

# Nare Hovik Darbinyan

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## Research Institute of Biology

Applied Ecology and Environmental Research Laboratory (AEER- Lab)  
Junior Researcher

## Education

<b>Institution</b>	YSU
<b>Faculty</b>	Faculty of Biology
<b>Date</b>	2023 - 2025
<b>Degree name</b>	Masters

<b>Institution</b>	YSU
<b>Faculty</b>	Faculty of Biology
<b>Date</b>	2019 - 2023
<b>Degree name</b>	Bachelor

## Language skills

Հայերեն Русский English

## Work experience

<b>Institution</b>	Biological Research Institute
<b>Period of time</b>	2025 till now
<b>Rank/degree</b>	Senior laboratory assistant

## Participation in international conferences and seminars

<b>24/09/2025 - 26/09/2025</b>	"Biological Sciences and Environmental Solutions for the Achievement of Sustainable Development Goals (SDGs)" YSU Armenia
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## State awards and honorary titles

2024 "YSU Best Student-2024"

## Publications

*Article*

**Sustainable Management of Saline Soils: Insights into Organic Amendments for Enhancing Soil Health and Crop Resilience**

Abhishek Singh, Armine Chakhmakhchyan, Nare Darbinyan, Sakshi Singh, Ani Hayrapetyan, Rupesh Kumar Singh, João Ricardo Sousa, Derdzyan Tatevik, Hrant Khachatryan, Karen Ghazaryan  
Biogeosystem Technique 2025 36-47

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*Article*

**Foliar and soil application dynamics: investigating the transport and mechanism of biogenic nanoparticles in the plant tissues**

Shivangee Solanki, Shreni Agrawal, Indrani Bhattacharya, Abhishek Singh, Darbinyan Nare, Rupesh Kumar Singh, Francisco Roberto Quiroz-Figueroa, João Ricardo Sousa, Henrique Trindade, Mohamed S. Elshikh, Arunava Pradhan, Karen Ghazaryan  
Biogenic Nanoparticles Interplay with Climate Change and Implications for Human Health 2025 209-226

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*Conference*

**Impact of Different Methods Priming on Germination of Different Genotypes of Wheat (*Triticum Aestivum L.*) Under Salinity Stress**

Nare Darbinyan, Armine Chakhmakhchyan, Ani Hayrapetyan, Abhishek Singh, Sakshi Singh, Karen Ghazaryan

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*Conference*

**Nanoparticle-Mediated Alleviation of Copper Heavy Metal Stress in Armenian Barley (*Hordeum vulgare L.*) Genotypes to Enhance Germination and Seedling Growth Traits**

Ani Hayrapetyan, Abhishek Singh, Armine Chakhmakhchyan, Nare Darbinyan, Sakshi Singh, Karen Ghazaryan

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*Conference*

**Effect of Nanoparticles on Germination and Seedling Tolerance Traits of Armenian Genotypes of Wheat (*Triticum Aestivum L.*) Under Salinity Stress**

Armine Chakhmakhchyan, Abhishek Singh, Nare Darbinyan, Sakshi Singh, Karen Ghazaryan

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