Ohrid. The 32nd annual Conference of Yugoslav Water Pollution Control Society „WATER 2003”, Zlatibor, 3. - 6. jun 2003, 143-148.
- Budzakoska, B. and Trajanovski, S. 2004: Qualitative and quantitative composition of Gastropod fauna from some littoral points in Lake Ohrid. Balwois Conference on Water Observation and Information Systems for Decision Support. 25-29 May 2004 Ohrid, Republic of Macedonia
- Trajanovski, S. and Budzakoska, B. 2004b: Percentage ratios of the main macrozoobenthic groups as an indicator for the changes in the biotop of Lake Ohrid. The 33rd annual Conference of Yugoslav Water Pollution Control Society „WATER 2004”, Lake of Bor, 8-11. Jun 2004, Serbia and Montenegro, 257-262
- Budzakoska, B., & Trajanovski, S., 2004c: Qualitative composition of macrozoobenthos from some springs in Lake Ohrid. The 33rd annual Conference of Yugoslav Water Pollution Control Society „WATER 2004”, Lake of Bor, 8-11. Jun 2004 godine, Serbia and Montenegro, 263-266.
- Trajanovski, S., Krstanovski, Z., Budzakoska, B. and Pier, J. 2005: A comparative study on the density of Hirudinea from Lake Ohrid for the period 1963-2003. *Natura Montenegrina*, Podgorica, No 4, 77-82.
- Budzakoska-Gjoreska, B., Krstanovski, Z. and Trajanovski, S. 2005b: Gastropod fauna of the littoral region from Lake Ohrid. The 34th annual Conference of the Yugoslav Water

- Pollution Control Society „WATER 2005”, Kopaonik, 7-10. Jun 2005, 307-312.
- Smiljkov, S., Trajanovski, S. and Budzakoska-Gjoreska, B. 2005d: Biocenotic composition of the macrozoobenthos on different habitats from the littoral region of Lake Ohrid. Contributions, Sec. Biol. Med. Sci., MASA, Skopje. Vol.XXVI, No.2, 143-155.
- Budzakoska-Gjoreska, B., Trajanovski, S. and Krstanovski, Z. 2006: Seasonal dynamic in the density of gastropoda on profile HBI-v.Radozda from Lake Ohrid. Balwois Conference on Water Observation and Information Systems for Decision Support. 23-26 May 2006 Ohrid, Republic of Macedonia. www.balwois.mpl.ird.fr
- Trajanovski, S. and Budzakoska-Gjoreska, B. 2006a: Seasonal changes in the vertical distribution of Hirudinea from Lake Ohrid. Balwois Conference on Water Observation and Information Systems for Decision Support. 23-26 May 2004 Ohrid, Republic of Macedonia. www.balwois.mpl.ird.fr
- Budzakoska-Gjoreska, B. and Trajanovski, S. 2006b: Gastropoda biodiversity in different littoral localities from Lake Ohrid. The 35rd annual Conference of the Yugoslav Water Pollution Control Society „WATER 2006”, Zlatibor, 6-9.Jun 2006, 163-166.
- Trajanovski, S. and Budzakoska-Gjoreska, B. 2006c: Qualitative and quantitative composition of the macrozoobenthos from the southeastern littoral region from Lake Ohrid. The 35rd annual Conference of the Yugoslav Water Pollution Control Society „WATER 2006”, Zlatibor, 6-9. Jun 2006, 171-176.
- Budzakoska-Gjoreska, B., Smiljkov, S., Sapkarev, J. and Trajanovski, S. 2007d: Dominant species of the gastropod fauna from the littoral region in Lake Ohrid of R.Macedonia. Contributions, Sec. Biol. Med. Sci., MASA, Skopje. Vol.XXVIII, No.1, 137-144.
- Trajanovski, S. and Budzakoska, B. 2004f: The influence of the texture of the substrate in colonization of macrozoobenthos from Lake Ohrid. Abstract. Balwois Conference on Water Observation and Information Systems for Decision Support. 25-29 May 2004, Ohrid, Republic of Macedonia. www.balwois.mpl.ird.fr, 274
- Trajanovski, S., Budzakoska-Gjoreska, B. and Krstanovski, Z. 2006d: Density trends of Crustacea (Amphipoda and Isopoda) from Lake Ohrid. Abstract. Balwois Conference on Water Observation and Information Systems for Decision Support. 23-26 May 2004 Ohrid, Republic of Macedonia, www.balwois.mpl.ird.fr, 264.
- Trajanovski, S., Wilke, T., Budzakoska-Gjoreska, B. and Krstanovski, Z. 2006e: Evolution of the "Dina" Ancient Lake Species Flock (Hirudinea: Erpobdellidae) in Lake Ohrid. Abstract. Speciation in Ancient Lakes 4. International Symposium, Freie Universitat Berlin, Germany, 63.
- Albrecht, C., Trajanovski, S., Kuhn, K., Streit, B. and Wilke, T. (2006): Rapid evolution of an ancient lake species flock: freshwater limpets (Gastropoda: Ancyliidae) in the Balkan lake Ohrid. – Organisms, Diversity and Evolution 6, 294-307.
- Budzakoska-Gjoreska, B. and Trajanovski, S. 2007: Distribution and density of *Chilopyrgula sturanyi* on the profile HBI-v.Rado`da and north-west littoral region from Lake Ohrid. I Symposium for protection of natural lakes in Republic of Macedonia. Abstract Book, Hydrobiological Institute, Ohrid, 109-110.
- Budzakoska-Gjoreska, B., Trajanovski, S. and Trajanovska, S. 2007b: Gastropoda density and diversity in the belt of Charophyta from Lake Ohrid. Abstract Book, 15th Meeting of the group of European Charophytologists (GEC). Book of Abstracts, Belgrade, Serbia
- Trajanovski, S., Budzakoska-Gjoreska, B. and Trajanovska, S. 2007c: Summer settlement of Hirudinea in the belt of Charophyta from Lake Ohrid. Abstract Book, 15th Meeting of the group of European Charophytologists (GEC). Book of Abstracts, Belgrade, Serbia, 17.
- Budzakoska, G.B., Trajanovski, S.&Trajanovska, S. (2008): Density and diversity of Gastropoda in

the belt of Charophyta from Lake Ohrid. Review. PSI Hydrobiological Institute Ohrid. Vol.41. No.1. pp.5-14.

- Trajanovski, S., Budzakoska, G.B. (2008): Variation in the structural indexes of the macrozoobenthos in different macrophytic associations in Lake Ohrid. 5th IRGC Symposium in Rostock. Book of abstracts.
- Albrecht, C.; Hauffe, T.; **Schreiber, K.**; Trajanovski, S. & **Wilke, T.** (2009): Mollusc biodiversity and endemism in the potential ancient lake Trichonis, Greece. *Malacologia*, 51, 357-375.
- Wilke, T.**, **Schultheiß, R.**, Albrecht, C., **Bornmann, N.**, Trajanovski, S., & Kevrekidis, T. (2010) Native *Dreissena* freshwater mussels in the Balkans: in and out of ancient lakes, *Biogeosciences*, 7, 3051–3061.
- Kostoski, G., Albrecht, C., Trajanovski, S., and Wilke, T.: A freshwater biodiversity hotspot under pressure – assessing threats and identifying conservation needs for ancient Lake Ohrid. *Biogeosciences Discuss.*, 7, 5347-5382, 2010.
- Trajanovski, S., Albrecht, C., Schreiber, K., R. Schultheiß, T. Stadler, M. Benke, and T. Wilke: Testing the spatial and temporal framework of speciation in an ancient lake species flock: the leech genus *Dina* (Hirudinea: Erpobdellidae) in Lake Ohrid *Biogeosciences Discuss.*, 7, 5011-5045, 2010.
- Budzakoska-Gjoreska, B., Trajanovski, S. & Trajanovska, S. 2010: Structural indexes on gastropoda fauna from different habitats of Lake Ohrid. Balwois Conference on Water Observation and Information Systems for Decision Support. 23,26 May 2010 Ohrid, Republic of Macedonia. Praten trud
- Budzakoska-Gjoreska, B., Trajanovski, S., Trajanovska, S. and Cara, M. (2010): Use of Shannon-Wiener index for assessing ecological quality of the water of the north-weast littoral in Lake Ohrid. *The 39th Annual Conference of the Serbian Water Pollution Control Society „WATER 2010”, Conference Proceedings*, Divcibare, Srbija, 147-152.
- Trajanovski, S., Trichkova, T., Budzakoska-Gjoreska, B. and Trajanovska, S. (2010): Distribution and habitat preferences of *Dreissena presbensis* in the ancient lakes (Lake Ohrid and Lake Prespa) in Macedonia. *The 39th Annual Conference of the Serbian Water Pollution Control Society „WATER 2010”, Conference Proceedings*, Divcibare, Srbija, 159-164.
- Hauffe, T.**; **Albrecht, C.**; **Schreiber, K.**; Birkhofer, K.; Trajanovski, S. & **Wilke, T.** (2011): Spatially explicit analysis of gastropod biodiversity in ancient Lake Ohrid. *Biogeosciences*, 8, 175-188
- Budzakoska-Gjoreska, B., Trajanovski, S. and Trajanovska, S. 2012: Assessing the status of endangered invertebrates from ancient Lake Ohrid: the gastropod *Chilopyrgula sturanyi*. *Arch. Biol. Sci.*, Belgrade, 64 (2), 647-650. (IF) 0.356
- Budzakoska-Gjoreska, B. 2012. Gastropoda from Lake Ohrid and its watershed as a object of developing GIS monitoring according to EU Water Framework Directive. Doctoral dissertation. Sts. Cyril and Methodius University, Faculty of Natural Sciences and Mathematics, Institut of biology, Skopje, Macedonia
- Trajanovska, S., Blaženčić, J., Trajanovski, S. and Budzakoska-Gjoreska, B., 2012. Distribution, morphological variability, ecology and the present state of the *Nitella* from Lake Ohrid and its surroundings. *Arch. Biol. Sci.*, Belgrade, 64 (2), 549-556. (IF) 0.356
- Schneider, C. A., Cara, M., Eriksen, E. T., Budzakoska-Gjoreska, B., Imeri, A., Kupe, L. Loskoska, T., Patceva, S., Trajanovska, S., Trajanovski, S., Talevska, M., Sarafiloska-Veljanovska, E., 2013. Eutrophication impacts littoral biota in Lake Ohrid while water phosphorus concentrations are low. *Limnologica – Ecology and Management of Inland Waters*. Volume, Issue, Page (IF) 1.565
- Budzakoska-Gjoreska, B., Trajanovski S. and Trajanovska S. 2014. Comparative biocenological

- analysis of Gastropoda on the Macedonian part of Lake Ohrid and its watershed. *Journal of Biologia*, August 2014, Volume 69, Issue 8, pp. 1023-1029. (IF) 0.696
- Wagner, B.; **Wilke, T.**; Krastel, S.; Zanchetta, G.; Sulpizio, R.; Reicherter, K.; Leng, M.; Grazhdani, A.; Trajanovski, S.; Francke, A.; Lindhorst, K.; Levkov, Z.; Cvetkoska, A.; Reed, J.; Zhang, X.; Lacey, J.; Wonik, T. & Baumgarten H. (2014): The SCOPSCO drilling project recovers more than 1.2 million years of history from Lake Ohrid. *Scientific Drilling*, 17, 19–29. DOI: 10.5194/sd-17-19-2014.
- Wagner, B.; **Wilke, T.**; Krastel, S.; Leng, M.; Reed, J.; Zanchetta, G.; Sulpizio, R.; Reicherter, K.; Grazhdani, A.; Trajanovski, S.; Levkov, Z. & Wonik, T. (2014): More than one million years of history in Lake Ohrid cores. *Eos, Transactions American Geophysical Union*, 95, 25-26.
- Trajanovski, S.; Budzakoska, B.; Kenderov, L.; Zdraveski, K.; Botev, I.; Trichkova, T. (2015): Lake Ohrid tributaries: Natural and potential pathways for invasive alien species introductions: Submitted in *Acta Zoologica Bulgarica*.
- Zdraveski, K. (2015). Relative Valuation of Companies: Analysis of the Beverage Industry in Macedonia. MSc. European University - Republic of Macedonia.
- Zdraveski, K., Trajanovski, S., Budzakoska-Gjoreska, B. and Trajanovska, S. (2015). THE NATURE OF ECOSYSTEM SERVICES VALUATION: LAKE OHRID - THEORY VS. REALITY. *Review*, 43(1), pp.147-157.
- Budzakoska-Gjoreska, B., Trajanovski, S., Trajanovska, S. and Zdraveski, K. (2015). STRUCTURAL INDEXES (d, H', J(e)) OF GASTROPODA FROM LAKE OHRID AND ITS WATERSHED. *Review*, 43(1), pp.101-112.
- Trajanovski, S., Budzakoska-Gjoreska, B., Trajanovska, S. and Zdraveski, K. (2015). HABITAT CHANGE-DRIVING FORCE FOR ENDEMIC/COSMOPOLITAN RATIO PERTURBATION IN THE BENTHIC FAUNA OF ANCIENT LAKE OHRID AND ITS WATERSHED. *Review*, 43(1), pp.113-127.
- Trajanovski, S. (2015). Macroinvertebrates of Lakes Ohrid and Prespa: Initial characterization of Lakes Ohrid, Prespa and Skadar/Shkodra: Implementing the EU Waterframework Directive in Southeastern Europe. Volume of annexes. Published by GIZ on behalf of the German Federal Ministry for Economic Cooperation and Development (BMZ).
- Albrecht, C., Trajanovski, S., Kuhn, K., Streit, B. and Wilke, T. (2006): Rapid evolution of an ancient lake species flock: freshwater limpets (Gastropoda: Ancyliidae) in the Balkan lake Ohrid. – *Organisms, Diversity and Evolution* 6, 294-307.
- Albrecht, C.; Hauffe, T.; Schreiber, K.; Trajanovski, S. & Wilke, T. (2009): Mollusc biodiversity and endemism in the potential ancient lake Trichonis, Greece. *Malacologia*, 51, 357-375.
- Budzakoska, B. and Trajanovski, S. 2004: Qualitative and quantitative composition of Gastropod fauna from some littoral points in Lake Ohrid. *Balwois Conference on Water Observation and Information Systems for Decision Support*. 25-29 May 2004 Ohrid, Republic of Macedonia
- Budzakoska, B., & Trajanovski, S., 2004c: Qualitative composition of macrozoobenthos from some springs in Lake Ohrid. *The 33rd annual Conference of Yugoslav Water Pollution Control Society, WATER 2004*, Lake of Bor, 8-11. Jun 2004 godine, Serbia and Montenegro, 263-266.
- Budzakoska, G.B., Trajanovski, S. & Trajanovska, S. (2008): Density and diversity of Gastropoda in the belt of Charophyta from Lake Ohrid. *Review*. PSI Hydrobiological Institute Ohrid. Vol.41. No.1. pp.5-14.
- Budzakoska-Gjoreska, B. 2012. Gastropoda from Lake Ohrid and its watershed as an object of developing GIS monitoring according to EU Water Framework Directive. Doctoral dissertation. Sts. Cyril and Methodius University, Faculty of Natural Sciences and

Mathematics, Institut of biology, Skopje, Macedonia

- Budzakoska-Gjoreska, B. and Trajanovski, S. 2006b: Gastropoda biodiversity in different littoral localities from Lake Ohrid. The 35th annual Conference of the Yugoslav Water Pollution Control Society, WATER 2006", Zlatibor, 6-9.Jun 2006, 163-166.
- Budzakoska-Gjoreska, B. and Trajanovski, S. 2007: Distribution and density of *Chilopyrgula sturanyi* on the profile HBI-v.Rado`da and north-west littoral region from Lake Ohrid. I Symposium for protection of natural lakes in Republic of Macedonia. Abstract Book, Hydrobiological Institute, Ohrid, 109-110.
- Budzakoska-Gjoreska, B., Krstanovski, Z. and Trajanovski, S. 2005b: Gastropod fauna of the littoral region from Lake Ohrid. The 34th annual Conference of the Yugoslav Water Pollution Control Society, WATER 2005", Kopaonik, 7-10. Jun 2005, 307-312.
- Budzakoska-Gjoreska, B., Smiljkov, S., Sapkarev, J. and Trajanovski, S. 2007d: Dominant species of the gastropod fauna from the littoral region in Lake Ohrid of R.Macedonia. Contributions, Sec. Biol. Med. Sci., MASA, Skopje. Vol.XXVIII, No.1, 137-144.
- Budzakoska-Gjoreska, B., Trajanovski S. and Trajanovska S. 2014. Comparative biocenological analysis of Gastropoda on the Macedonian part of Lake Ohrid and its watershed. Journal of Biologia, August 2014, Volume 69, Issue 8, pp. 1023-1029. (IF) 0.696
- Budzakoska-Gjoreska, B., Trajanovski, S. & Trajanovska, S. 2010: Structural indexes on gastropoda fauna from different habitats of Lake Ohrid. Balwois Conference on Water Observation and Information Systems for Decision Support. 23,26 May 2010 Ohrid, Republic of Macedonia. Praten trud
- Budzakoska-Gjoreska, B., Trajanovski, S. and Krstanovski, Z. 2006: Seasonal dynamic in the density of gastropoda on profile HBI-v.Radozda from Lake Ohrid. Balwois Conference on Water Observation and Information Systems for Decision Support. 23-26 May 2006 Ohrid, Republic of Macedonia. www.balwois.mpl.ird.fr
- Budzakoska-Gjoreska, B., Trajanovski, S. and Trajanovska, S. 2007b: Gastropoda density and diversity in the belt of Charophyta from Lake Ohrid. Abstract Book, 15th Meeting of the group of European Charophytologists (GEC). Book of Abstracts, Belgrade, Serbia
- Budzakoska-Gjoreska, B., Trajanovski, S. and Trajanovska, S. 2012: Assessing the status of endangered invertebrates from ancient Lake Ohrid: the gastropod *Chilopyrgula sturanyi*. *Arch. Biol. Sci.*, Belgrade, 64 (2), 647-650. (IF) 0.356
- Budzakoska-Gjoreska, B., Trajanovski, S., Trajanovska, S. and Cara, M. (2010): Use of Shannon-Wiener index for assessing ecological quality of the water of the north-west littoral in Lake Ohrid. *The 39th Annual Conference of the Serbian Water Pollution Control Society „WATER 2010“, Conference Proceedings*, Divcibare, Srbija, 147-152.
- Budzakoska-Gjoreska, B., Trajanovski, S., Trajanovska, S. and Zdraveski, K. (2015). STRUCTURAL INDEXES (d, H', J(e)) OF GASTROPODA FROM LAKE OHRID AND ITS WATERSHED. *Review*, 43(1), pp.101-112.
- Hauffe, T.; Albrecht, C.; Schreiber, K.; Birkhofer, K.; Trajanovski, S. & Wilke, T. (2011): Spatially explicit analysis of gastropod biodiversity in ancient Lake Ohrid. *Biogeosciences*, 8, 175-188
- Kostoski, G., Albrecht, C., Trajanovski, S., and Wilke, T.: A freshwater biodiversity hotspot under pressure – assessing threats and identifying conservation needs for ancient Lake Ohrid. *Biogeosciences Discuss.*, 7, 5347-5382, 2010.
- Molloy, D. P., Trajanovski, S. L., Trajanovska, S. P., Burlakova, L. E., Karatayev, A. Y., Giamberini, L., and Cryan, J. R. 2004: A very geographically-isolated zebra mussel - *Dreissena stankovici*: Comparison with other *Dreissena* spp. Thirteenth International Conference on Aquatic Invasive Species. September 24, 2004. Ennis, County Clare, Ireland. (Abstract

available at: http://www.icaais.org/pdf/Abstracts_2004.pdf; presentation slides available at: http://www.icaais.org/pdf/24Friday/B/fri_b_e_am/Dan_Molloy.pdf

- Schneider, C. A., Cara, M., Eriksen, E. T., Budzakoska-Gjoreska, B., Imeri, A., Kupe, L., Loskoska, T., Patceva, S., Trajanovska, S., Trajanovski, S., Talevska, M., Sarafiloska-Veljanovska, E., 2013. Eutrophication impacts littoral biota in Lake Ohrid while water phosphorus concentrations are low. *Limnologica – Ecology and Management of Inland Waters*. Volume, Issue, Page (IF) 1.565
- Smiljkov, S., Trajanovski, S. and Budzakoska-Gjoreska, B. 2005d: Biocenotic composition of the macrozoobenthos on different habitats from the littoral region of Lake Ohrid. *Contributions, Sec. Biol. Med. Sci., MASA, Skopje*. Vol.XXVI, No.2, 143-155.
- Trajanovska, S., Trajanovski, S., Molloy, D. & Blazencic, J.(2006). The distribution of the mussel *Dreissena stankovici* in the charophytes belt in Lake Ohrid, Macedonia. 14 th Meeting of the Group of European Charophytologists (GEC): P6. Barcelona, Catalonia, Spain.
- Trajanovska, S., Blaženčić, J., Trajanovski, S. and Budzakoska-Gjoreska, B., 2012. Distribution, morphological variability, ecology and the present state of the *Nitella* from Lake Ohrid and its surroundings. *Arch. Biol. Sci.*, Belgrade, 64 (2), 549-556. (IF) 0.356
- Trajanovski, S. and Budzakoska, B. 2004b: Percentage ratios of the main macrozoobenthic groups as an indicator for the changes in the biotop of Lake Ohrid. The 33rd annual Conference of Yugoslav Water Pollution Control Society „WATER 2004“, Lake of Bor, 8-11. Jun 2004, Serbia and Montenegro, 257-262
- Trajanovski, S. and Budzakoska, B. 2004f: The influence of the texture of the substrate in colonization of macrozoobenthos from Lake Ohrid. Abstract. Balwois Conference on Water Observation and Information Systems for Decision Support. 25-29 May 2004, Ohrid, Republic of Macedonia. www.balwois.mpl.ird.fr, 274
- Trajanovski, S. and Budzakoska-Gjoreska, B. 2006: Qualitative and quantitative composition of the macrozoobenthos from the southeastern littoral region from Lake Ohrid. The 35rd annual Conference of the Yugoslav Water Pollution Control Society „WATER 2006“, Zlatibor, Serbia and Montenegro, 171-176.
- Trajanovski, S. and Budzakoska-Gjoreska, B. 2006a: Seasonal changes in the vertical distribution of Hirudinea from Lake Ohrid. Balwois Conference on Water Observation and Information Systems for Decision Support. 23-26 May 2004 Ohrid, Republic of Macedonia. www.balwois.mpl.ird.fr
- Trajanovski, S. and Budzakoska-Gjoreska, B. 2006c: Qualitative and quantitative composition of the macrozoobenthos from the southeastern littoral region from Lake Ohrid. The 35rd annual Conference of the Yugoslav Water Pollution Control Society „WATER 2006“, Zlatibor, 6-9. Jun 2006, 171-176.
- Trajanovski, S., Albrecht, C., Schreiber, K., R. Schultheiß, T. Stadler, M. Benke, and T. Wilke: Testing the spatial and temporal framework of speciation in an ancient lake species flock: the leech genus *Dina* (Hirudinea: Erpobdellidae) in Lake Ohrid *Biogeosciences Discuss.*, 7, 5011-5045, 2010.
- Trajanovski, S., Budzakoska Gjoreska, B., Trajanovska, S., Zdraveski, K. and Loshkoska, T. 2016. IBI Index application in assessment of the ecological status of Lake Ohrid tributaries. *International Scientific Journal: Micro Macro & Mezzo Geo Information, Gee-SEE Institute*, Skopje, Macedonia. No. 6, ISSN: 1857-9000; EISSN: 1857-9019; 108-120. (IF) 0.722
- Trajanovski, S., Budzakoska, G.B. (2008): Variation in the structural indexes of the macrozoobenthos in different macrophytic associations in Lake Ohrid. 5th IRGC Symposium in Rostock. Book of abstracts.
- Trajanovski, S., Budzakoska-Gjoreska, B., Talevska, M. and Trajanovska, S. 2007a: Qualitative

- composition of macrozoobenthos on some macrophytic associations in Lake Ohrid. I Symposium for protection of natural lakes in Republic of Macedonia. Abstract Book, Hydrobiological Institute, Ohrid, 42-43.
- Trajanovski, S., Budzakoska-Gjoreska, B. and Krstanovski, Z. 2006d: Density trends of Crustacea (Amphipoda and Isopoda) from Lake Ohrid. Abstract. Balwois Conference on Water Observation and Information Systems for Decision Support. 23-26 May 2004 Ohrid, Republic of Macedonia, www.balwois.mpl.ird.fr, 264.
- Trajanovski, S., Budzakoska-Gjoreska, B. and Trajanovska, S. 2007c: Summer settlement of Hirudinea in the belt of Charophyta from Lake Ohrid. Abstract Book, 15th Meeting of the group of European Charophytologists (GEC). Book of Abstracts, Belgrade, Serbia, 17.
- Trajanovski, S., Budzakoska-Gjoreska, B., Trajanovska, S. and Zdraveski, K. (2015). HABITAT CHANGE-DRIVING FORCE FOR ENDEMIC/COSMOPOLITAN RATIO PERTURBATION IN THE BENTHIC FAUNA OF ANCIENT LAKE OHRID AND ITS WATERSHED. *Review*, 43(1), pp.113-127.
- Trajanovski, S., Krstanovski, Z. and Budzakoska-Gjoreska, B. 2005: Variations in the density of total macrozoobenthos from Lake Ohrid (profile HBZ-v.RADOZDA) in main depth zones during the period from 1998-2001. The 34th annual Conference of the Yugoslav Water Pollution Control Society „WATER 2005”, Kopaonik, Serbia and Montenegro, 303-306.
- Trajanovski, S., Krstanovski, Z. and Budzakoska-Gjoreska, B. 2005a: Variations in the density of total macrozoobenthos from Lake Ohrid (profile HBZ-v.RADOZDA) in main depth zones during the period from 1998-2001. The 34th annual Conference of the Yugoslav Water Pollution Control Society „WATER 2005”, Kopaonik, 7-10. Jun 2005, 303-306.
- Trajanovski, S., Krstanovski, Z., Budzakoska, B. and Pier, J. 2005: A comparative study on the density of Hirudinea from Lake Ohrid for the period 1963-2003. *Natura Montenegrina*, Podgorica, No 4, 77-82.
- Trajanovski, S., Trajanovska, S. and Budzakoska, B. 2003a: The importance of protection of the belt of stoneworts for the surviving of the benthic macroinvertebrate communities from Lake Ohrid. The 32nd annual Conference of Yugoslav Water Pollution Control Society „WATER 2003”, Zlatibor, 3. - 6. jun 2003, 143-148.
- Trajanovski, S., Trajanovska, S. and Budzakoska, B. 2004a: The belt of reed (*Phragmites communis* TRIN.) from Lake Ohrid as a habitat for the rich and endemic macrozoobenthic communities. Balwois Conference on Water Observation and Information Systems for Decision Support. 25-29 May 2004 Ohrid, Republic of Macedonia
- Trajanovski, S., Trichkova, T., Budzakoska-Gjoreska, B. and Trajanovska, S. (2010): Distribution and habitat preferences of *Dreissena presbensis* in the ancient lakes (Lake Ohrid and Lake Prespa) in Macedonia. *The 39th Annual Conference of the Serbian Water Pollution Control Society „WATER 2010”, Conference Proceedings*, Divcibare, Srbija, 159-164.
- Trajanovski, S., Wilke, T., Budzakoska-Gjoreska, B. and Krstanovski, Z. 2006e: Evolution of the "Dina" Ancient Lake Species Flock (Hirudinea: Erpobdellidae) in Lake Ohrid. Abstract. Speciation in Ancient Lakes 4. International Symposium, Freie Universitat Berlin, Germany, 63.
- Trajanovski, S.; Budzakoska, B.; Kenderov, L.; Zdraveski, K.; Botev, I.; Trichkova, T. (2015): Lake Ohrid tributaries: Natural and potential pathways for invasive alien species introductions: Submitted in *Acta Zoologica Bulgarica*.
- Wagner, B.; Wilke, T.; Krastel, S.; Leng, M.; Reed, J.; Zanchetta, G.; Sulpizio, R.; Reicherter, K.; Grazhdani, A.; Trajanovski, S.; Levkov, Z. & Wonik, T. (2014): More than one million years of history in Lake Ohrid cores. *Eos, Transactions American Geophysical Union*, 95, 25-26.
- Wagner, B.; Wilke, T.; Krastel, S.; Zanchetta, G.; Sulpizio, R.; Reicherter, K.; Leng, M.; Grazhdani,

- A.; Trajanovski, S.; Francke, A.; Lindhorst, K.; Levkov, Z.; Cvetkoska, A.; Reed, J.; Zhang, X.; Lacey, J.; Wonik, T. & Baumgarten H. (2014): The SCOPSCO drilling project recovers more than 1.2 million years of history from Lake Ohrid. *Scientific Drilling*, 17, 19–29. DOI: 10.5194/sd-17-19-2014.
- Wilke, T., Schultheiß, R., Albrecht, C., Bornmann, N., Trajanovski, S., & Kevrekidis, T. (2010) Native *Dreissena* freshwater mussels in the Balkans: in and out of ancient lakes, *Biogeosciences*, 7, 3051–3061.
- Zdraveski, K., Petri, L., Trajanovski, S., Beqiraj, S. and Loshkoska, T. (2016). FIRST CONTINGENT VALUATION OF LAKE OHRID BIODIVERSITY. *International Scientific Journal: Micro Macro & Mezzo Geo Information*, (6), pp.62-74. (IF) 0.722
- Zdraveski, K., Trajanovski, S., Budzakoska-Gjoreska, B. and Trajanovska, S. (2015). THE NATURE OF ECOSYSTEM SERVICES VALUATION: LAKE OHRID - THEORY VS. REALITY. *Review*, 43(1), pp.147-157.
- Trajanovski, S., Budzakoska-Gjoreska, B., Trajanovska, S. and Zdraveski, K. (2015). HABITAT CHANGE-DRIVING FORCE FOR ENDEMIC/COSMOPOLITAN RATIO PERTURBATION IN THE BENTHIC FAUNA OF ANCIENT LAKE OHRID AND ITS WATERSHED. *Review*, 43(1), pp.113-127.
- Trajanovski, S., Budzakoska Gjoreska, B., Trajanovska, S., Zdraveski, K. and Loshkoska, T. 2016. IBI Index application in assessment of the ecological status of Lake Ohrid tributaries. *International Scientific Journal: Micro Macro & Mezzo Geo Information*, Gee-SEE Institute, Skopje, Macedonia. No. 6, ISSN: 1857-9000; EISSN: 1857-9019; 108-120. (IF) 0.722.
- Zdraveski, K., Petri, L., Trajanovski, S., Beqiraj, S. and Loshkoska, T. (2016). FIRST CONTINGENT VALUATION OF LAKE OHRID BIODIVERSITY. *International Scientific Journal: Micro Macro & Mezzo Geo Information*, (6), pp.62-74. (IF) 0.722.
- Trajanovski, S., Budzakoska-Gjoreska, B., Trajanovska, S., Talevska, M. and Zdraveski, K. (2016). Macrophyte vegetation as a structuring factor of the macrozoobenthic communities in Lake Ohrid. *Botanica Serbica*, (40:2), pp. 141-151.
- Budzakoska-Gjoreska, B., Trajanovski S. and Trajanovska S. 2018. Assessing the status of endangered invertebrates from ancient Lake Ohrid: endemic gastropod species *Gocea ohridana*. *Acta Zoologica Bulgarica*. (IF) 0.532
- Trajanovska, S., Talevska, M., Budzakoska Gjoreska, B. and Trajanovski, S. 2018. Evaluation of the eutrophication level of the Lake Prespa's littoral zone through the macrophyte index. *Acta Zoologica Bulgarica*. (IF) 0.532
- Zdraveski, K., Trajanovski, S., Budzakoska Gjoreska, B. and Trajanovska, S. 2018. First Contingent Valuation of the Endemic Species: *Salmo letnica* and *Gocea ohridana* from Lake Ohrid. *Acta Zoologica Bulgarica*. (IF) 0.532
- Trajanovski S., Budzakoska Gjoreska, B., Trichkova, T., Trajanovska, S. and Zdraveski, K. 2018. Benthic fauna invasive alien species in Lake Ohrid watershed: threat or fact? (IF) 0.532
- Loshkoska, T., Trajanovski, S., Zdraveski, K., Patceva, S., Kupe, L., Veljanoska-Sarafiloska, E., Trajanovska, S. and Budzakoska-Gjoreska, B. 2018. Preliminary assessment of the ecological state of some tributaries of Lake Ohrid (Macedonian part) based on the diatom community according to the WFD. *Acta Zoologica Bulgarica*. (IF) 0.532
- Trajanovski, S., Zdraveski, K., Trajanovska, S., Budzakoska, G., B., Veljanoska, S., E., Loshkoska, T., and Trichkova, T.: Conservation of Velidab - Biodiversity Heaven in Lake Ohrid: Species Inventory and Site Valuation. *Acta Zoologica Bulgarica*. (IF) 0.532
- Peyton, J., Trajanovski, S., et al.: 2020. Horizon Scanning to Predict and Prioritize Invasive Alien Species With the Potential to Threaten Human Health and Economies on Cyprus. *Frontiers in Ecology and Evolution*.

- Schneider C. S., Biberčić V., Braho V., Budzakoska Gjoreska B., Cara M., Dana Z., Đurašković P., Eriksen E. T., Hjermann D., Imeri A., Jovanović K., Krizmanic J., Kupe L., Loskoska T., Kemp L. J., Marković A., Patceva S., Rakočević J., Stojanović K., Talevska M., Trajanovska S., Trajanovski S., Veljanovska-Sarafilovska E., Vidaković D., Zdraveski K., Zivić I. & Vermaat E. J. 2020. Littoral eutrophication indicators are more closely related to nearshore land use than to water nutrient concentrations: a critical evaluation of stressor-response relationships. *Science of the Total Environment*, Volume 748 (2020) 141193 (IF) 7.963
- Zdraveski K., Trajanovski S., Trichkova T., Tomov R. & Kalcheva H., 2021: Joint ESENIAS and DIAS Scientific Conference and 9th ESENIAS Workshop Species, Ecosystems and Areas of Conservation Concern under Threat from the Invasive Alien Species. *Acta Zoologica Bulgarica*.
- Trajanovski, S., et al.: 2021: THE INVASIVE AND NONNATIVE SPECIES IN LAKE OHRID: CHRONOLOGY, STATE OF THE ART AND TRENDS. *Acta Zoologica Bulgarica*. Submitted.
- Trajanovski S., Zdraveski K., Budzakoska Gjoreska B. and Trajanovska S. 2021. Invasive and non-native species (INNS) horizon scanning in the ancient Lake Ohrid. Book of Abstracts. ESENIAS and DIAS Scientific Conference and 10th ESENIAS Workshop. Ten years of cooperation and networking on invasive alien species in East and South Europe 07–09 December 2021 Virtual Conference
- Vermaat E. J., Biberčić V., Braho V., Budzakoska Gjoreska B., Cara M., Dana Z., Đurašković P., Eriksen E. T., Hjermann D., Imeri A., Jovanović K., Krizmanic J., Kupe L., Loskoska T., Kemp L. J., Markovic A., Patceva S., Rakočević J., Stojanović K., Talevska M., Trajanovska S., Trajanovski S., Veljanovska-Sarafilovska E., Vidakovic D., Zdraveski K., Zivic I. & Schneider C. S., 2022. Relating environmental pressures to biological water quality indicators in Western Balkan lakes: can we fill the largest gaps?. *Science of the Total Environment*, Volume 804 (2022) 150160 (IF) 7.963
- Piria Marina, 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; 2021: An assessment of regulation, education practices and socio-economic perceptions of non-native aquatic species in the Balkans. *J. of Vertebrate Biology*, 70(4):21047.1-12 (2021).