

# Nairuhi Mkhitar Jrbashyan

✉ n.jrbashyan@ysu.am



## Faculty of Economics and Management

Chair of Mathematical Modeling in Economics

Associate professor

## Education

<b>Institution</b>	Yerevan State University
<b>Faculty</b>	Mathematical modelling in economy
<b>Date</b>	2006 - 2007
<b>Degree name</b>	Applicant

<b>Institution</b>	Yerevan Institute of National Economy
<b>Faculty</b>	Economic-mathematical methods and modelling
<b>Date</b>	1988 - 1992
<b>Degree name</b>	PhD student

<b>Institution</b>	Yerevan Institute of National Economy
<b>Faculty</b>	Economic Cybernetics
<b>Date</b>	1979 - 1984
<b>Degree name</b>	Qualified specialist

## Scientific Rank/degree

<b>Institution</b>	Yerevan State University
<b>Date</b>	2007
<b>Degree name</b>	Candidate
<b>Specialty</b>	Economic sciences
<b>Scientific Supervisor</b>	Aram Araqelyan
<b>Research Topic</b>	Modelling of socio-economic disparities in the regions of the Republic of Armenia

## Language skills

Հայերեն English Русский

## Work experience

<b>Institution</b>	Yerevan State University
<b>Period of time</b>	2013 till now
<b>Rank/degree</b>	Associate professor

<b>Institution</b>	Armenian Eyecare Project Charity Foundation
<b>Period of time</b>	2006 till now
<b>Rank/degree</b>	Monitoring and Evaluation Director

<b>Institution</b>	"AVAG solutions" Consulting Company
<b>Period of time</b>	2006 till now
<b>Rank/degree</b>	Senior Consultant

<b>Institution</b>	UNDP Armenia
<b>Period of time</b>	2001 - 2006
<b>Rank/degree</b>	National Consultant

<b>Institution</b>	Yerevan State University
<b>Period of time</b>	2001 - 2013
<b>Rank/degree</b>	Assistant

<b>Institution</b>	National Statistical Service of RA
<b>Period of time</b>	1996 - 1999
<b>Rank/degree</b>	Assistant Programmer

<b>Institution</b>	Institute of Economics and Planning
<b>Period of time</b>	1984 - 1996
<b>Rank/degree</b>	Junior Scientific Worker

## Scientific interests

- Modeling and forecasting in the areas of macroeconomics, social sphere, labor market, development and consulting on the development of socio-economic policy and strategy
- Advising state and international organizations (including the Government of the Republic of Armenia, the World Bank, UN agencies, USAID, the Friedrich-Ebert-Stiftung, the European Training Foundation, etc.) in the fields of economic policy, education, he
- Methodology for the development of data collection and analysis tools, development of quantitative and qualitative studies and their methodologies, sampling methodology, statistical and econometric analysis of databases
- Econometric modeling and forecasting in macro- and microeconomics, econometric methods and tools, statistical data analysis and econometric modeling packages: SPSS, Eviews, SAS, STATA
- Regional development disparities, models and approaches of assessment and mitigation

## Participation in international conferences and seminars

<b>02/06/2003 - 04/06/2003</b>	International conference on Macroeconomics and International Economics University of Utah United States of America (the)
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<b>19/05/2003 - 02/06/2003</b>	Intensive summer course on "Knowledge Networking Program on Macroeconomics and International Economics" University of Utah United States of America (the)
<b>05/07/2004 - 09/07/2004</b>	International workshop for users of the DEVINFO package for mapping macroeconomic and social indicators Switzerland
<b>21/08/2004 - 28/08/2004</b>	Training course and seminar on "Teaching an advanced course on econometrics" New Economic School of Moscow Armenia
<b>17/09/2019 - 19/09/2019</b>	International conference: Tropentag 2019 International Research on Food Security, Natural Resource Management and Rural Development Germany
<b>07/01/2019 - 07/06/2019</b>	ERASMUS + Program "From Theoretical-Oriented to Practical Education in Agrarian Studies/TOPAS 585603-EPP-1-2017-1-DE-EPPKA2-CBHE-JP National University of Life and Environmental Sciences of Ukraine Ukraine
<b>13/02/2019 - 26/02/2019</b>	ERASMUS + Program "From Theoretical-Oriented to Practical Education in Agrarian Studies/TOPAS 585603-EPP-1-2017-1-DE-EPPKA2-CBHE-JP Weihestephan-Triesdorf University of Applied Sciences Germany

## Publications

### Article

#### **DYNAMIC LINKAGES BETWEEN REGIONAL AND ARMENIAN AQUACULTURE: EVIDENCE FROM PCA AND ARDL ERROR CORRECTION ANALYSIS**

Nairuhi Jrbashyan, Gayane Ghukasyan

Ֆինանսներ և հաշվապահական հաշվառում (Economics, Finance and Accounting) 2025 26-41

### Article

#### **Evaluation of an AI algorithm trained on an ethnically diverse dataset to screen a previously unseen population for diabetic retinopathy**

Nairuhi Jrbashyan, Rao, Divya P, Florian M, Sivaraman, Anand, Dutt, Sreetama, Shahsuvaryan, Marianne, Hambardzumyan, Narine, Yeghiazaryan, Nune, Das, Taraprasad

Indian Journal of Ophthalmology 2024 1162-1167

### Article

#### **Ընտանիքի կենսամակարդակի բարձրացմանն ուղղված նպաստների ծրագրի շահառուների սեգմանտավորումն ու հիմնական բնութագրիչների էկոնոմետրիկ մոդելավորումը**

Ն. Մ. Ջրբաշյան

Հայաստանի ճարտարագիտական ակադեմիայի լրաբեր 2024 36-45

*Article*

**Pattern and prevalence of eye disorders and diseases in school-aged children: findings from the Nationwide School Sight Sampling Survey in Armenia**

Nairuhi Jrbashyan, Nune Yeghiazaryan, Abu Sikder, Sudha Nallasamy, Mark W Reid, Roger Ohanesian, Thomas C Lee, Juan Espinoza

BMJ OPEN OPHTHALMOLOGY 2022 8

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*Article*

**Դրամական փոխանցումների ազդեցությունը Հայաստանի Հանրապետության տնտեսական աճի վրա**

Ն. Մ. Ջրբաշյան, Լ. Հ. Չիլֆիմյան

Հայաստանի ճարտարագիտական ակադեմիայի լրաբեր 2018 349-354

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*Article*

**Էկոնոմետրիկայի դասավանդման որոշ մեթոդներ**

Նաիրուհի Ջրբաշյան

Մանկավարժական միտք 2015 212-217

[http://zangak.am/product\\_info.php?cPath=29\\_134&products\\_id=1288](http://zangak.am/product_info.php?cPath=29_134&products_id=1288)

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*Manual*

**Էկոնոմետրիկ մոդելավորումը EViews փաթեթի օգտագործմամբ**

Նաիրուհի Ջրբաշյան

2013 75

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*Conference*

**Экономический рост, бедность и неравенство в республике Армения до и после кризиса**

Джрбашян Наируи Мхитаровна

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*Conference*

**The Formation of Foreign Direct Investments on Agricultural Scale and its Economic Consequences**

NAIRUHI DJRBASHYAN, ARAM ARAKELYAN, ARAM KARAPETYAN

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*Conference*

**Sampling of Data and Information on Agriculture on a Regional Scale in Armenia**

NAIRUHI DJRBASHYAN, ARAM ARAKELYAN, ARAM KARAPETYAN

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*Conference*

**Armenian EyeCare Project work in diagnosis and treatment of diabetic retinopathy**

Nairuhi Jrbashyan, Nune Yeghiazaryan, Varvara Kalashyan

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