

Mr. Nizamul Islam
Research Scientist
Living Conditions
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Research summary

Dr. Nizamul Islam studied at the School of Economics and Commercial Law, University of Gothenburg, Sweden, where he obtained his doctorate (2006) in economics. At the University of Gothenburg, Dr. Nizamul also served as a research fellow (2006-2007) and worked with a model of the fuel market that needs to have both a demand equation and a tax setting equation. Since 2007, he has been a researcher at the Luxembourg Institute of Socio Economic Research (LISER). He specializes in behavioral Micro simulation, and has expertise in Discrete Choice Labor supply model, Optimal Taxation, Poverty dynamics. Since 2019, he has been country (Luxembourg) coordinator of Tax-benefit microsimulation model for the European Union (EUROMOD). Dr. Nizamul has been a Visiting Research Fellow at the European Commission's Directorate-General for Taxation and Customs Union (DG TAXUD) for 2017-2020. He has particular expertise in software programming and econometric computing for model analysis. Jointly with Professor Lennart Flood, he has developed a behavioral microsimulation model for Luxembourg 'LuxTaxBen'. His publication record includes Economic modelling, Empirical economics, Economic letters, Applied Economics Letters, The Japanese Economic Review, Brussels economic review, and International journal of micro-simulation.

Qualifications

Economics and business, PhD, SCHOOL OF BUSINESS, ECONOMICS AND LAW, Gothenburg University, Sweden
Award Date: 1 May 2006

Employment

Research Scientist

Living Conditions
Luxembourg Institute of Socio-Economic Research LISER
Esch-sur-Alzette, Luxembourg
1 Sept 2007 → present

Visiting Fellow

European Commission - DG Taxation and Customs Union (DG TAXUD)
Belgium
1 Sept 2017 → 30 Sept 2020

Invited lecturer

University of Ghana, Department of economics
Ghana
1 Jan 2014 → 1 Jan 2014

Invited lecturer

National Academy for Planning and Development, Ministry of Planning, Dhaka
Bangladesh
1 Jan 2012 → 1 Jan 2012

Research Fellow

University of Gothenburg
Sweden
1 Sept 2006 → 31 Aug 2007

Financial Analyst (Senior Officer)

Sonali Bank

Bangladesh

1 Sept 1995 → 12 Oct 2000

Research outputs

Lost jobs, new jobs and optimal tax-transfer reforms

Colombino, U. & Islam, N., 7 Oct 2024, In: *Social Choice and Welfare*.

Micro-simulation analysis of joint to individual taxation in Luxembourg

Islam, N., Jan 2024, In: *Cahiers de fiscalité luxembourgeoise et européenne*. 2023, 2

Combining Microsimulation and Numerical Maximization to Identify Optimal Tax-Transfer Rules

Colombino, U. & Islam, N., 31 Aug 2022, In: *International Journal of Microsimulation*. 15, 2, p. 4-43 40 p.

Poverty dynamics in Nairobi's slums; Testing for state dependence and heterogeneity effects

Islam, N. & Ousmane, F., Jun 2022, In: *Economia*. 45, 90, p. 48-73

Multinomial Employment Dynamics with State Dependence and Heterogeneity: Evidence from Japan

Okamura, K. & Islam, N., Aug 2021, In: *Economic Modelling*. 101, 105554.

Effects of the Timing of Childbirth on Female Labor Supply: An Analysis using the Sequential Matching Approach

Kazuaki, O. & Islam, N., 3 Jan 2021, In: *Applied Economics*. 53, 28, p. 3253-3266 14 p.

Household size and poverty

Fusco, A. & Islam, N., 26 Nov 2020, In: *Research on Economic Inequality*. 28, p. 151-177

Housing Preferences for Adaptive Re-use of Office and Industrial Buildings: Demand Side

Glumac, B. & Islam, N., 1 Nov 2020, In: *Sustainable Cities and Society*. 62, p. 102379 8 p., 102379.

A Tax Benefit Model for Policy Evaluation in Luxembourg: LuxTaxBen

Islam, N. & Flood, L., 1 Apr 2020, *Statistics for Data Science and Policy Analysis*. Rahman, A. (ed.). Singapore: Springer, p. 305-318 14 p.

The case for NIT+FT in Europe. An empirical optimal taxation exercise.

Islam, N. & Colombino, U., 1 Nov 2018, In: *Economic Modelling*. 75, p. 38-69 32 p.

Basic Income and Flat Tax: The Italian Scenario.

Islam, N. & Colombino, U., 1 Oct 2018, In: *CESifo Forum*. 19, 3, p. 20-29 9 p.

The rise of working pensioners: the Swedish case.

Flood, L. & Islam, N., 1 Jan 2016, In: *Nordic Tax Journal*. 5, p. 41-66

Taxes, wages and working hours.

Ericson, P., Flood, L. & Islam, N., 1 Jan 2015, In: *Empirical Economics*. 49, p. 503-535

Dealing with negative marginal utilities in the discrete choice modeling of labor supply.

Liegeois, P. & Islam, N., 1 Jan 2013, In: *Economics Letters*. 118, 1, p. 16-18 3 p.

Cross-validating administrative and survey datasets through microsimulation in Luxembourg.

Liegeois, P., Berger, F., Islam, N. & Wagener, R., 2013, *The use of registers in the context of EU?SILC: challenges and opportunities*. EUROSTAT, p. 189-202

Understanding the Drivers of Low-Income Transitions in Luxembourg

Fusco, A. & Islam, N., 1 Jan 2012, In: Research on Economic Inequality. 20, p. 367-391 25 p.

Inter-Temporal Labour Force Participation among Married Women in Japan

Okamura, K. & Islam, N., 30 Dec 2011, In: Japanese Economic Review. 62, p. 562-580 19 p.

Cross-validating administrative and survey datasets through microsimulation

Liégeois, P., Berger, F., Islam, N. & Wagener, R., 11 Apr 2011, In: International Journal of Microsimulation. 4, 1, p. 1-18 18 p.

Behavioral micro simulation model and labor supply in Luxembourg

Berger, F., Islam, N. & Liegeois, P., 1 Jan 2011, In: Brussels economic review. 54, 4, p. 389-420 16 p.

Are demand elasticities affected by politically determined tax levels? Simultaneous estimates of gasoline demand and price

Flood, L., Islam, N. & Sterner, T., Mar 2010, In: Applied Economics Letters. 17, 4, p. 325-328 4 p.

A Monte Carlo evaluation of discrete choice labour supply models

Flood, L. & Islam, N., 15 Apr 2005, In: Applied Economics Letters. 12, 5, p. 263-266 4 p.

Awards

UNSASSUB: UNconditional Social ASSistance and Unemployment Benefits

Maniquet, F. (PI), Islam, N. (Collaborator), Peluso, E. (Collaborator), Verheyden, B. (Collaborator), Haydar, H. (PhD student) & Depireux, A. (PMO Contact)

Fonds National de la Recherche Luxembourg: €577,000.00

1/09/23 → 31/08/26

Projects

FASS-ANTE: Alternative Ways for Funding the Luxembourgish social security system, with distributional effects

Liegeois, P. (PI), El Maslohi, A. (Col), Islam, N. (Col), Kuypers, S. (Non Contracting Partner) & Verbist, G. (Non Contracting Partner)

Chambre des Salariés au Luxembourg (C.S.L.)

1/07/22 → 30/09/23

INGINCO: Inégalités de genre. Inflation et consommation

Peluso, E. (PI), Islam, N. (Col), Leduc, K. (Col), Menta, G. (Col), Sologon, D. (Col), Van Kerm, P. (Col) & Verheyden, B. (Col)

Ministère de l'Égalité des genres et de la Diversité (MEGA)

26/09/22 → 15/09/23

(LIS)²ER: (LIS)²ER Initiative

Peluso, E. (PI), Van Kerm, P. (Col), Munzi, T. (Col), Fusco, A. (Col), Islam, N. (Col), Lee, K. (Col) & Sauer, P. (Col)

Luxembourg Institute of Socio-Economic Research (LISER)

1/01/20 → 31/12/25

MIGAPE: Mind the Gap in Pensions; Simulation and knowledge dissemination on gender gaps, their underlying causes, and how they could be reduced

Liegeois, P. (PI), Fallucchi, F. (Col), Genevois, A.-S. (Col), Vergnat, V. (Col), Islam, N. (Col), Leduc, K. (Col) & Guastalli, E. (Col)

Luxembourg Institute of Socio-Economic Research (LISER), European Commission

1/04/19 → 31/03/21

MODVid: Modeling the macroeconomic and distributional effects of COVID-19 and restarting scenarios

Docquier, F. (PI), Burzynski, M. (Col), Beine, M. (Contracting Partner), Magni, S. (Contracting Partner), Peroni, C. (Contracting Partner), Van Kerm, P. (Col), Islam, N. (Col), Lorentz, N. (Col), Leduc, K. (Col), Sologon, D. (Col), Machado, J. (Col), Linden, J. (Col) & Kyzyma, I. (Col)

Fonds National de la Recherche Luxembourg, Luxembourg Institute of Socio-Economic Research (LISER)

15/06/20 → 14/12/20

EUROMOD: Regular maintenance of the EUROMOD tax-benefit microsimulation model and preparation of its transfer to the European Commission

Liegeois, P. (PI), Genevois, A.-S. (Col) & Islam, N. (Col)

University of Essex

1/02/16 → 31/08/19

EUROMOD Year 10: Regular maintenance of the EUROMOD tax-benefit microsimulation model and preparation of its transfer to the European Commission

Islam, N. (PI), Liégeois, P. (Col), Genevois, A.-S. (Col), El Maslohi, A. (Col) & Sologon, D. (Col)

University of Essex

1/02/19 → 31/12/19

EUROMOD_Y12: Technical Support for the Development and Update of EUROMOD: Support to EUROMOD for Luxembourg - Years 2021-2024

Islam, N. (PI), Genevois, A.-S. (Col) & El Maslohi, A. (Col)

European Commission

15/04/21 → 31/12/24

PersiPov: The Dynamics and Persistence of Poverty in Luxembourg

Fusco, A. (PI), Ray, J.-C. (Non Contracting Partner), Islam, N. (Col), Kyzyma, I. (Col), Van Kerm, P. (Col), Reinstadler, A. (Col), Ayllón, S. (Col) & Silber, J. (Col)

1/02/11 → 31/01/14

UNSASSUB: UNconditional Social ASSistance and Unemployment Benefits

Maniquet, F. (PI), Islam, N. (Col), Peluso, E. (Col), Verheyden, B. (Col) & Haydar, H. (Col)

Fonds National de la Recherche Luxembourg

1/09/23 → 31/08/27

WeLaR: Welfare systems and labour market policies for economic and social resilience in Europe

Martin, L. (PI), Van Kerm, P. (Col), Olivera, J. (Col), Machado, J. (Col), Lenaerts, K. (Partner PI), Barslund, M. (Col), Vandekerckhove, S. (Col), Lenaerts, K. (Col), Ramioul, M. (Col), Islam, N. (Col), Guio, A.-C. (Col), Lewandowski, P. (Col), Magda, I. (Col), Drahokoupil, J. (Col), Palczynska, M. (Col), Albinowski, M. (Col), Hartwig, R. (Col), Leitner, S. (Col), Jestl, M. (Col), mara, I. (Col), Holtgrewe, U. (Col), Vana, I. (Col), Koller, K. (Col), Perugini, C. (Col), Pompei, F. (Col), Venturini, F. (Col), Castellani, D. (Col), Sieglösch, S. (Col), Abrell, J. (Col), Ungerer, M. (Col), Rausch, S. (Col), Markiewicz, O. (Col), Zarkovic, J. (Col), Arandarenko, M. (Col), Vladisavljevic, M. (Col), Avlijas, S. (Col), Anic, A. (Col), Van Hercke, B. (Col), Peña-Casas, R. (Col), Ghailani, D. (Col), Verheyden, B. (Col), Kruten, T. (Col), Fusco, A. (Col), Nguyen-Thi, T. U. (Col) & Hauret, L. (Col)

European Commission

1/09/22 → 31/08/25