

PERSONAL INFORMATION



ABUKENOVA VERONIKA SERGEEVNA

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|Date of birth:01/04/1968

PLACE OF WORK, POSITION

Karaganda Buketov University
Zoology Department , Associate Professor

SCIENTIFIC DEGREE, SCIENTIFIC TITLE (ACADEMIC DEGREE)

Candidate of Biological Sciences

WORK EXPERIENCE

Place and date

- **July 1990.** Assistant of Laboratory "**Problem Laboratory**" of the **Biological Faculty** of KarSU
- **September 1990-June 1993.** Postgraduate student of the **Biological Faculty** of KarSU, specialty "Ecology"
- **1993-1997.** Teacher of **Zoology Department** of KarSU
- **1997-2001** Engineer-taxidermist of the "**Museum of Nature**" of KarSU
- **2001-2003** Laboratory assistant of "**Physiology of Adaptation**" laboratory; **Senior lecturer of Zoology Department** of KarSU
- 2007** Senior lecturer of **Zoology Department** of KarSU
- **from 2008** to the present, Associate Professor of **Zoology Department** of Karaganda Buketov University

EDUCATION AND PROFESSIONAL TRAINING

Education

- **1985-1990-Karaganda Buketov State University, Biological Faculty,** "Botany, Genetics and Plant Breeding" Department, specialty "**Biology**", qualification-teacher of Biology and Chemistry (with honors)
- 1990-1993. postgraduate course of KarSU,** specialty "03.00.16. - Ecology"
- **2017-2019. KarSU,** specialty 5B011900 – "**Foreign language: two foreign languages**»

Professional Scientific trips **trainings,**

- from 24 to 27 September 1991, the participation in the **II International Conference on the karyosystematics of the invertebrates** (the Chuvash pedagogical Institute, Cheboksary, Russia) II, article on taxonomy of Oligochaeta in the book "karyosystematics of invertebrates II" (1993).
- September 1992 – internship at the **Institute of Cytology and genetics**, Siberian branch of the Russian Academy of Sciences (**Novosibirsk, Russia**)
- October 1993, May 1994-internship at IEMEH, "**Laboratory of Animal Domestication**", "**Laboratory of Soil Zoology**" (**Moscow, Russia**)
- since 1991, a permanent participant of All-Russian **meetings on Soil Zoology (IX-XVIII)**, publications in collections of conference materials: "Problems of soil zoology". (**Novosibirsk, Tomsk, Yekaterinburg, Tyumen, Irkutsk, Moscow, Russia**)
- Member of the CIS Soil and Zoological Group.
- October 2006-**Internship at the Institute of Hydrobiology of the Chinese Academy of Sciences, Wuhan, China**
- from 20 to 24 April 2009 participation in the **4th International Meeting on Oligochaete Taxonomy (4th IOTM) Diyarbakir, Turkey**
- from 11 to 15 April 2011, participation in the **5th International Meeting on Oligochaete Taxonomy (5th IOTM), Beatenberg, Switzerland**
- September 2011 scientific business trip for expert work in the Balkhash branch of JSC "**AK Altynalmas**", Karaganda region, Kazakhstan
- from 22 to 25 April 2013, participation in the **6th International Meeting on Oligochaete Taxonomy (6th IOTM), Palmeira de Faro, Portugal**
- June 2013 scientific business trip for expert work in Akbakai branch of JSC "**AK Altynalmas**", Zhambyl region, Kazakhstan
- from August 25 to 30, 2013 participation in the **First All-Russian School-Conference on Forest Ecology, Tomsk, Russia**
- August 2015, July 2016 scientific business trip for expert work of **Bakyrchik Mining Enterprise LLP**, East Kazakhstan region, Kazakhstan.
- From 6 to 17 November 2016, participation in the **7th International Meeting on Oligochaete Taxonomy (7th IOTM), Peymon, France**
- from 24 to 29 June 2018, participation in the **8th International Meeting on Oligochaete Taxonomy (IOTM8). Shanghai, China**, and
- **participation in the work of the 11th International Symposium on ecology of earthworms (ISEE 11)- 1st International forum on industry earthworms (IEIF 1)**
- August 2017 workshops and on site field work in the water the waters of the Aksu river, together with the Branch of RSE "**National Center of biotechnology**" of the **Committee of science of MES RK, Stepnogorsk**
- from 10 to 14 September, 2018 participation in the International conference "**Freshwater ecosystems – current challenges**", **Limnological Institute SB RAS, Irkutsk, Russia**
- 15, 19, 25 Feb 2021 online participation in the work of **IV International Arachnological Congress "ArachnoMeeting"**, **Institute of ecology of plants and animals, Russian Academy of Sciences, Yekaterinburg, Russia** (certificate)
- from 12 to 15 April 2021 online participation in the **all-Russian conference of young scientists "Ecology: facts, hypotheses, models"**, as the head works of the masters Captaincies A. G. "**Lepidoptera communities of the city of Karaganda**", Ipaе UB RAS, Ekaterinburg, Russia
- from 16 to 21 August 2021 participation in the **XVIII International Colloquium on Soil Zoology and the XV International Colloquium on Apterygotes, Bozen/Bolzano, South Tyrol, Italy**
- August 15-19, 2022 online participation in the **XIX All-Russian Meeting on Soil Zoology "Biota, genesis and productivity of soils"**, in Ulan-Ude at the Institute of General and Experimental Biology SB RAS

INFORMATION

- certificate of the course "**Innovative technology in the educational process**", issued on 15.10.2005 KarSU
- certificate of the course "**Methods of work on modern chromatographs and spectrometers**", issued on 14.11.2009 KarSU
- certificate of the course "**Professionally oriented English**", issued on 05.06.2010 KarSU
- certificate of the course "**Methods of teaching in distance education technology**", issued on 16.04.2012, KarSU
- Diploma "**Technology Commercialization**" methodology inno Group AG, issued on 08.10. 2012, NA for tech development
- certificate of the participant of the conference "**Biological knowledge-ecological literacy**", issued on 26.03.2014, KarSU
- certificate of the participant of **the International Summer School "Ecotoxicology and Environmental Risk Assessment"**, issued on 14.06.2014, ENU A.N. Gumilyov, Astana
- certificate of the educational PKPC of teachers of pedagogical specialties of higher education institutions "**Modern pedagogical technologies**" issued on 19.11.2016. **JSC National Center for Advanced Training "Orleu"**, Almaty
- certificate of completion of the course "**Learning and teaching in higher education**", issued on 17.11.2016, **Newcastle University, United Kingdom**
- certificate of the participant of the seminar "**Best practices and alternatives to the use of animals in education and training**", issued on 16.06.2016, **International Community for Humane Education "Inter NICHE"**, Coordinator **Nick Jukes; Doctors against animal experiments (Germany) "DAAE"**, Dr. Corina Guericke
- certificate confirming participation in scientific seminars "**Carcinogenesis, cancer treatment and prevention**" from 5 to 17 September 2016, conducted by PhD Michael Danilenko (**Bengurion University of the Negev**)
- certificate confirming participation in the scientific-practical seminar "**Actual problems of clinical and experimental diabetology**," issued 21.02.2017, Director of the Diabetes research group. professor Meiramov. Karaganda Buketov University,
- a certificate of the course "**Integrated course: Modern aspects of biological research (botany, Zoology, physiology and biotechnology)**" issued 04.03.2017 KarSU, Karaganda
- a certificate of the course "**Methods of teaching chemistry and biology subjects in English**" issued 14.01.2019, KarSU, Karaganda
- certificate of the master class "**Big data in health care**" issued 13.03.2019 **Medical University of Karaganda**
- certificate of participation in the seminars 4-6 March 2019 "**International seminar of dinosaur biology and evolution**", **Charlesworth Knowledge**
- certificate of completion of the course on the **Coursera** platform "**English for Media Literature**", **University of Pennsylvania**, issued on 14.02.2020
- certificate of completion of the course on the **Coursera** platform "**English for Science, Technology, Engineering, and Mathematics**", **University of Pennsylvania**, issued on 20.03.2020
- certificate of completion of the course on the **Coursera** platform "**Primate conservation**". **University of Colorado**, issued 04.01.2021
- certificate of completion of the course on the **Coursera** platform "**Bugs 101:Insects –Human Interactions**" **University of Alberta**, issued 17.02.2021
- from February 15 to 26, 2021, certificate of participation in the series of online seminars "**Scientific Analytics:of Sciences and In Cites**", **Clarivate Web of Science**
- certificate of the webinar participant on the topic:"**Publish not perish or how not to perish when publishing**", **Clarivate Web of Science, JSC "Antiplagiat"**, issued

04.03.2021

- certificate of the participant of the master class of the **Belgian Educational Council "Tools to increase student engagement and motivation in online learning"**, issued on 04.03.2021, director of the Belgian Education Council
- certificate of the webinar participant on the topic: **"Borrowings in scientific publications. Citation Culture"**, JSC **"Antiplagiat"**, issued on 09.03.2021
- certificate of the participant of the master class of the **Belgian Educational Council "Method to create a video lesson"**, issued on 11.03.2021, director of the Belgian Education Council
- certificate of the online course: **"Focus on Peer Review/ A Nature Masterclasses online course"**, Springer Nature, issued 14.03.2021
- certificate of the participant of the master class of the **Belgian Educational Council "Inverted class in distance learning"**, issued on 18.03.2021, director of the Belgian Education Council
- certificate online courses **"Digital technologies in biodiversity research"** (72 hours), 31.10.2022-30.11.2022
- certificate of completion of the online course **"Modern nanotechnology"** (72 hours), 2022
- certificate of completion of the course **"Travel and Tourism geography; Ecological approach and geographical impact"** 04.04. 2022-23.04.2022
- certificate of completion of the course **"Methods of digitization of data on flora and fauna and placement on the international platform of biological diversity"** (36 hours), 2023

PERSONNEL QUALITIES

Native language

Russian

LANGUAGE

	UNDERSTANDING		SPEAKING		WRITING
	Hearing	Reading	Oral speech		
Kazakh	basic	basic	basic	basic	basic
LANGUAGE CERTIFICATE: No					
English	A2	B1	B1	B1	B1
LANGUAGE CERTIFICATE: NO					
French	basic	basic	basic	basic	basic
LANGUAGE CERTIFICATE: No					

Digital skills

user: Microsoft Office (Word, Excel, Power Point), statistical data processing programs Statistica 6.0 and Statistical Software; graphic editors (Coreldraw, Adobe Photoshop, Adobe Illustrator), video editing programs (Free Cam, Adobe Premier Pro, Movavi). Knowledge of operating systems: Windows and IOS.

Other skills (hobbies)

musical education; hobbies: translation, macro photography, wildlife garden organization, handmade gardening

ADDITIONAL INFORMATION

in domestic periodicals:

1. Abukenova V. S. On the features of identification of soil microfauna using a projection microfroscope / Bulletin of the Karaganda University. - Biology, Medicine, Geography series. No. 3/2015. pp. 64-73
2. Abukenova V. S, Kachur O. G. Zoogeographic structure of Cerambycidae beetles family from the collection of KarSU Nature Museum / Bulletin of Karaganda University. - Biology, Medicine, Geography series. No. 3/2015. pp. 31-37
3. Blyalova Zh.Zh., Abukenova V.S. Biological methods for the assessment degree pollution of water objects by hydrobionts faunistic structure // Bulletin of the Karaganda University. Series " Biology. Medicine. Geography". № 2(86)/2017. Pp. 31-39
4. Grigoryeva I. V., Abukenova V. S. To the question about trade of bobac in Soviet and post-soviet periods. Series " Biology. Medicine. Geography". № 2(86)/2017. Pp. 48-54
5. Abukenova V.S. Adaptive features of some species of Lumbricidae // Bulletin of the Karaganda University. Series " Biology. Medicine. Geography". № 3(87)/2017. Pp. 26-32
6. Kartbaeva G. T., Abukenova V. S. Ecomonitoring studies of Chlamydotis macqueenii on protected areas in 2017 / Bulletin of Al-Farabi Kazakh National University. Ecological series, No. 1 (54)/ 2018. pp. 110-120
7. Abukenova V. S., Blyalova Zh. Zh. Specification of odonatafauna species diversity in some areas of Karaganda region Bulletin of Karaganda University. Series " Biology. Medicine. Geography". № 2(90)/2018. Pp. 53-58
8. Abukenova V. S., Blyalova Zh. Zh., Blyalova M. Zh. The Nura river saprobity degree determination by hydrobionts species composition / Bulletin of Karaganda University. Series " Biology. Medicine. Geography". № 3(91)/2018. Pp. 40-47
9. Abukenova V. S., Blyalova Zh. Zh., Blyalova M. Zh. Species composition of phytoplankton and phytobenthos of the studied areas of the Bukpa River / Bulletin of the Karaganda University. Series " Biology. Medicine. Geography". № 3(95)/2019. Pp. 41-45
10. Abukenova V. S., Abukenova A. K. Some materials of the 1st International Earthworm Congress / Bulletin of the Karaganda University. Series " Biology. Medicine. Geography". № 1(97)/2020. Pp. 6-14, DOI 10.31489/2020BMG1/6-14
11. Abukenova V. S., Bobrovskaya Z. A Invertebrate animals of landscape gardening lawn cenoses of the city of Karaganda (area of the South-East) Bulletin of Karaganda University. Series " Biology. Medicine. Geography". No. 3 (99) / 2020 P. 6-13, DOI 10.31489/2020BMG3/6-13
12. Abukenova V.S., Kapyonkina A.G. Lepidopteran fauna of the city of Karaganda / Bulletin of the Karaganda University. Series " Biology. Medicine. Geography". No. 3 (99) /2020 P. 14-20, DOI 10.31489/2020BMG3/14-20
13. Abukenova V.S. From the history of research on entomology and plant protection in the Karaganda region, To the 115th anniversary of Boris Nikolaevich Mukhachev. / Bulletin of Karaganda University, Series "Biology. Medicine. Geography". № 1(105)/2022, P. 7-15 DOI 10.31489/2022BMG1/7-15
14. Abukenova V.S. Complexes of pedobionts of black alder forests of the Kazakh Highlands. / Bulletin of Karaganda University, Series "Biology. Medicine. Geography". № 2(106)/2022, - P.7-17 DOI 10.31489/2022BMG2/7-17
15. Abukenova V.S. On the 70th anniversary of the beginning of scientific activity of entomologist and arachnologist Nikolai Borisovich Shlykov / Series "Biology. Medicine. Geography". № 1(109)/2023 – Pp.7-12 DOI 10.31489/2023BMG1/7-12

in foreign periodicals with IF:

1. Abukenova V.S. Earthworm fauna of Kazakh Upland: (Oligochaeta: Lumbricidae) / Zoology in the Middle East. 2010. Vol. 51. pp. 161-169.
2. Abukenova V. S., Khanturin M. R. Adaptive features of life forms in Aporectodea caliginosa: (Oligochaeta: Lumbricidae) / Zoology in the Middle East. 2010. Vol. 51. P. 59-65.
3. Rapoport I. B., Abukenova V. S., Sizemskaya M. L., Makarova O. L. Tamara Semenovna Vsevolodova-Perel (10.06.1930-8.04.2018) / Zoological Journal. T, 98, No. 4, - 2019. pp. 477-482, DOI: 10.1134/S004451341904010X
4. Abukenova, Nadezhda P. Slavchenko, Gulnaz T. Kartbayeva, Amanay B. Myrzabayev, Aliya B. Yeshmagambetova, Nazira M. Duzbayeva, Malika T. Kabbassova and Almira K. Abukenova Composition and Ecological Structure of the Fauna of Litter and Soil True Bugs (Insecta, Heteroptera) in Kazakh Upland (Central Kazakhstan) Pine Forests / Diversity 2022, 14, 618. <https://doi.org/10.3390/d14080618>

The number of published scientific and educational works - more than 150

The Hirsch index based on Clarivate Analytics-2.

The Hirsch index based on Science Index -2.

The Hirsch Index based on Google Scholar-2.

Main publications

Participation in the implementation of scientific projects

- 1 Contract with the Bayanaul GNPP (№. 213, dated 07.08.1992)
2. Fundamental theme of the MES of the Republic of Kazakhstan in 2003-2005 and 2005 (state registration №. 0103RK00138 and № 0206RK00246)
3. KarU project, theme №. 218-B-19 "Cryopreservation of plant and animal biological material for the development of an algorithm for preserving viability and creating a bank of frozen samples".
4. Contract No. 234-B-22 "Development of recommendations for the organization of landscaping of the Shatyrcul mine of the branch of Kazakhmys Corporation LLP for Balkhashtsvetmet.
5. Contract No. 225-B-22 "Research on comparative analysis of the effect of humic fertilizers".
6. Contract No. Z1100131741 on the development of recommendations for the organization of landscaping works on the territory of the Nurinsk Enrichment Plant of the branch of Kazakhmys Corporation LLP for Balkhashtsvetmet.
7. Contract 241-B-23 Conducting hydrobiological analysis and determination of zooplankton and zoobenthos based on a sample from the Dalny Quarry reservoir

Membership in professional scientific organizations

1. Russian Soil and Zoological Community
2. The Group on Earth Observations Biodiversity Observation Network
3. Global Soil Biodiversity Initiative

Awards and titles

Courses

1. Invertebrate zoology
2. The animal world of soils
3. Biology of aquatic organisms
4. Big workshop on Zoology
5. The evolutionary doctrine
6. Entomology
7. Zoology
8. Entomofauna of Kazakhstan
9. Evolution study
10. Practical methods in zoology
11. Field research methods
12. Chronobiology
13. Protection of the animal world
14. Experimental research in zoology

Professional and scientific interests

- Biodiversity of invertebrates animals of Kazakh upland, species composition of different ecosystems in Kazakh upland.
- Collection and publication of data in the GBIF, the global biodiversity database.
- Digitization of zoological collections.

SCIENTIFIC DATABASES IDENTIFIERS

Researcher ID: U-9777-2018
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