



**Anatoly Tsyganov**

1. Candidate of Biological Sciences, Associate Professor of the Department of Ecology and geography of NAO EKV by. S. Amanzholova;

2. Position: Head of the KGKP Branch "Studying-Research Ecobiocentre" of the Ust-Kamenogorsk City. Associate professor of the Department of Ecology and geography of NAO EKV by. S. Amanzholova

**Birth day:** 21.08.1958

**El. mail:** ecobiocentre@list.ru

**Education:**

1980-1985-Ust-Kamenogorsk Pedagogical Institute, estestvenno-geographical faculty, teacher of biology and geography.

2018-2020 Bachelor of Economics, specialty Ecology.

**Academic degree and title:** Candidate of Biological Sciences, Professor of RAE.

**Training disciplines:**

History and methodology of Environmental Science.

Lesovedenie with the basics of lesopark ownership.

Industrial Ecology.

Ecology of livestock and livestock.

Organization of Environmental Research.

Agroecology.

The basics of Environmental Law, Management and marketing.

Environmental rationing and expertise.

Social ecology and sustainable development.

Scientific and ecological projection.

General ecology.

**Professional experience:**

-1985-1986 – head of the Department of ichthyology Osun;

-1986-1987 – scientific collaborator East-Kazakhstan regional historical and cultural museum;

1987-1988-Methodist OSYUN;

1988-1998-director OSYUN (East-Kazakhstan учебно-issledovatel'sky "Ecobiocenter");

1998-1999-head of the scientific center of the VK Institute for improving the qualification of employees of the Department of Education;

1999-2001-deputy director for scientific and methodological work in VK Institute for improving the qualification of teachers of Education;

From 2001-director of the VK Educational-Research Center "Ecobiocenter" in the Department of Education. Head of the Department of ecology of the VKGU im Branch. S. Amanzholova;

From 2002 to present time-the main editor of the regional board of ezhegodny "Regional component in the system of environmental education and education"

From 2003 - expert on Botany from Kazakhstan took part in the international project of biorasno-brasia "Altai - Sayan ecoregion " Oon PROON

From 2006-associate professor of the Department "Ecology and geography" im vku.

S. Amanzholova, head of the Department of Ecology and geography of the KGCP "educational and research ecobiocenter" Department of education for Ust-Kamenogorsk City Education Management vko.

From 2017 to present time-the main editor of the regional magazine "Abstract Journal of young students"

From 2019-expert on geobotany

Kazakhstan in the international project "

Monitoring of the organization and development of the ecosystem of the OOP in the Oon pron

	<p><b>Basic scientific works:</b></p> <p>Author of more than 150 scientific and methodological works.</p> <ol style="list-style-type: none"> <li>1. Flora khrebta Tarbagatai (Southern Altai) (monograph) Ust-Kamenogorsk, 1992, 75 p.</li> <li>2. Flora and flora of the South-Eastern Tarbagataya (monograph) izd-Vo VKGU, Ust-Kamenogorsk, 2001, 164 P</li> <li>3. flora and flora of the South-Eastern Tarbagataya (monograph) Ust-Kamenogorsk: Izdatelstvo VKGU named after S. Amanzholova, 2012. - 190C.</li> <li>4. development of the system of children's natural work in eastern Kazakhstan (monograph) in KN.: "Development of the system of children's natural work in eastern Kazakhstan". Ust-Kamenogorsk, izd "BIOS", 2018, 225str.</li> <li>5. study of the mineral status of the body of workers of the main workshops of the titanium-magnesium plant 2023 <a href="https://biology-medicine-geography-vestnik.ksu.kz/apart/2023-110-2/06.pdf">https://biology-medicine-geography-vestnik.ksu.kz/apart/2023-110-2/06.pdf</a></li> <li>6. Enviromental and industrial impact on the Biological Systems of Living Organisms 2023 <a href="https://www.doi.org/NLSC.2023.015">https://www.doi.org/NLSC.2023.015</a></li> <li>7. experimental assessment of the impact of unproblematic factors on titanium-magnetic production 2020 <a href="https://journal.neark.kz/wp-content/uploads/pdf/2020-3/13">https://journal.neark.kz/wp-content/uploads/pdf/2020-3/13</a></li> <li>8. resolution of the distribution of unfaithful production factors at the declaration of industrial safety at unfaithful production facilities in 2020 <a href="https://acagor.kz/media/uploads/citech-2020/CITech_Part2_Final.pdf">https://acagor.kz/media/uploads/citech-2020/CITech_Part2_Final.pdf</a></li> <li>9. Enviromental and industrial impact on the Biological Systems of Living Organisms 2023 <a href="https://www.doi.org/NLSC.2023.015">https://www.doi.org/NLSC.2023.015</a></li> </ol>
<p><b>Course improvement of qualification and internship:</b></p>	<ol style="list-style-type: none"> <li>1.scientific and pedagogical internship in Germany, Düsseldorf,2014.</li> <li>2. Environmental rationing and standardization from 09 April 2018 to 18 April 2018.</li> <li>3." Ecology" in the framework of the updated education " from 04 February 2019 to 15 February 2019.</li> <li>4. modern technologies for the formation of key competencies of teachers of the direction of Ecology and biology in organizations of additional education on May 19, 2017 (36 chapov)</li> <li>5."safety of life and protection of the surrounding environment during critical situations". from 10 June 2019 to 22 June 2019.</li> <li>6.Special instrumental studies in geoecological monitoring, Barnaul FGBOU Vo "Altai State University" from 01 September 2021 to 30 September 2021.</li> <li>7.fundamentals of the system of Environmental Protection. Barnaul FGBOU Vo "Altai State University" from March 14, 2022 to April 01, 2022.</li> </ol>
<p><b>Awards:</b></p>	<ol style="list-style-type: none"> <li>1) Medal of the University im.S. Amanzholova 2023</li> <li>2) Medal 100 years of additional education 2021g</li> <li>3) Medal for the development of the city in 2022</li> <li>4) medal 60 years EKV</li> <li>5) Medical 70 years EKV</li> <li>6)Certificate of Honor "for achievements in the spiritual and social development of independent Kazakhstan and contribution to education"</li> </ol>