

Prof. ANTON ABDULBASAH KAMIL

Personal Information

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International Researcher IDs

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Education Information

Doctorate, University Of Economics, Prague, Econometrics, Czech Republic 1995 - 1998

Postgraduate, Bogor Agricultural University, Applied Statistics, Indonesia 1990 - 1995

Undergraduate, Padjadjaran University, Statistics, Indonesia 1983 - 1988

Dissertations

Doctorate, Econometric Modeling of Indonesian Wood Product Industry: A Case Study, University Of Economics, Prague, Econometrics, 1998

Postgraduate, Estimation of the Incident of HIV Infection: A Review of AIDS Epidemic Model in Indonesia, Bogor Agricultural University, Applied Statistics, 1993

Research Areas

Social Sciences and Humanities, Agricultural Sciences, Natural Sciences, Engineering and Technology

Academic Titles / Tasks

Professor, Istanbul Gelisim University, FACULTY OF ECONOMICS, ADMINISTRATIVE AND SOCIAL SCIENCES, BUSINESS ADMINISTRATION, 2019 - Continues

Courses

Anton Abdulbasah Kamil, Doctorate, 2021 - 2022, 2020 - 2021, 2019 - 2020

Jury Memberships

Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, İNÖNÜ ÜNİVERSİTESİ, December, 2023

Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship,

İSTANBUL TOPKAPI ÜNİVERSİTESİ, December, 2023

Doctoral Examination, Doctoral Examination, Universitas Sumatera Utara, November, 2023

Doctoral Examination, Doctoral Examination, Universitas Sumatera Utara, August, 2023

Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship,
Princess Nora Bint Abdulrahman University, August, 2023

Doctoral Examination, Doctoral Examination, Universitas Sumatera Utara, March, 2023

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Selection of Industrial Sites Using a Web-Based Geographical Information System to Minimize Risks: A Case Study in West Java, Indonesia**
Chumaidiyah E., Dewantoro M. D. R., Fauzi P. M., Kamil A. A.
SUSTAINABILITY, vol.15, no.22, pp.1-16, 2023 (SCI-Expanded)
- II. **Enhancing COVID-19 Classification Accuracy with a Hybrid SVM-LR Model**
Nordin N. I., Mustafa W. A., Lola M. S., Madi E. N., Kamil A. A., Nasution M. D., K. Abdul Hamid A. A., Zainuddin N. H., Aruchunan E., Abdullah M. T.
Bioengineering, vol.10, no.11, 2023 (SCI-Expanded)
- III. **A new innovative breakthrough in the production of salt from bittern using a spray dryer**
Kamil A. A.
HELIYON, vol.8, no.10, pp.1-6, 2022 (SCI-Expanded)
- IV. **Foreword**
Huda S., Chowdhury R. I., Kamil A. A.
Bulletin of the Malaysian Mathematical Sciences Society, vol.45, pp.3-5, 2022 (SCI-Expanded)
- V. **Optimal routing of pedestrian flow in a complex topological network with multiple entrances and exits**
Khalid R., Nawawi M. K. M., Kawsar L. A., Ghani N. A., Kamil A. A., Mustafa A.
International Journal of Systems Science, vol.51, no.8, pp.1325-1352, 2020 (SCI-Expanded)
- VI. **Optimization based controlled evacuation**
Alahi Kawsar L., Abdul Ghani N., KAMIL A. A., Mustafa A.
Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, vol.23, no.5, pp.477-498, 2019 (SCI-Expanded)
- VII. **The evaluation of pedestrians' behavior using M/G/C/C analytical, weighted distance and real distance simulation models**
Khalid R., Nawawi M. K. M., Kawsar L. A., Ghani N. A., KAMIL A. A., Mustafa A.
Discrete Event Dynamic Systems: Theory and Applications, vol.26, no.3, pp.439-476, 2016 (SCI-Expanded)
- VIII. **An M/M/c/K state-dependent model for pedestrian flow control and design of facilities**
Rahman K., Ghani N. A., KAMIL A. A., Mustafa A., Chowdhury M. A. K.
PLOS ONE, vol.10, no.7, 2015 (SCI-Expanded)
- IX. **System dynamics approach as a risk management tool in analyzing pension expenditure: The case of Malaysian employees public pension plan**
Sapiri H., KAMIL A. A., Tahar R. M.
Singapore Economic Review, vol.59, no.5, 2014 (SSCI)
- X. **Estimating DEA efficiency using uniform distribution**
Hossain M. K., KAMIL A. A., Mustafa A., Baten M. A.
Bulletin of the Malaysian Mathematical Sciences Society, vol.37, no.4, pp.1075-1084, 2014 (SCI-Expanded)
- XI. **Modelling Pedestrian Travel Time and the Design of Facilities: A Queuing Approach**
Rahman K., Abdul Ghani N., KAMIL A. A., Mustafa A., Kabir Chowdhury M. A.
PLOS ONE, vol.8, no.5, 2013 (SCI-Expanded)
- XII. **A Discrete Event Simulation Model for Evaluating the Performances of an M/G/C/C State Dependent Queuing System**

Khalid R., M. Nawawi M. K., Kawsar L. A., Ghani N. A., KAMIL A. A., Mustafa A.

PLoS ONE, vol.8, no.4, 2013 (SCI-Expanded)

XIII. **Stochastic Frontier Approach and Data Envelopment Analysis to Total Factor Productivity and Efficiency Measurement of Bangladeshi Rice**

Hossain M. K., KAMIL A. A., Baten M. A., Mustafa A.

PLoS ONE, vol.7, no.10, 2012 (SCI-Expanded)

XIV. **Fuzzy optimal control with application to discounted profit advertising problem**

Baten M. A., KAMIL A. A.

Journal of Intelligent and Fuzzy Systems, vol.23, no.5, pp.187-192, 2012 (SCI-Expanded)

XV. **Critical antecedent rainfall conditions for shallow landslides in Chittagong City of Bangladesh**

Khan Y. A., Lateh H., Baten M. A., KAMIL A. A.

Environmental Earth Sciences, vol.67, no.1, pp.97-106, 2012 (SCI-Expanded)

XVI. **A Cobb douglas stochastic frontier model on measuring domestic bank efficiency in Malaysia**

Hasan M. Z., KAMIL A. A., Mustafa A., Baten M. A.

PLoS ONE, vol.7, no.8, 2012 (SCI-Expanded)

XVII. **Stochastic frontier model approach for measuring stock market efficiency with different distributions**

Hasan M. Z., KAMIL A. A., Mustafa A., Baten M. A.

PLoS ONE, vol.7, no.5, 2012 (SCI-Expanded)

XVIII. **Group decision via usage of analytic hierarchy process and preference aggregation method**

Angiz L. M. Z., Mustafa A., Ghani N. A., KAMIL A. A.

Sains Malaysiana, vol.41, no.3, pp.361-366, 2012 (SCI-Expanded)

XIX. **A stochastic frontier model for measuring online bank profit efficiency**

Baten M., KAMIL A. A.

South African Journal of Business Management, vol.42, no.3, pp.49-60, 2011 (SSCI)

XX. **Direct solution of Riccati equation arising in inventory production control in a Stochastic manufacturing system**

Baten M. A., KAMIL A. A.

International Journal of Physical Sciences, vol.5, no.7, pp.931-934, 2010 (SCI-Expanded)

XXI. **Productive efficiency of tea industry: A stochastic frontier approach**

Baten M. A., KAMIL A. A., Haque M. A.

African Journal of Biotechnology, vol.9, no.25, pp.3808-3816, 2010 (SCI-Expanded)

XXII. **A stochastic frontier approach for empirical tests of efficiency wage models**

Rana M., Baten A., KAMIL A. A.

Scientific Research and Essays, vol.5, no.11, pp.1234-1242, 2010 (SCI-Expanded)

XXIII. **Modeling technical inefficiencies effects in a stochastic frontier production function for panel data**

Baten M. A., KAMIL A. A., Haque M. A.

African Journal of Agricultural Research, vol.4, no.12, pp.1374-1382, 2009 (SCI-Expanded)

XXIV. **Analysis of inventory-production systems with Weibull distributed deterioration**

Baten A., KAMIL A. A.

International Journal of Physical Sciences, vol.4, no.11, pp.676-682, 2009 (SCI-Expanded)

Articles Published in Other Journals

I. **Financial technology forecasting using an evolving connectionist system for lenders and borrowers: ecosystem behavior**

Al-Khowarizmi A., Watts M. J., Efendi S., KAMIL A. A.

IAES International Journal of Artificial Intelligence, vol.13, no.2, pp.2386-2394, 2024 (Scopus)

II. **Physio-psychosocial risk of depression among college-going adolescents: A cross-sectional study in Bangladesh**

Siddik M. A. B., Munmun M. S., Hasan N., Syfullah M. K., Mahmud A., Ali A., Bosak L., Chowdhury S., KAMIL A. A., Rahman M. M.

Journal of Affective Disorders Reports, vol.16, 2024 (Scopus)

- III. **Prevalence and Associated Factors Related to Tobacco Consumption Among University Students in Malaysia**
Chow C. Y., Hasan M. Z., KAMIL A. A.
Health Psychology Research, vol.12, 2024 (ESCI)
- IV. **Maple as a tool for the teaching of cyclotomic polynomials elementarily**
Zahedi Z., Kamil A. A., Fajriana F., Siswadi S., Almira A., Sarmin S.
Teaching of Mathematics, vol.26, no.2, pp.106-115, 2023 (ESCI)
- V. **Hybrid Correlation Coefficient of Spearman with MM-Estimator**
Abu Bakar S. H., Lola M. S., Kamil A. A., Zainuddin N. H., Abdullah M. T.
MATHEMATICS AND STATISTICS (ALHAMBRA), vol.11, no.4, pp.693-702, 2023 (Scopus)
- VI. **M/M/c/K state-dependent models for controlling the pilgrims and the design of hajj facilities**
Rahman K., Abdul Ghani N., Kamil A. A.
Journal of Numerical Optimization and Technology Management, vol.1, no.1, pp.22-28, 2023 (Peer-Reviewed Journal)
- VII. **Efficiency Comparison between the Employee Stock Option Plan (ESOP) and Non ESOP Companies**
Verdenia D., Ahmedov N., Kamil A. A.
REVIEW OF ECONOMICS AND FINANCE, vol.21, pp.1871-1877, 2023 (Scopus)
- VIII. **Agricultural Challenges and Adaptation for Changing Climate: A Study on Early Flash Flood-prone Areas in Bangladesh**
Ferdushi K. F., Hasan M. N., Kamil A. A.
Environment and Ecology Research, vol.11, no.2, pp.274-283, 2023 (Scopus)
- IX. **The Effect of Service Quality on Student Satisfaction in Higher Education Service**
KAMIL A. A.
REVIEW OF ECONOMICS AND FINANCE, vol.20, pp.851-856, 2022 (Scopus)
- X. **Environmental performance of Turkey amidst foreign direct investment and agriculture: A time series analysis**
Udemba E. N., Kamil A. A., Özaydın O.
Journal of Public Affairs, vol.22, no.2, 2022 (ESCI)
- XI. **Skill Development of Undergraduate Students through International Exchange Program**
Hossain M. K., Hossain M. F., Hossain M. E., Hoque A. F., Khan N. M., Kamil A. A.
Journal of Educational and Social Research, vol.12, no.2, pp.40-48, 2022 (Scopus)
- XII. **The "Sell in May" Effect: An Empirical Analysis from Turkey, Indonesia, France, and Germany**
ÖCAL H., KAMIL A. A., İMRE S.
HONG KONG JOURNAL OF SOCIAL SCIENCES, vol.58, pp.239-251, 2022 (Scopus)
- XIII. **The "Sell in May" effect: an empirical analysis from Turkey, Indonesia, France, and Germany**
ÖCAL H., İMRE S., KAMIL A. A.
HONG KONG JOURNAL OF SOCIAL SCIENCES, vol.58, no.2, pp.239-251, 2022 (Scopus)
- XIV. **Some Applications of Cubic Equations in Engineering**
Zahedi Z., Kamil A. A., Irvan I., Jelita J., Amin H., Marwan A., Suparni S.
Mathematical Modelling of Engineering Problems, vol.9, no.1, pp.129-135, 2022 (Scopus)
- XV. **MEASUREMENT OF EDUCATION EFFECTIVENESS IN THE BRICS COUNTRIES AND TURKEY: MEASUREMENT OF EDUCATION EFFECTIVENESS**
İMRE S., KAMIL A. A.
REVISTA MULTIDICIPLINAR DE INVESTIGACIÓN EDUCATIVA, 2022 (ESCI)
- XVI. **Measurement Efficiency of the Top 25 Universities in Turkey with DEA**
İMRE S., KAMIL A. A.
TERTIARY EDUCATION AND MANAGEMENT, 2021 (ESCI)
- XVII. **Measurement and Comparison of Efficiency of Saving and Loan Cooperatives in Jakarta, Indonesia,**

through the Stochastic Frontier Analysis

KAMIL A. A.

Journal of International Cooperation and Development, vol.-4, no.2, pp.68-85, 2021 (Peer-Reviewed Journal)

- XVIII. **Factors Affecting Risk Efficiency: A Data Envelopment Approach**
Ferdushi K. F., Kamil A. A.
International Journal of Operations and Quantitative Management, vol.27, no.2, pp.127-140, 2021 (Scopus)
- XIX. **Risk-return based performance evaluation of stocks in BIST 100 and KOMPAS 100 indices of Borsa Istanbul and Indonesian stock exchange**
Öcal H., Kamil A. A.
Scientific Papers of the University of Pardubice, Series D: Faculty of Economics and Administration, vol.29, no.2, 2021 (Scopus)
- XX. **COVID-19 Disease and Interferon- γ : Has it a Protective Impact on Mortality?**
KAMIL A. A.
ERCIYES MEDICAL JOURNAL, vol.43, no.2, pp.116-121, 2021 (ESCI)
- XXI. **WATER TREATMENT INSTALLATION BASED CHROME CONTENT ANALYSIS IN INDONESIAN LEATHER TANNING INDUSTRY**
KAMIL A. A.
Pollution Research, vol.40, no.1, pp.40-46, 2021 (Peer-Reviewed Journal)
- XXII. **Estimating Discharge of Nitrogen in Zero Water Exchange at I-Sharp Setiu, Terengganu, Malaysia, Based on System Dynamic Approach**
Lola M. S., Kamil A. A.
Nature Environment and Pollution Technology, vol.20, no.1, pp.297-303, 2021 (Scopus)
- XXIII. **The impact of risk indicators on sustainability (ESG) and broad-based indices: An empirical analysis from Germany, France, Indonesia and Turkey**
Öcal H., Kamil A. A.
International Journal of Sustainable Economy, vol.13, no.1, pp.18-54, 2021 (Scopus)
- XXIV. **The "Sell in May" Effect: An Empirical Analysis from Turkey, Indonesia, France, and Germany**
KAMIL A. A.
HONG KONG JOURNAL OF SOCIAL SCIENCES, vol.58, pp.239-251, 2021 (Scopus)
- XXV. **Innovative Drying Tool (Oven) with the Hot Air Flow Method to Improve Productivity and Quality of Sugar for Small Medium Enterprise in Indonesia**
KAMIL A. A.
International journal of innovation in Engineering, pp.72-81, 2021 (Peer-Reviewed Journal)
- XXVI. **Assessment of Spatial Water Quality Observation of Citarum River Bandung Regency Using Multivariate Statistical Methods**
Musnansyah A., KAMIL A. A., Marliana L., Widayati E., Zulfakriza Z.
International Journal on Advanced Science, Engineering and Information Technology, vol.11, no.1, pp.356-362, 2021 (Scopus)
- XXVII. **Design of a Participatory Web-Based Geographic Information System for Determining Industrial Zones**
Chumaidiyah E., Dewantoro M. D. R., Kamil A. A.
Applied Computational Intelligence and Soft Computing, vol.2021, 2021 (Scopus)
- XXVIII. **The technical efficiency of transplanted aman rice farms in bangladesh**
Ferdushi K. F., Kamil A. A.
Scientific Papers of the University of Pardubice, Series D: Faculty of Economics and Administration, vol.28, no.2, 2020 (Scopus)
- XXIX. **Stochastic optimization in disaster relief management**
KAMIL A. A.
International Journal of Advanced Science and Technology, vol.29, no.null, pp.1960, 2020 (Scopus)
- XXX. **The Measures of Efficiency of Power Generation Plants in Sylhet of Bangladesh**
Ferdushi K. F., Kamil A. A., Ahmed S., Kawsar L. A.

- International Journal of Mathematics and Mathematical Sciences, vol.2020, 2020 (Scopus)
- XXXI. **Improving productivity through work environment, training, health and safety**
Siregar L. A. S., Suhendra A. A., Kamil A. A.
International Journal of Innovation, Creativity and Change, vol.13, no.3, pp.357-370, 2020 (Scopus)
- XXXII. **Sample median approximation on stochastic data envelopment analysis**
Nasution M. D., Mawengkang H., Kamil A. A., Efendi S., Sutarman S.
International Journal of Agile Systems and Management, vol.13, no.3, pp.279-295, 2020 (Scopus)
- XXXIII. **A Generalized Reduced Gradient Approach for Solving a Class of Two-Stage Stochastic Nonlinear Programs**
KAMIL A. A.
JOURNAL OF PHYSICS: CONFERENCE SERIES, vol.1255, pp.12090, 2019 (Peer-Reviewed Journal)
- XXXIV. **Perceptions, Knowledge and Adaptation about Climate Change: A Study on Farmers of Haor Areas after a Flash Flood in Bangladesh**
Ferdushi K. F., Ismail M. T., Kamil A. A.
Climate, vol.7, no.7, 2019 (Scopus)
- XXXV. **Multi-criteria Mathematical Model for Partial Double Track Railway Scheduling in Urban Rail Network**
KAMIL A. A.
2018 IEEE INTERNATIONAL CONFERENCE ON INDUSTRIAL ENGINEERING AND ENGINEERING MANAGEMENT (IEEE IEEM), no.null, pp.1416-1420, 2018 (Peer-Reviewed Journal)
- XXXVI. **Mathematical model of dengue fever and its sensitivity analysis**
Ali T. M., Karim M. F. A., KAMIL A. A.
Pakistan Journal of Statistics, vol.31, no.6, pp.717-731, 2015 (Scopus)
- XXXVII. **Modelling the complexity of emergency department operations using hybrid simulation**
Ahmad N., Ghani N. A., KAMIL A. A., Tahar R. M.
International Journal of Simulation and Process Modelling, vol.10, no.4, pp.360-371, 2015 (Scopus)
- XXXVIII. **Deterministic mathematical model of dengue disease spread**
Ali T. M., KAMIL A. A., Abd Karim M. F.
Far East Journal of Mathematical Sciences, vol.96, no.4, pp.419-436, 2015 (Scopus)
- XXXIX. **Estimated and analysis of the relationship between the endogenous and exogenous variables using fuzzy semi-parametric sample selection model**
Muhamad Safiih L., KAMIL A. A., Abu Osman M.
American Journal of Applied Sciences, vol.11, no.9, pp.1542-1552, 2014 (Scopus)
- XL. **Managing Resource Capacity Using Hybrid Simulation**
KAMIL A. A.
AIP CONFERENCE PROCEEDINGS, vol.1635, no.null, pp.504-511, 2014 (Scopus)
- XLI. **Empirical relationships among pedestrian flow characteristics in an indoor facility**
Kawsar L. A., Ghani N. A., KAMIL A. A., Mustafa A.
Research Journal of Applied Sciences, Engineering and Technology, vol.8, no.8, pp.952-963, 2014 (Scopus)
- XLII. **Cross-Sectional Test of the Fama-French Three-Factor Model: Evidence from Bangladesh Stock Market**
KAMIL A. A.
AIP CONFERENCE PROCEEDINGS, vol.1613, no.null, pp.81-91, 2014 (Scopus)
- XLIII. **An analysis of variation of turn out time and response time in Penang state fire and rescue department**
Tamat A., Pawanchik S., KAMIL A. A., Hilmi M. F., Lateh H. H., Hasan M. Z., Ferdushi K. F., Hossain M. K.
Journal of Environmental Science and Technology, vol.7, no.4, pp.200-208, 2014 (Scopus)
- XLIV. **Time-varying stochastic frontier model approach for measuring female parliamentary efficiency of selected countries in Asia**
Khan N., Baten M. A., Hussein A., KAMIL A. A.
Research Journal of Applied Sciences, vol.9, no.3, pp.133-140, 2014 (Scopus)

- XLV. Impact of environmental factors on efficiency of rice production in Bangladesh**
Hossain M., KAMIL A. A., Masron T., Baten M.
Journal of Applied Sciences, vol.13, no.4, pp.564-571, 2013 (Scopus)
- XLVI. An empirical analysis of higher moment capital asset pricing model for Bangladesh stock market**
Hasan M. Z., KAMIL A. A., Mustafa A., Baten M. A.
Modern Applied Science, vol.7, no.5, pp.11-21, 2013 (Scopus)
- XLVII. Optimal consumption in a stochastic Ramsey model with Cobb-Douglas production function**
Baten M. A., KAMIL A. A.
International Journal of Mathematics and Mathematical Sciences, vol.2013, 2013 (Scopus)
- XLVIII. Efficiency in the worst production situation using data envelopment analysis**
Hossain M. K., KAMIL A. A., Mustafa A., Baten M. A.
Advances in Decision Sciences, vol.2013, 2013 (Scopus)
- XLIX. Pedestrian performance measures of an M/G/C/C state dependent queuing network in emergency**
Kawsar L. A., Ghani N., KAMIL A. A., Mustafa A.
Journal of Applied Sciences, vol.13, no.3, pp.437-443, 2013 (Scopus)
- L. Weighted regression method for the study of pedestrian flow characteristics in Dhaka, Bangladesh**
Rahman K., Ghani N. A., KAMIL A. A., Mustafa A.
Modern Applied Science, vol.7, no.4, pp.17-30, 2013 (Scopus)
- LI. Analyzing and estimating portfolio performance of Bangladesh stock market**
Hasan M. Z., KAMIL A. A., Mustafa A., Baten M. A.
American Journal of Applied Sciences, vol.10, no.2, pp.139-146, 2013 (Scopus)
- LII. Inventory-production control systems with gumbel distributed deterioration**
Azizul Baten M., KAMIL A. A., Lateh H., Ahmed Khan Y.
International Journal of Applied Mathematics and Statistics, vol.34, no.4, pp.30-51, 2013 (Scopus)
- LIII. Evaluating emergency department resource capacity using simulation**
Ahmad N., Ghani N. A., KAMIL A. A., Tahar R. M., Teo A. H.
Modern Applied Science, vol.6, no.11, pp.9-19, 2012 (Scopus)
- LIV. Analysis of pedestrian free flow walking speed in a least developing country: A factorial design study**
Rahman K., Ghani N. A., KAMIL A. A., Mustafa A.
Research Journal of Applied Sciences, Engineering and Technology, vol.4, no.21, pp.4299-4304, 2012 (Scopus)
- LV. Evaluation of online bank efficiency in Bangladesh: A data envelopment analysis (DEA) approach**
Bhuia M. R., Baten A., KAMIL A. A., Deb N.
Journal of Internet Banking and Commerce, vol.17, no.2, pp.1-17, 2012 (Scopus)
- LVI. Evaluation of groundwater quality using linear regression model**
Ali Khan M. M., Umar R., Baten A., Lateh H., KAMIL A. A.
Journal of Applied Sciences Research, vol.8, no.1, pp.251-260, 2012 (Scopus)
- LVII. Relationship between Risk and Expected Returns: Evidence from the Dhaka Stock Exchange**
KAMIL A. A.
2ND ANNUAL INTERNATIONAL CONFERENCE ON ACCOUNTING AND FINANCE (AF 2012) AND QUALITATIVE AND QUANTITATIVE ECONOMICS RESEARCH (QQE 2012), vol.2, no.null, pp.1-8, 2012 (Peer-Reviewed Journal)
- LVIII. A validity test of capital asset pricing model for Dhaka Stock Exchange**
Hasan M. Z., KAMIL A. A., Mustafa A., Baten M. A.
Journal of Applied Sciences, vol.11, no.20, pp.3490-3496, 2011 (Scopus)
- LIX. Efficiency wage hypothesis validity tests using stochastic frontier analysis**
Ferdous K. F., KAMIL A. A., Baten M. A.
Australian Journal of Basic and Applied Sciences, vol.5, no.12, pp.1641-1649, 2011 (Scopus)
- LX. Technical efficiency and meta-technology ratios of regional firms in Bangladesh: A stochastic meta-frontier model**
Ferdoushi K. F., KAMIL A. A., Azizul Baten M., Mustafa A.
Scientific Research and Essays, vol.6, no.29, pp.6120-6131, 2011 (Scopus)

- LXI. **Evaluation of stock market technical efficiency with a comparison of groups of companies in Dhaka stock exchange**
Hasan M. Z., KAMIL A. A., Baten M. A.
International Journal of Physical Sciences, vol.6, no.24, pp.5857-5865, 2011 (Scopus)
- LXII. **Wage augmented stochastic frontier model with truncated normal distribution**
Ferdushi K. F., Baten M. A., KAMIL A. A., Mustafa A.
International Journal of Physical Sciences, vol.6, no.14, pp.3288-3295, 2011 (Scopus)
- LXIII. **Optimal control of inventory-production systems with gumbel distributed deterioration**
Baten M. A., KAMIL A. A.
International Journal of Physical Sciences, vol.6, no.7, pp.1851-1862, 2011 (Scopus)
- LXIV. **Optimal production control in stochastic manufacturing systems with degenerate demand**
Baten M. A., KAMIL A. A.
East Asian Journal on Applied Mathematics, vol.1, no.1, pp.89-96, 2011 (Scopus)
- LXV. **Dynamics simulation approach in analyzing pension expenditure**
Sapiri H., KAMIL A. A., Tahar R. M., Tumin H.
World Academy of Science, Engineering and Technology, vol.46, pp.814-820, 2010 (Scopus)
- LXVI. **E-banking of economical prospects in Bangladesh**
Baten M. A., KAMIL A. A.
Journal of Internet Banking and Commerce, vol.15, no.2, pp.1-10, 2010 (Scopus)
- LXVII. **Optimal control of a production inventory system with generalized pareto distributed deterioration items**
Baten M. A., KAMIL A. A.
Journal of Applied Sciences, vol.10, no.2, pp.116-123, 2010 (Scopus)
- LXVIII. **Maximum downside semi deviation stochastic programming for portfolio optimization problem**
KAMIL A. A., Mustafa A., Ibrahim K.
Journal of Modern Applied Statistical Methods, vol.9, no.2, pp.536-546, 2010 (Scopus)
- LXIX. **Optimal Fuzzy Control with Application to Discounted Cost Production Inventory Planning Problem**
KAMIL A. A.
LECTURE NOTES IN ENGINEERING AND COMPUTER SCIENCE, no.null, pp.1898-1902, 2010 (Peer-Reviewed Journal)
- LXX. **Mean absolute negative deviation measure for portfolio selection Problem**
KAMIL A. A., Mustafa A., Ibrahim K.
Journal of Interdisciplinary Mathematics, vol.13, no.5, pp.523-539, 2010 (Scopus)
- LXXI. **Stochastic optimization for portfolio selection problem with mean absolute negative deviation measure**
KAMIL A. A., Mustafa A., Ibrahim K.
Journal of Mathematics and Statistics, vol.5, no.4, pp.379-386, 2009 (Scopus)
- LXXII. **Some results on bellman equations of optimal production control in a stochastic manufacturing system**
Baten A., KAMIL A. A.
Journal of Probability and Statistics, 2009 (Scopus)
- LXXIII. **An optimal control approach to inventory-production systems with Weibull distributed deterioration**
Baten M. A., KAMIL A. A.
Journal of Mathematics and Statistics, vol.5, no.3, pp.206-214, 2009 (Scopus)
- LXXIV. **Semi-parametric of sample selection model using fuzzy concepts**
Muhamad Safiih L., KAMIL A. A., Abu Osman M.
Journal of Modern Applied Statistical Methods, vol.8, no.2, pp.547-559, 2009 (Scopus)
- LXXV. **Bayesian approach for robust parameter tracking**
KAMIL A. A.
Electronic Journal of Applied Statistical Analysis, vol.1, no.1, pp.24-32, 2008 (Scopus)
- LXXVI. **Fuzzy semi-parametric sample selection model case study for participation of married women**

- Safiih L. M., KAMIL A. A., Osman M. A.
WSEAS Transactions on Mathematics, vol.7, no.3, pp.112-119, 2008 (Scopus)
- LXXVII. **Fuzzy approach to semi-parametric of a sample selection model**
Safiih L. M., KAMIL A. A., Osman M. A.
WSEAS Transactions on Mathematics, vol.7, no.3, pp.104-111, 2008 (Scopus)
- LXXVIII. **Non-linear dynamic panel data analysis for debt-equity choice and its impact on moral hazard problems**
Taib F. M., KAMIL A. A., Setiawan A.
Prague Economic Papers, no.2, pp.143-156, 2008 (Scopus)
- LXXIX. **Stochastic optimization with mean absolute negative deviation measure for portfolio selection problem**
KAMIL A. A.
RECENT ADVANCES ON APPLIED MATHEMATICS, no.null, pp.178, 2008 (Peer-Reviewed Journal)
- LXXX. **Economic value added (EVA) as a performance measurement for GLCs vs non-GLCs: Evidence from Bursa Malaysia**
Issham I., Fazilah A. S. M., Hwa Y. S., KAMIL A. A., Azli A., Ayub M. A.
Prague Economic Papers, no.2, pp.168-179, 2008 (Scopus)
- LXXXI. **Symmetric and asymmetric information modeling in economic growth**
KAMIL A. A.
Malaysian Journal of Mathematical Sciences, vol.1, no.2, pp.163-168, 2007 (Scopus)
- LXXXII. **Excess volatility and stochastic approach of interest rates in stock market**
KAMIL A. A., Kesuma Z. M.
Journal of Interdisciplinary Mathematics, vol.10, no.6, pp.801-821, 2007 (Scopus)
- LXXXIII. **Model selection of meat demand system using the rotterdam model and the Almost Ideal Demand System (AIDS)**
Paraguas M. D. S., KAMIL A. A.
Journal of Modern Applied Statistical Methods, vol.5, no.2, pp.529-537, 2006 (Scopus)
- LXXXIV. **Portfolio resampling in Malaysian equity market**
Mansor S. N. A., Baharum A., KAMIL A. A.
Monte Carlo Methods and Applications, vol.12, no.3, pp.261-269, 2006 (Scopus)
- LXXXV. **Fuzzy approach to sample selection model**
Safiih L. M., KAMIL A. A., Osman M. A.
WSEAS Transactions on Mathematics, vol.5, no.6, pp.706-712, 2006 (Scopus)
- LXXXVI. **Empirical test of the currency option pricing model**
KAMIL A. A., Jiun L. Y.
WSEAS Transactions on Mathematics, vol.4, no.4, pp.362-367, 2005 (Scopus)
- LXXXVII. **Spatial econometrics modeling of poverty**
Paraguas F. J., KAMIL A. A.
WSEAS Transactions on Mathematics, vol.4, no.4, pp.368-373, 2005 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

- I. **Used Car Price Prediction in Surabaya Using Random Forest Regressor Algorithms**
Kinadi A. F., Andreswari R., Sutoyo E., Nugraha R., KAMIL A. A.
4th International Conference Advancement in Data Science, E-Learning and Information Systems, ICADEIS 2022, Bandung, Indonesia, 23 - 24 November 2022
- II. **Production Risk with Feasible Generalized Least Square**
Ferdushi K. F., Hossain M. K., Kamil A. A.
1st International Conference on Advanced Information Scientific Development, ICAISD 2020, Bekasi, West Java, Indonesia, 6 - 07 August 2020, vol.1641

- III. **A Generalized Reduced Gradient Approach for Solving a Class of Two-Stage Stochastic Nonlinear Programs**
Syarah F., Mawengkang H., KAMIL A. A., Sutarman S.
1st International Conference on Computer Science and Applied Mathematic, ICCSAM 2018, Parapat, North Sumatera, Indonesia, 10 - 12 October 2018, vol.1255
- IV. **Multi-criteria Mathematical Model for Partial Double Track Railway Scheduling in Urban Rail Network**
Setyawan E. B., Damayanti D. D., KAMIL A. A.
2018 IEEE International Conference on Industrial Engineering and Engineering Management, IEEM 2018, Bangkok, Thailand, 16 - 19 December 2018, vol.2019-December, pp.1416-1420
- V. **Modeling emergency department using a hybrid simulation approach**
Ahmad N., Ghani N. A., KAMIL A. A., Mat Tahar R.
2012 World Congress on Engineering, WCE 2012, London, England, 4 - 06 July 2012, vol.229 LNEE, pp.701-711
- VI. **Multi-sensor data inputs rainfall estimation for flood simulation and forecasting**
Wardah T., Suzana R., Huda S. Y. S. N., KAMIL A. A.
2012 IEEE Colloquium on Humanities, Science and Engineering Research, CHUSER 2012, Kota-Kinabalu, Malaysia, 3 - 04 December 2012, pp.374-379
- VII. **Emergency department problems: A call for hybrid simulation**
Ahmad N., Ghani N. A., KAMIL A. A., Tahar R. M.
2012 World Congress on Engineering, WCE 2012, London, England, 4 - 06 July 2012, vol.3, pp.1470-1474
- VIII. **Improving the livelihood of single mothers through microcredit facilities**
Zarina M., Dalilah Y., KAMIL A. A.
2011 IEEE Colloquium on Humanities, Science and Engineering, CHUSER 2011, Penang, Malaysia, 5 - 06 December 2011, pp.586-591
- IX. **Statistical verification of numerical weather prediction models for quantitative precipitation forecast**
Wardah T., KAMIL A. A., Sahol Hamid A., Maisarah W.
2011 IEEE Colloquium on Humanities, Science and Engineering, CHUSER 2011, Penang, Malaysia, 5 - 06 December 2011, pp.88-92
- X. **Optimal fuzzy control with application to discounted cost production inventory planning problem**
Baten M. A., KAMIL A. A.
World Congress on Engineering 2010, WCE 2010, London, England, 30 June - 02 July 2010, vol.3, pp.1898-1902
- XI. **A framework for emergency department capacity planning using system dynamics approach and the theory of constraints philosophies**
Ahmad N., Ghani N. A., KAMIL A. A., Tahar R. M.
24th European Conference on Modelling and Simulation, ECMS 2010, Kuala-Lumpur, Malaysia, 1 - 04 June 2010, pp.143-148

Activities in Scientific Journals

DAFFODIL INTERNATIONAL UNIVERSITY JOURNAL OF SCIENCE AND TECHNOLOGY (DIUJST), Editor, 2023 - Continues
 Psymphatic, Editor, 2023 - Continues
 Journal of Statistical Methods and Data Science , Editor, 2023 - Continues
 Inferensi, Editor, 2022 - Continues
 Journal of Sustainable Economics and Management Studies, Advisory Committee Member, 2021 - Continues
 Jurnal Mantik, Committee Member, 2021 - Continues
 Jurnal Natural, Editor, 2011 - Continues
 BULLETIN OF THE MALAYSIAN MATHEMATICAL SCIENCES SOCIETY, Editor, 2001 - Continues

Scientific Refereeing

ENGINEERING REPORTS, Journal Indexed in SSCI, August 2023

OPTIMIZATION, SCI Journal, June 2023

Production and Manufacturing Research, SCI Journal, January 2023

ENVIRONMENTAL MONITORING AND ASSESSMENT AN INTERNATIONAL JOURNAL DEVOTED TO PROGRESS IN THE USE OF MONITORING DATA IN ASSESSING ENVIRONMENTAL RISKS TO MAN AND THE ENVIRONMENT, SCI Journal, January 2023

Congress and Symposium Activities

1st International Conference Economics, Accounting, Management and Technopreneur (ICEMAT) 2023, Invited Speaker, Kuala-Lumpur, Malaysia, 2023

International Conference on Advanced Information Scientific Development (ICAISD) 2023, Invited Speaker, Bekasi, Indonesia, 2023