

Dr. Shahnaz Amanova

Adjunct Professor



Email: shahnaz.amanova@khazar.org,

Phone/WhatsApp: (+994) 70 265 95 68

Dr. Shahnaz Amanova received a Ph.D. degree in Physical Geography, biogeography, soil geography, geophysics and geochemistry of landscapes in 2018. Currently, she is about to defend her doctorate in geographical sciences.

She is the computer developer of the geography atlas for secondary schools, 1:600,000 scale physical and political wall maps of Azerbaijan, physical and political wall maps of the world. Amanova Sh. Is the author of a set of map schemes published in 2022.

Amanova has the skills to work in office (Word, Excel, power Point, Access), design (Corel Draw) and mapping (ArcGIS, ArcMap, ArcCatalog, ArcScene, ArcGlobe, Google Earth, Sasplanet) programs.

Shahnaz Amanova conducts research in the direction of Geographical Information Systems and Remote Sensing, monitoring vegetation and environment by processing satellite images.

In 2023, she participated in the "Exchange of experience on precision farming" program organized by FAO in the Czech Republic.

She is the author of more than 60 scientific works.

Publications

1. Formation of urban landscapes. *News Of Tula State University Of Earth Science*, Issue 4, 2023, 27-39
https://tidings.tsu.tula.ru/tidings/pdf/web/preview_therest_ru.php?x=tsu_izv_earth_scienc_e_2023_04_a&year=2023
2. Basic construction-ecological norms in urban systems and ecogeographic consequences of sustainable development of urban areas (in Sabirabad city representation). *Journal of Geography, Geology and Geoecology*, 2023, 32(3), 441-449 <https://geology-dnu.dp.ua/index.php/GG/article/view/1031>
3. Study of urban landscapes in Azerbaijani cities. *Universidad y Sociedad*, 2023,15(5), 93-103 (L.Hasanaliyeva, Kh.Dadashova)
<https://rus.ucf.edu.cu/index.php/rus/article/view/4055>
4. Investigation of natural condition in urban landscapes of plain areas based on GIS. *Proceedings of the Bulgarian Academy of Sciences*, 2023, 1680-1686
<https://www.proceedings.bas.bg/index.php/cr/article/view/417/406>
5. Eco-geographical assessment of urban landscape development dynamics on the basis of GIS. *News of the Academy of Sciences of the Republic of Kazakhstan «Halyk» Private Foundation, Series Of Geology And Technical Sciences*, 2023, 5 (461), 45-58
<http://www.geolog-technical.kz/assets/20235/4.%2045-57.pdf>
6. Modeling of urban landscape (in image of the cities of Mil and Mugan plain). *Journal of the Tula State University of Earth sciences* Issue 2, 2023, 3-84
https://tidings.tsu.tula.ru/tidings/pdf/web/preview_therest_en.php?x=tsu_izv_earth_scienc_e_2023_02_a&year=2023
7. Investigation of effects of land use and land cover on environment of urban landscape based on GIs. *The proceedings of the 6th Intercontinental Geoinformation Days*, 13-14 June, Baku
8. Study of land use in urban landscapes with GIS technologies. Natural resource potential and ecological rehabilitation of degraded landscapes, *Materials of the International Scientific and Practical Conference March 17 - 18, 2023, Grozny – 2023*
9. Classification of urban landscapes. *VI Caucasian International Environmental Forum*, 2023,
10. Geo-Ecological Situation And Forecasting Of Coastal Cities Of Azerbaijan. *Grozny Natural Science Bulletin*. Volume: 7 Issue: 1 (27) Year: 2022.
11. Anthropogenic dynamics and development trends of the urban landscape. *Geography and Natural Resources*. 2022, No. 2

12. The impact of urban development on the environment (in the example of the city of Neftchala). *News of Azerbaijan State Pedagogical University*. 2022, C 70, No. 2 https://adpu.edu.az/images/adpu_files/elm/elmi-jurnallar/01rtes/rtes-2-2022.pdf
13. Effects of urban development on vegetation. *Nakhchivan State University. Journal of Scientific Works*. 2022 #3 (116), <https://ndu.edu.az/wp-content/uploads/Elmi%20Eserler/TEBIET-2022.pdf>
14. Developing cities and their problems. *Nakhchivan University, Journal of Scientific Works*, 2021 No. 3, 198-205 <https://nu.edu.az/elmieserler/2021-3.pdf>
15. Impact of urban development on agricultural land. *Soil-ecological problems of agroecosystems and their solutions*, May 23-25, 2021, 44-48
16. Demographic management of small and medium cities. *Young researcher*. 2021, 2, https://gencalimler.az/uploads/Genc_Tedkhilhatci_2021.N2.pdf
17. Development dynamics of small and medium cities. *Young researchers and international scientific conference dedicated to the 98th anniversary of the birth of national leader Heydar Aliyev*, April 29-30, 2021, 535-536 http://yric.az/books-2021/BOOK_1.pdf
18. Role of GIS (Geographic Information Systems) on management of riverine (sample area along Kura river). *International Conference "Environmental Challenges in the Black Sea Basin: Impact on Human Health"*, Galati, Romania, 2019, 250-252 https://www.researchgate.net/publication/344788756_Abstract_Book_International_Conference_Environmental_Challenges_in_the_Black_Sea_Basin_Impact_on_Human_Health_Galati_Romania_23-26_September_2020
19. Research of water resources around urban landscapes based on remote sensing and geographic information systems (in the case of Lake Hajigabul). *Water problems: Science and technologies*. 2020,2(16), 39-52
20. Analysis of tourism climate index in urban landscapes. *Materials of the 1st republic scientific-practical conference on "Digital socio-cultural services in the innovative management system"*, (Azerbaijan University of Culture and Arts), 2020, 184-187
21. Investigation of the dynamics of landscapes on the basis of vegetation indication. *Ankara University Journal of Environmental Sciences*, 2019, 14-26, Turkey, Ankara, <https://dergipark.org.tr/tr/download/issue-full-file/51058>