

ERDENEBAT BATAA

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<http://ideas.repec.org/f/pba666.html>
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https://www.researchgate.net/profile/Erdenebat_Bataa

ACADEMIC APPOINTMENTS

Senior Lecturer in Economics	Bangor Business School, Bangor University, UK	Jan 2023-Present
Head Professor	Department of Economics, National University of Mongolia (NUM)	Jun 2019-Jun 2022 Sep 2014-Nov 2022
Collaborative / Invited Overseas Researcher	Economic Research Institute for Northeast Asia (ERINA), Japan	Jun 2022-Apr 2023 Sep 2018-Jan 2019
Visiting Professor	Department of Economics Korea University, South Korea	Sep 2015-Aug 2016
Assoc. Professor / Professor	Department of Finance, NUM	Oct 2010-Sep 2014
Senior Research Associate	Gulf One Lancaster Centre for Economic Research Lancaster University, UK	Sep 2009- Oct 2010
ESRC Postdoctoral Fellow Research Associate	Economics, University of Manchester, UK University of Manchester (post funded by grants from Bank of England/INQUIRE), UK	Sep 2007- Sep 2009 Sep 2006- Sep 2007

AFFILIATIONS

Academic Associate	National Research and Consulting Center, Mongolia	Sep 2021-Present
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EDUCATION

Ph.D. in Economics	University of Manchester, UK	Apr 2007
M.Sc. in Economics	University of Manchester, UK	Aug 2003
M.B.A. in Finance	National University of Mongolia, Mongolia	Jan 2002
B.A. in Finance	National University of Mongolia, Mongolia	Jun 2000

OTHER TRAINING

Institutional economics	Ronald Coase Institute Workshop, Warsaw, Poland	May 2019
DSGE modelling	Ministry of Finance, Mongolia	May-June, 2015
Teaching qualification	University of Manchester, UK	May-Jun, 2003

ACADEMIC VISITS

CIREQ, Concordia University, Canada	Oct 2019
Bank of Finland Institute for Transition Economies, Finland	Feb 2018
University of Nebraska Omaha, Department of Economics, USA	Jun 2015
Cass Business School, City University of London, UK	Mar 2015

PUBLIC, PROFESSIONAL AND COMMUNITY SERVICE

Member	Mongolia's Prime Minister's Economic Policy Council	Mar 2021-Dec 2022
Budget Council Member	Open Society Forum NGO, Mongolia	Jun 2022-Mar 2023
External Board Member	Bodi Insurance JSC, Mongolia	Oct 2020-Jan 2023
Editor-in-Chief / Associate editor	Economics: Theory and Practice (first peer-reviewed economics journal in Mongolian)	Sep 2019-Jun 2022 Sep 2017-Sep 2019
Member	Central Bank of Mongolia's Monetary Policy Board	Aug 2016-Mar 2018
Member	Financial Regulatory Commission of Mongolia's Micro-finance Policy Non-standing Board	Mar 2012-Nov 2014
Content creator (https://sites.google.com/site/erdenebatba)	Online econometric courses in Mongolian and interviews and op-eds in Mongolian and international media (225790 pageviews so far.)	June 2013-present
Blogger (tsors79.blogspot.com)	"Economists' corner", a non-partisan blog on Mongolian economy, economic policy, society, and institutional reform within a broad historical and international context (178835 pageviews so far.)	Oct 2009-present
Content creator (youtube.com/c/Erdenebat)	YouTube channel on Econometrics courses in Mongolian: "Introductory econometrics", "Econometric analysis" and "Everyday economics" (930 subscribers, 54649 views so far)	Sep 2016-present

CONSULTING

Asian Development Bank	Mar 2021- Sep 2022
Developing four modules for the systemic risk assessment model for macro-prudential policy at the Bank of Mongolia (Bank profit and loss, Default contagion, Funding liquidity contagion and Multi-period).	
World Bank	Mar-Sep, 2020
- Developed a financial system vulnerabilities monitor/heatmap and an aggregate financial stability index to assess the condition of financial stability at the Bank of Mongolia; - Built a macro-risk factor module of the systemic risk assessment model for macro-prudential policy in Mongolia based on BVAR, copula, EVT and high frequency models.	
World Bank	May-Oct, 2012
- Carried out the sectoral analysis, economic modeling, structural vulnerabilities and risk assessment of Mongolia - Developed Mongolia's first ever composite leading indicator (CLI) which is designed to give early signals of turning-points in economic activity in the near future.	

PUBLICATIONS

A. Peer reviewed academic journal articles

Lkhagvasuren, D. & **Bataa, E.** 2023. Finite-state Markov chains with flexible distributions. *Computational Economics* 61, 611-644.

Bataa, E. 2022. Forecasting electricity demand, and peak and base consumptions in Mongolia up until 2030 (in Mongolian). *Economics: Theory and Practice* 35, 27-48. <https://bit.ly/3tpbZvB>

Bataa, E. & Batbekh, S. 2020. The state of the Mongolian economy during COVID-19, its impact and possible policy responses (in Mongolian) *New Mirror* 82, B11-22. (academic journal jointly published by the Political Education Academy of Mongolia and the Konrad-Adenauer-Stiftung, Germany). <https://academy.edu.mn/wp-content/uploads/2021/01/1-2.pdf>

Bataa, E. 2020. Database of economics doctorate dissertations by Mongolians (in Mongolian). *Economics: Theory and Practice* 34, 70-100. <https://bit.ly/3bjr8VW>

Bataa, E. 2020. Ranking of Mongolian economists and economic institutions (in Mongolian). *Economics: Theory and Practice* 34, 2-35. <https://bit.ly/3Ep6DUg>

Bataa, E., Wohar, M. & Vivian, A. 2019. Changes in the relationship between short-term interest rate, inflation and growth: Evidence from the UK 1820-2014. *Bulletin of Economic Research* 71(4), 616-640. <https://doi.org/10.1111/boer.12199>

Bataa, E. 2019. Growth and inflation regimes in Greater Tumen Initiative area. *Northeast Asian Economic Review*, 7(1), 15-29. <https://www.erina.or.jp/en/publications/naer/naer-7-1/>

Bataa, E., Osborn, D.R. & Sensier, M. 2018. China's increasing global influence: Changes in international growth spillovers. *Economic Modelling* 74, 194-206. <https://doi.org/10.1016/j.econmod.2018.05.014>

Bataa, E. & Park, C. 2017. Is the recent low oil price attributable to the shale revolution? *Energy Economics* 67, 72-82. <https://doi.org/10.1016/j.eneco.2017.08.011>

Bataa, E., Osborn, D., & Izzeldin, M. 2016. Changes in the global oil market. *Energy Economics* 56, 161-176. <https://doi.org/10.1016/j.eneco.2016.03.009>

Bataa, E., Osborn, D., Sensier, M & van Dijk, D. 2014. Identifying changes in mean, seasonality, persistence and volatility for G7 and Euro area inflation. *Oxford Bulletin of Economics and Statistics* 76(3), 360-388. <https://doi.org/10.1111/obes.12021>

Bataa, E., Osborn, D., Sensier, M & van Dijk, D. 2013. Structural breaks in the international dynamics of inflation. *The Review of Economics and Statistics* 95(2), 646-659. https://doi.org/10.1162/REST_a_00261

B. Textbook

Time Series Econometrics, 2017. Admon Printing house (in Mongolian). <https://bit.ly/3NzoMV7>

C. Edited books

On child's upbringing and manner. Volumes I-V, 2017-2020. by Puntsag Bataa. Bitpress and Admon Printing houses (in Mongolian). <https://bit.ly/3pKMgNk>

Power of proverbs on civility and nurturing of Mongolian society. 2016. by Puntsag Bataa. Bitpress Printing house (in Mongolian). <https://bit.ly/3Ep6TCI>

D. Published report

Bataa, E. 2022. Editor's Foreword. *Economics: Theory and Practice* 35, 1-4

Bataa, E. 2020. Editor's Foreword. *Economics: Theory and Practice* 34, 1-2

Bataa, E. 2010. Impacts of oil shocks: Implications for GCC economies, GOLCER Report, Lancaster University Management School, Lancaster University. https://www.lancaster.ac.uk/media/lancaster-university/content-assets/documents/lums/golcer/i3_VP.pdf

E. Working papers

Bataa, E. 2022. Presidential scholarship program for undergraduates to study in the World's top 100 universities, central planning and the opportunities about to be lost (in Mongolian). Under review at *Economics: Theory and Practice*

Bataa, E. 2021. On the Feasibility of FTA between the Kingdom of Cambodia and Mongolia. Under review at the Economic Research Institute for ASEAN and East Asia (ERIA) working paper series. <https://bit.ly/3bj05di>

Bataa, E. 2012. Macroeconomic risks of Mongolia and ways to mitigate them. Economic Research Institute Working Paper Series 2. <https://mpira.ub.uni-muenchen.de/72386>

Bataa, E. 2012. The Composite leading indicator of Mongolia. <https://mpira.ub.uni-muenchen.de/72415>

Bataa, E. 2012. Phillips curve and Mongolia: Impact of oil shocks on Mongolian macroeconomic aggregates (in Mongolian). DOI: 10.13140/RG.2.2.14128.17921

Bataa, E. 2012. Structural changes in the components of Mongolian macroeconomic aggregates (in Mongolian). DOI: 10.13140/RG.2.2.20839.06567

Bataa, E. 2011. Oil shock and Mongolia (in Mongolian). 2011. DOI: 10.13140/RG.2.2.12450.45762

Bataa, E. 2009. Resource curse and Mongolia. Where are you heading my dear Mongolia? (in Mongolian) <https://bit.ly/312SugY>

Bataa, E., Osborn, D.R. & Kim, D.H. 2007. Expectations hypothesis tests in the presence of model uncertainty. Economics Discussion Paper Series, EDP 0611, University of Manchester. <http://econ.korea.ac.kr/ri/WorkingPapers/w0703.pdf>

Bataa, E., Osborn, D.R. & Kim, D.H. 2006. Does spread really predict future shorter rate? Explaining empirical anomalies. Economics Discussion Paper Series, EDP 0640, University of Manchester. <http://hummedia.manchester.ac.uk/schools/soass/economics/discussionpapers/EDP-0641.pdf>

Bataa, E., Osborn, D.R. & Kim, D.H. 2006. A Further examination of the expectations hypothesis for the term structure. Economics Discussion Paper Series, EDP 0611. <http://hummedia.manchester.ac.uk/schools/soass/economics/discussionpapers/EDP-0611.pdf>

Bataa, E., Osborn, D.R. & Kim, D.H. 2006. New evidence on the expectations theory in the UK term structure. Economics Discussion Paper Series, EDP 0641, University of Manchester. <https://hummedia.manchester.ac.uk/schools/soass/cgbcr/discussionpapers/dpcgbc85.pdf>

F. Work in progress

Structural changes in aggregate demand and aggregate supply model: An application to Northeast Asia

Commodity price comovement and China

Climate change and seasonal shares in G7 inflation volatility

Visibility and productivity of post-communist economists: A gendered case of Mongolia (with Soyolmaa Batbekh, NRCC)

Technology transfer of modern economics in Post-communist Mongolia midst the treat of resource curse (with Soyolmaa Batbekh, NRCC)

Air pollution and labor supply in the most polluted capital city in the world

REFEREEING ACTIVITY

Journal of Time Series Econometrics, Empirical Economics, Energy Economics, Manchester School

TEACHING EXPERIENCE & SERVICE

National University of Mongolia

Undergraduate (main textbooks used): Foundations of Finance (Bodie, Cleeton & Merton. 2008. Financial

Economics, 2nd ed. Pearson), Financial Econometrics (Brooks, Introductory Econometrics for Finance, 3rd ed. CUP), Introductory Econometrics (Wooldridge, Introductory Econometrics: A Modern Approach, 6th ed.) and Applied Econometrics (Wooldridge).

Postgraduate (main textbooks used): Investments (for MBA students. Bodie, Kane, Marcus. 2013. Investments, 10th ed. McGraw-Hill); Time Series Econometrics (for MA and PhD students. Enders, W. 2014. Applied Time Series Econometrics, 4th ed. Wiley; Bataa. 2017. Time Series Econometrics (in Mongolian). Admon); Financial Econometrics (for MBA and DBA students. Tsay. 2010. Analysis of Financial Time Series, 3rd ed. Wiley); Econometric Analysis (for PhD and MA students. Greene. Econometric Analysis, 8th ed. Pearson).

The University of Manchester

Undergraduate (as a Graduate teaching assistant, Sep 2003-June 2006, tutorials only): Advanced Mathematics; Advanced Statistics; Managerial Economics; and Introductory Computer Applications.

Postgraduate (as a ESRC Postdoctoral Fellow, Sep 2007-Sep 2009): Time Series Econometrics (for both PhD and MSc students); Further Econometrics (for MSc students, tutorials only).

UNDERGRADUTE HONOUR'S AND GRADUATE SUPERVISIONS

According to the registry, the overall number of students I taught finance and econometrics courses at the National University of Mongolia exceeds 1659. The following are the career details of some of them (if they informed me) whose research work I supervised.

Name (Year)	Education afterwards	Career afterwards
Undergraduate Honour's thesis supervision		
Enkhbold Munkhbayar (2011)		
Munkh-Erdene Davaasuren (2011)		
Enkhilhagva Galsanjamts (2012)	MBA, Da-Yeh University, Taiwan	TDBMongolia
Sugarsuren Bayanmunkh (2013)		
Gunbilig Ganbayar (2013)	MSc in Economics & now a PhD student at University of Saitama	National University of Mongolia
Tserendorj Tumenbayar (2013)	MSc in Finance at CEU, Hungary	Morgan Stanley, GrapeCity
Batbold Narmandakh (2013)	MA in Public Policy, University of Tokyo	Bank of Mongolia
Davgadorj Puntsag (2014)	MBA, International University of Japan & now a PhD student at Universty of Tokyo	Development Bank of Mongolia, National University of Mongolia
Dechmaa Otgonmaa (2014)	MA in Agricultural Economics and Management, Fujian Agriculture and Forestry University, China	TDBMongolia
Batmunkh Batkhoo (2015)	MA in Public Policy, Harvard University	Bank of Mongolia
Murun Ulziibaatar (2018)		Golomt Bank, Mongolia
Garamjav Bat-Amgalan (2018)		TDBMongolia
Lkhagvajargal Lkhagvajav (2018)		Bank of Mongolia
Master's thesis supervision		
Badamgarav Bayan-Ulzii (2011)	MA in Applied Finance at Australian National University	National University of Mongolia, Bodi Group LLC
Zorigtbaatar Luguusharav (2011)		
Munkhtuya Tserendorj (2012)		Golomt Bank, Mongolia
Bolor-Erdene Erdenetogtokh (2012)		Golomt Bank, Mongolia
Enkhtaivan Munkhbat (2012)		
Tuul Odkhuu (2013)		Golomt Bank, Mongolia
Ariuntuya Khishigt (2013)		Capitron Bank, Mongolia

Odontuya Baigalmaa (2014)	MA in Economics, University of Sydney, Australia	Ministry of Finance, Mongolia
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Second reader for MA thesis

Mendbayar Boldsaikhan (2013)	MSc in Economics at Australian National University	Ministry of Finance, & Presi- dent's Office of Mongolia
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MEMBERSHIP IN PROFESSIONAL ASSOCIATIONS

Member	Mongolian Economic Association	since 2015
Member	Royal Economic Association, UK	2005-2010

PROFESSIONAL HONORS, AWARDS AND FELLOWSHIPS

Best Author in Social Sciences, Government of Mongolia, 2021
Honorary Scientific Worker, Government of Mongolia, 2019
National University of Mongolia Research Grants, 2016 (\$3120), 2017 (\$4,920), 2018 (\$8090), 2019 (\$10,600)
Korea Foundation for Advanced Studies Fellowship, 2015-2016
Scholar-Teacher of the Year, Consortium of Mongolian Universities and Colleges, 2012
Scholar-Teacher of the Year, National University of Mongolia, 2012, 2017
Best Graduate of the Finance Department, National University of Mongolia, 2012
Open Society Institution Returning Scholar, 2010–2014 (€20,000)
ESRC Postdoctoral Fellowship grant, 2007–2009 (£131,239)
Overseas Scholarship Scheme Award, University of Manchester, 2003–2006
Tuition Scholarship, School of Economic Studies, University of Manchester, 2003–2006
Global Supplementary Grant, Open Society Institution, 2003–2006
M.Sc. Scholarship jointly funded by the Foreign and Commonwealth Office of the UK, Open Society Institute, and University of Manchester, 2002–2003

LANGUAGES

English (excellent), Mongolian (mother tongue), Russian (fair), Korean (basic)

ACADEMIC CONFERENCE AND SEMINAR PRESENTATIONS

2022: Northwest University, China (Nov, online); **2021:** National Research and Consulting Center (NRCC), Mongolia (Oct), 6th Ulaanbaatar Economics Conference, Mongolia (Aug), **2020:** Central Bank of Mongolia (Oct), **2019:** CIREQ-Concordia University, Canada (Oct), 5th Ulaanbaatar Economics Conference, Mongolia (Aug), University of Paris Dauphine, France (Jun), Ronald Coase Institute Workshop, University of Warsaw, Poland (May), Department of Economics, National University of Mongolia (Feb), Institute of Economic Research, Kyoto University, Japan (Jan), Economic Research Institute for Northeast Asia, Japan (Jan), **2018:** Niigata Prefecture University, Japan (Oct), Slavic-Eurasian Research Center, Hokkaido University, Japan (Oct), Department of Economics, National University of Mongolia (Mar), Bank of Finland Institute for Economies in Transition (Feb), Helsinki, Finland, **2017:** 4th Ulaanbaatar Economics Conference, Mongolia (Jul), **2016:** 4th NES-CSDSI & Ural Federal State University Winter School, Yekaterinburg, Russia (Dec), DIW Macroeconomic workshop, Berlin, Germany (Nov), 16th KAEA-KEA International Conference, Sogang University, South Korea (Aug), 3rd NES-CSDSI Summer school, Krasnoyarsk, Russia (Jul), School of Economics, Yonsei University, South Korea (Jun), **2015:** International Conference on Econometrics, Korea University (Dec), Department of Economics, Korea University (Dec, Aug), 3rd Ulaanbaatar Economics Conference, Mongolia (Jul), 11th International Symposium on Econometric Theory and Applications, Hitotsubashi University, Japan (May), Royal Economic Society Annual Conference, University of Manchester, UK (Apr), **2014:** Inner Mongolia University (Dec), Inner Mongolia Finance and Economics (Dec), Inner Mongolia Normal University (Dec), Inner Mongolia Agricultural University (Dec), Conference in honor of Prof. Denise R. Osborn, University of Manchester (Apr), Yonsei Global Research Team Workshop, Yonsei University (Feb), Department of Economics, Korea University (Feb, Jan); **2013:** Economics Discipline Area, University of Manchester (Oct), The Second Economics Research Forum, Ulaanbaatar, Mongolia (July); **2010:** 16th Oxmetrics Conference, Cass Business School, UK (Sep). **2009:** Department of Economics, Lancaster University Management School, UK (Mar). **2008:** 63rd European

Meeting of the Econometric Society, University of Bocconi, Italy (Aug); Royal Economic Society Annual Conference, University of Warwick, UK (Apr). **2007**: Money, Macro and Finance Research Conference, University of Birmingham, UK (Sep); 62nd European Meeting of the Econometric Society, Central European University, Hungary (Aug); Royal Economic Society Annual Conference, University of Warwick, UK (Apr); Bank of England, Monetary Assessment and Strategy Division, UK (Jan).