

CURRICULUM VITAE

Stepanyan, Davit

Date of Birth: 30.07.1991
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Education

Since 01.2016 PhD Candidate in Agricultural Economics, **Humboldt University of Berlin**, Faculty of Life Sciences, International Agricultural Trade and Development Group, Germany.
Dissertation title: *Improving the Depiction of Uncertainty in Economic Simulations by Exploiting the Potential of Gaussian Quadratures*

10.2013 – 11.2015 Master of Science in Agricultural Economics, **University of Hohenheim**, Faculty of Agricultural Sciences, Germany.
Thesis title: *From Static to Dynamic-Stochastic Agricultural Partial Equilibrium Models: The Role of Price Expectations and Stockholding*. Grade: “very good”.

08.2011-05.2012 Exchange student, **Delta State University**, College of Business, MS, USA

09.2008- 06.2013 Bachelor of Science in Commerce, **Armenian State University of Economics**, Faculty of Marketing and Business Organization, Armenia
Thesis title: *The Role and Attractiveness of Free Economic Zones in the Armenian Economy*. Grade: “very good”.

Professional Experience

Since 04.2016 **Research associate**, Humboldt University of Berlin, Faculty of Life Sciences, International Agricultural Trade and Development Group, Germany.
Research focus: Stochastic modeling of agricultural markets
Projects: 1. *The Water-Energy-Food Nexus - Global Basin and local Case Studies of Resource Use Efficiency under the CGIAR*; 2. *Evaluating the Policy of Achieving Self-Sufficiency of Rice under Crop Yield Uncertainty in Bhutan: A Stochastic CGE Model Approach*; 3. *Water Pricing under Climate Uncertainty*.

06.2018-08.2018	YSSP participant, Research Assistant , International Institute for Applied Systems Analysis (IIASA), Ecosystems Services and Management Group. Research focus: Application of Gaussian Quadratures in the Global Biosphere Management Model (GLOBIOM) as an Efficient Approach to Uncertainty Analysis.
Since 04.2016	Teaching assistant , Humboldt University of Berlin, Faculty of Life Sciences, International Agricultural Trade and Development Group, Germany. Courses: Partial and General Equilibrium Models in the Analysis of Markets and Policies (GAMS). Master-level. Applied Computable General Equilibrium Modeling. PhD level
11.2015-03.2016	Graduate student assistant , University of Hohenheim, Faculty of Agricultural Sciences, Institute of Agricultural and Food Policy, Germany. Research focus: Literature research, recursive-dynamic, stochastic partial equilibrium model development.
10.2014-03.2015	Teaching assistant , University of Hohenheim, Faculty of Agricultural Sciences, Institute of International Agricultural Trade and Food Security, Germany. Course: Applied Econometrics.

Scholarships and Awards

01.2019	Honorable Mention for the paper: "Application of Gaussian Quadratures in the Global Biosphere Management Model (GLOBIOM) as an efficient approach to uncertainty analysis", IIASA, Laxenburg, Austria
05.2018	YSSP fellowship, IIASA German National Member Organization
09.2014	DAAD Study Scholarships for Graduates of all Disciplines, Germany
09.2012	Excellence Scholarship, Ministry of Education and Science of the Republic of Armenia
08.2011	Global Undergraduate Exchange Program on behalf of the Bureau of Educational and Cultural Affairs of the United States Department of State (Full scholarship to spend one academic year in one of the US universities)

Extra-Curricular Achievements

11.2013 – 11.2015	International Students Representative of the University of Hohenheim
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10.2013 – 12.2014

Project Leader, Enactus Hohenheim

Memberships

Society for Decision Making Under Deep Uncertainty

Society for Industrial and Applied Mathematics

Languages

Armenian (native), English (fluent), Russian (fluent), German (intermediate)

Computer Skills

MS Office (advanced), GAMS (advanced), Simetar (advanced), Wolfram Mathematica (good), @Risk (good), Statgraphics (good), MATLAB (good), Stata (good), R (good).

Berlin, 10.12.2019