

Daria Minakova

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Education

Clark University, Worcester, MA

Masters of Science, Environmental Science and Policy, expected May 2025

GPA 3,9/4

Kazan Federal University, Kazan, Russia

Bachelor of Science, Ecology and Nature Management, Department of Applied Ecology, July 2023

GPA 3,54/4

Experience

Formed a database on external nutrient load for the territory of the Republic of Tatarstan in Surfer 7.0

Typed underlying surface landscapes using NASA Landsat 8 satellite images

Visualized information using MapInfo software

Developed management measures to minimize surface runoff from the watershed

Manually decoded and cadenced gully erosion in the territory of Predkamye of the Republic of Tatarstan using QGIS and MapInfo software

Modeled and analyzed space data based on geological strata of the Republic of Tatarstan

Detected and assessed microplastics in the waters of the Mesh and Kama rivers of the Republic of Tatarstan

Built Spatial Variable Models with the Surfer Software

Intern, EcoLeader, Kazan, Russia

8/22 -10/22

Utilized QGIS and EasyTrace Pro for establishing boundaries of protection zones around watercourses and reservoirs, determining the extent of areas susceptible to flooding adjacent to shorelines, and performing detailed inventories of water bodies

Study of the U.S. Institutes (SUSI), NV

6/22-7/22

Completed the U.S. Institutes for Student Leaders from Europe (SUSI) program at the University of Nevada, Reno, focusing on climate change and environmental issues, particularly on combating disinformation. For my final presentation, I developed a project designed to increase environmental awareness among scholars in Kazan

Youth Dialogue on Climate Change in the Biodiversity Working Group, The American Center in Moscow, Moscow, Russia

1/22-2/22

Led a team in developing a project that analyzed the link between biodiversity decline and escalating eutrophication in the Russian Federation, culminating in the formulation of strategic recommendations to mitigate eutrophication

Worldwide Teach-In on Climate and Justice Social Media, Bard College, NY (online)

1/22-3/22

Developed and published engaging Instagram content to raise awareness about the climate crisis and successfully organized and conducted a series of educational events in Kazan schools focusing on sustainable development

Professional Development

Beijing Institute of Technology, Beijing, China (online)

7/22

Successfully completed the 'Cloud Lesson' - 2022 Green Transportation & Intelligent Manufacturing program, offered by the Office of International Students. Acquired key skills in intelligent manufacturing, contributing to a comprehensive understanding of sustainable transportation and advanced manufacturing technologies

Transforming Our World: The 2030 Agenda for Sustainable Development, Kanazawa University, Kanazawa, Japan (online)

7/21

Participated in a panel discussion on the Sustainable Development Goals, focusing on a comparative analysis of Russian and Japanese cultural approaches to achieving these goals. Enhanced skills in cross-cultural communication, analytical thinking, and collaborative problem-solving

Recognition

11/22

Co-authored a published study titled 'Spatial Variability of External Nutrient Load in the Territory of the Republic of Tatarstan' (DOI: 10.24412/1816-1863-2022-3-6-11), demonstrating significant research contributions in environmental science

7/22

Recognized as the sole finalist from Russia for the fully-funded Study of the U.S. Institutes program on Environmental Issues, distinguishing myself among 338 applicants

3/22

Received an award from Bard College Center for Environmental Policy for exemplary communication and outstanding leadership and facilitation skills during the 2022 Climate Justice in Social Media Internship, online

12/21

Awarded a second-degree diploma in Environmental Dictation in the category of ecologist students over 18 years old by the Federal Center for Continuing Education

11/21

Awarded a second-degree diploma in the second stage of the eco marathon, recognizing a caring attitude towards the future of our planet, during the Year of Germany in Russia event organized by GIZ-Deutsche Gesellschaft für Internationale Zusammenarbeit

11/21

Recognized as an active participant in the Model European Union Athens Conference, representing a delegate role in the European Parliament simulation.

11/20

Awarded a second-degree diploma for the second stage of the eco marathon, in recognition of a dedicated approach to the future of our planet, during the Year of Germany in Russia, organized by GIZ-Deutsche Gesellschaft für Internationale Zusammenarbeit

Community engagement

Volunteer at the Center for Ecological Policy and Culture in Kazan

9/21-5/23

Assisted in organizing Nightingale Nights 2020 for the Russian Bird Protection Union

5/21

Assisted in organizing the panel discussion for the Environmental project "Clean Volga"

07/21

Volunteered for the production of the film Earth Charter in Tatarstan

1/21-5/21

Assisted in organizing The National Ecology Project - A Child's View

9/20-12/20

Leadership

Environmental Journalism: Simple About the Difficult by EcoWiki

12/22

Participated in the CIS Youth Forum on Sustainable Development Goals hosted by the Ministry of Education of the Russian Federation

10/22

Member of the "Model European Union Athens 2021" conference at the European Parliament

11/21

Member of the international conference "The Beacon of Russia's Achievements", online

6/21

Participated in "Transforming Our World: The 2030 Agenda for Sustainable Development" by Kanazawa University, online

7/21

Skills

Programs: ArcGIS Pro, QGIS 3.16.11, Surfer 7.0, MapInfo Pro, EasyTrace Pro, Statistica Advanced, Photoshop CS6, R 4.2.2, RStudio 7. x, Microsoft Office 2019
Languages: Russian- C2, English-C1, Tatar-B1, French-A1