


# Nare Hovik Darbinyan

 nare.darbinyan@ysu.am



## Research Institute of Biology

Applied Ecology and Environmental Research Laboratory (AEER- Lab)

Senior laboratory assistant

## Education

Institution	YSU
Faculty	Faculty of Biology
Date	2023 - 2025
Degree name	Masters

Institution	YSU
Faculty	Faculty of Biology
Date	2019 - 2023
Degree name	Bachelor

## Language skills

Հայերեն Русский English

## Work experience

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

## Participation in international conferences and seminars

24/09/2025 - 26/09/2025	"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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