CURRICULUM VITAE

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(*This version*: 18/12/2024)

Keywords

- Mathematical Optimization, Operations Research, Financial Engineering, Stochastic Models, Data Science / Machine Learning, Computational Methods / Simulation.

1. Education

- (10/2011-06/2016) **Ph.D. in Financial Mathematics**, Institute of Applied Mathematics, **Middle East Technical University**, Ankara, Turkey. GPA: **3.86/4.00**. Dissertation: "*Financial Modelling with Random Bridge Signals and Forward Information*".

  – *Adviser:* Prof. Gerhard-Wilhelm Weber, Middle East Technical University (Türkiye) ✉

  – *Co-adviser:* Prof. Anthony G. Constantinides, Imperial College London (UK) ✉

- (06/2015-01/2016) **Doctoral Research Fellow**, Financial Signal Processing (FSP) Lab, EEE Department, **Imperial College London**, London, UK (Director: Prof. Anthony G. Constantinides).

- (10/2008-06/2010) **M.Sc. in Financial Mathematics**, Institute of Applied Mathematics, **Middle East Technical University**, Ankara, Turkey. GPA: **3.81/4.00**. Dissertation: "*Pricing power derivatives: electricity swing options*". (v1: `http://goo.gl/vZARv0`, v2: `https://goo.gl/ONDY7O`)

  – *Adviser:* Prof. Kasirga Yildirak, Middle East Technical University (Türkiye) ✉
  – *Co-adviser:* Prof. Rüdiger Kiesel, University of Ulm (Germany) ✉

- (08/2009-03/2010) **Master's Exchange Student**, Department of Mathematical Finance, University of Ulm, Ulm, Germany (Adviser: Prof. Rüdiger Kiesel).

- (10/2002-06/2006) **B.Eng. in Management Engineering**, Faculty of Management, **Istanbul Technical University**, Istanbul, Turkey. GPA: **3.24/4.00**. Graduation Project: "*Stock Markets, Banks and Economic Growth: A Panel Data Analysis*".

Other Academic Visits

- (01/2011-02/2011) **PhD Research Visit**, Institute of Applied Mathematics, **Heidelberg University**, Heidelberg, Germany (Adviser: Prof. Dr. Willi Jäger, Collaborator: Dr. Anamaria Bodea).

2. Employment

- (05/2018-present) **Assistant Professor**[1], Department of Industrial Engineering, Istinye University, Istanbul, Turkey
- (12/2021-03/2022) **Vice Dean**, Faculty of Engineering and Natural Sciences, Istinye University, Istanbul, Turkey
- (05/2018-03/2023) **(Founding) Head**, Department of Industrial Engineering, Istinye University, Istanbul, Turkey
- (01/2017-06/2017) **Adjunct Faculty**, Department of Industrial Engineering, TED University, Ankara, Turkey
- (01/2014-12/2015) **Senior Research Economist**, Department of Economic and Social Research, OIC Ankara Centre (SESRIC), Ankara, Turkey.
- (02/2011-12/2013) **Research Economist**, Department of Economic and Social Research, OIC Ankara Centre (SESRIC), Ankara, Turkey.
- (07/2006-10/2007) **Financial Analyst** (as part of Executive Development Programme), Kibar Holding, Istanbul, Turkey.
- (07/2005-07/2006) **Research Associate**, Activeline Banking & Finance Research Center, Istanbul, Turkey.
- (09/2005) **Intern**, Tax & Legal Advisory Division, PricewaterhouseCoopers (PwC), Istanbul, Turkey.
- (08/2005) **Intern**, Treasury, Halkbank, Istanbul, Turkey.
- (08/2004) **Intern**, Quality Assurance, Mercedes-Benz Turk, Istanbul, Turkey.

3. Research

3.1 Graduate Theses

1. Aydin, N.S., 2016. *Financial Modelling with Random Bridge Signals and Forward Information.* **Doctoral Thesis**, Co-advised by Prof. Gerhard-Wilhelm Weber (Middle East Technical University, Turkey) and Prof. Anthony G. Constantinides (Imperial College London, UK).

2. Aydin, N.S., 2010. *Pricing Power Derivatives: Electricity Swing Options.* **Master's Thesis**, Co-advised by Prof. Dr. Ruediger Kiesel (University of Ulm, Germany) and Assoc. Prof. Kasirga Yildirak (Middle East Technical University, Turkey). Full access at: `http://goo.gl/vZARv0` (v1) or `https://goo.gl/ONDY7O` (v2).

3.2 Books/Chapters

1. [Chapter] Arslan, E.Y., Kara, S.S., **Aydın, N.S.** & Yildirim, O. (2023). *The Personified Model for Supply Chain Management.* In Multidimensional and Strategic Outlook in Digital Business Transformation: Human Resource and Management Recommendations for Performance Improvement (pp. 191-204). Cham: Springer International Publishing. ISBN 978-3-031-23432-3, DOI: `10.1007/978-3-031-23432-3_16`.

2. [Chapter] Tirkolaee, E.B., **Aydın, N.S.**, Mahdavi, I., & Celik, B. (2022). *A Multi-objective Optimization Model for Sustainable-Robust Aggregate Production Planning Problem.* In International Conference on Science, Engineering Management and Information Technology (pp. 18-34). Cham: Springer Nature Switzerland. ISBN 978-3-031-40394-1, DOI: `10.1007/978-3-031-40395-8_2`.

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[1]Associate professorship in-progress. Date of application: October 31, 2024.

3. [BOOK] Aydin, N. S., 2017. *Financial Modelling with Forward-looking Information: An Intuitive Approach to Asset Pricing.* Contributions to Management Science Series, Springer. ISBN 978-3-319-57147-8, DOI: `10.1007/978-3-319-57147-8`.

4. [CHAPTER] Aydın, N.S. and Rainer M. 2015. Concept and Mathematics of Interest-free Valuation and Financial Engineering. In: El-Karanshawy, H.A. et al. eds. *Developing Inclusive and Sustainable Economic and Financial Systems*, Vol. 3, ISBN: 978-9927-118-23-4, Bloomsbury Qatar Foundation Journals.

3.3 Journal Papers

1. Aydın, N. S. (2024). A seismic-risk-based bi-objective stochastic optimization framework for the pre-disaster allocation of earthquake search and rescue units. Mathematical Modelling and Numerical Simulation with Applications, 4(3), 370-394. DOI: `10.53391/mmnsa.1517843` [SCOPUS]

2. Aydın, N. S., Dawoud, O., & Babaee Tirkolaee, E. (2024). Designing a Sustainable Water Supply Strategy through Biobjective Mixed-Integer Linear Programming: A Case Study on Gaza. Journal of Water Resources Planning and Management, 150(8), 05024008. `10.1061/JWRMD5.WRENG-6330` [SCIE-Q2]

3. Tirkolaee, E. B., **Aydın, N.S.**, & Mahdavi, I. (2023). A bi-level decision-making system to optimize a robust-resilient-sustainable aggregate production planning problem. *Expert Systems with Applications*, 228, 120476. DOI: `10.1016/j.eswa.2023.120476` [SCIE-Q1]

4. Tirkolaee, E.B., **Aydın, N.S.**. & Mahdavi, I. (2022). A hybrid biobjective markov chain based optimization model for sustainable aggregate production planning. *IEEE Transactions on Engineering Management.* DOI: `10.1109/TEM.2022.3210879` [SCIE-Q2]

5. Tirkolaee, E.B. & **Aydın, N.S.** (2022). Integrated design of sustainable supply chain and transportation network using a fuzzy bi-level decision support system for perishable products. *Expert Systems with Applications*, 195, 116628. DOI: `10.1016/j.eswa.2022.116628` [SCIE-Q1].

6. Aydın, N.S., & Tirkolaee, E.B. (2022). A systematic review of aggregate production planning literature with an outlook for sustainability and circularity. *Environment, Development and Sustainability*, 1-42. DOI: `10.1007/s10668-022-02304-8` [SCIE-Q2].

7. Aydın, N.S., & Tirkolaee, E.B. (2022). Modelling And Predicting The Growth Dynamics Of Covid-19 Pandemic: A Comparative Study Including Turkey. *Journal of Turkish Operations Management*, 6(1), 943-954 [ULAKBIM].

8. Aydın, N.S. (2022). A novel bi-objective model for a multi-period multi-product closed-loop supply chain. *Journal of Engineering Sciences and Design*, 10(1), 38-49. DOI: `10.21923/jesd.999165` [ULAKBIM].

9. Aydın, N.S. (2022). Reinforcement-learning-based optimal trading in a simulated futures market with heterogeneous agents. Simulation, 98(4), 321-333. DOI: `10.1177/00375497211061114` [SCIE-Q3].

10. Tirkolaee, E.B. and **Aydın, N.S.** (2021). A sustainable medical waste collection and transportation model for pandemics. *Waste Management & Research*, 39(1_suppl), 34-44. DOI: `10.1177/0734242X21100043` [SCIE-Q2].

11. Goli, A., Tirkolaee, E.B. and **Aydın, N.S.** (2021). Fuzzy Integrated Cell Formation and Production Scheduling considering Automated Guided Vehicles and Human Factors. *IEEE Transactions on Fuzzy Systems*, `10.1109/TFUZZ.2021.3053838` [SCIE-Q1].

12. Tirkolaee, E.B., **Aydın, N.S.**, Weber, G.-W. and Ranjbar-Bourani, M. (2020). A robust bi-objective mathematical model for disaster rescue units allocation and scheduling with learning effect. *Computers & Industrial Engineering*, 149, `10.1016/j.cie.2020.106790` [SCIE-Q1].

13. Aydın, N.S. and Rainer, M. (2020). Asset-backed stable numéraire for sustainable valuation. *Journal of Sustainable Finance and Investment*, `doi.org/10.1080/20430795.2020.1769983` [ESCI, Scopus].

14. Aydın, N.S. (2017). A Quantitative Framework for Testing Portfolio Resilience under IFSB and Basel Capital Rules. *International Journal of Islamic and Middle Eastern Finance and Management*, 10(3), 290-311, `10.1108/IMEFM-03-2016-0036` [SCIE-Q2].

15. Giebel, S., Rainer, M. and **Aydın, N.S.** (2013). Simulation and Prediction of Wind Speeds: A Neural Network for Weibull. *Journal of Iranian Statistical Society*, 12(1), pp. 293-319 [ESCI, Scopus].

16. Aydın, N.S. and Rainer M. (2013). Valuation of Power Swing Options. *Journal of Energy Markets*, 6(3), pp. 89-110 [ESCI].

17. Aydın, N.S. and Kucukozmen, C.C. (2010). Stress Testing of Energy-Related Derivative Instruments Based on Conditional Market Risk Models. *Journal of Energy, Market and Regulation*, 1(2), 121-144.

3.4 Ongoing / Planned

1. Aydın, N.S (2025). DL-based chart pattern recognition in financial markets.

2. Aydın, N.S (2025). Metaheuristics for seismic-risk-based location-allocation of search-and-rescue units (case study: Istanbul).

3. Aydın, N.S (2025). A simulation-optimization model for traffic flow / congestion (case study: Istanbul).

3.5 Projects

1. [Adviser] Celik, B., Demir, G., Akgul, M. and Aydın, N.S. (10/2022−06/2023). Simulation-based Scenario Analysis for the Integration of Electric Vehicle (EV) Charging Units into Fuel Stations in the context of Sustainable Cities (TUBITAK 2209-A, Reference No: 1919B012207888).

2. [Coordinator] Aydın, N.S., Tirkolaee, E.B., Mahdavi, I., (11/2020−05/2022). Sustainable Aggregate Production Planning using Multi-Criteria Optimization, Mathematical Modeling and Dynamic Programming (TUBITAK-MSRT 2535 Joint Call, Project No: 119N668).

3. [Researcher] Weber, G.-W., Kuter, S., Yerlikaya-Özkurt, F., Kılıç, E., Özmen, A., Karimov, A., Yılmaz, F., **Aydın, N.S.**, Kürüm, E., Öz, H., Aslan-Yıldırım, M.H (2014). Identification, Optimization and Control of Stochastic Hybrid Systems with Jumps for Financial, Economical and Environmental Processes (BAP#07-05-2014-006, funded by METU).

3.6 Proceedings / Posters

1. Aydın, N.S. (2023) A Risk-Based Stochastic Optimization Framework for pre-Disaster Optimal Allocation of Earthquake Search and Rescue Units. International Conference on Optimization and Data Science in Industrial Engineering (ODSIE), November 16-17, Istanbul, Turkiye.

2. Aydın, N.S., Tirkolaee, E.B., Celik, B. & Mahdavi, I. (2022) A novel multi-objective model for sustainable-robust aggregate production planning problem. International Conference on Science, Engineering Management and Information Technology (SEMIT), February 2-3, Ankara, Turkiye.

3. Celik, B., Demir, G., Akgul, M. and **Aydin, N.S.** (2022) Simulation-Based Analysis of Fuel Stations: An Outlook for the Integration of EV Charging Units Towards Sustainable Cities. Fifth Graduate Student Conference on Energy and Sustainable Development (GSCESD), December 9, Istanbul, Turkiye.

4. Aydın, N.S., 2021. Reinforcement Learning based Optimal Trading in a Heterogeneous Agent Network. SIAM Conference on Financial Mathematics and Engineering (FM21), June 1-4 (virtual).

5. Kiymaz, G., Dindar, A.A., Tugsal, U.M., Tanircan, G. and **Aydın, N.S.** (2019). *State of the art review on seismic behavior and design of steel storage racking structures*, 5th International Conference on Earthquake Engineering and Seismology, October 8-11, Ankara, Turkey.

6. [Poster] Aydin, N.S. and Weber, G.-W. (2018). *Financial Signal Processing with Lévy Information*. International Data Science and Engineering Workshop (IDSEW), May 12-13, Safranbolu, Turkey.

7. Weber, G.-W., Savku, E., Kerimov, A., & **Aydın, N.S.** (2017). Stochastic optimal control of impulsive systems under regime switches and paradigm shifts, in biology, finance and economics. 21th International Federation of Operations Research Societies (IFORS) Triennial Conference, July 15-21, Quebec, Canada.

8. Weber, G.-W., Savku, E., Kerimov, A., & **Aydın, N.S.** (2016). Optimization and Control Reenters under Stochastic Uncertainty, Jumps, Regime Switches and Paradigms Shifts. 14th EUROPT Workshop on Advances in Continuous Optimization, July 1-2, Warsaw, Poland.

9. Weber, G.-W., Savku, E., Kerimov, A., **Aydın, N.S.** & Kilic, E. (2015). Emerging Operational Research, Finance and Economics: Optimal Control under Regime Switches and Paradigm Shifts. 2nd International Conference on Computational and Experimental Science and Engineering (ICCESEN), October 14-19, Antalya, Turkiye.

10. Aydın, N.S. (2015). *Market Risk Management of Interest-free Portfolios under IFSB and Basel Capital Frameworks: A Quantitative Method for Stress-Testing.* 10th ICIEF, March 23-24, Doha, Qatar.

11. Giebel, S., Rainer, M. and **Aydın, N.S.** (2011). *Simulation and Prediction of Wind Speeds: A Neural Network for Weibull.* Energy & Finance Conference, October 5-6, Rotterdam, Netherlands.

12. Aydın, N. S. (2011). *Concepts and Mathematics of Interest-free Financial Engineering*, 8th ICIEF, December 20, Doha, Qatar

13. Aydın, N. S. and Kucukozmen, C.C. (2009). *Stress Testing of Energy-Related Derivative Instruments Based on Conditional Market Risk Models*, 2nd Multinational Energy and Value Conference, Istanbul, Turkiye.

3.7 Forewords / Prefaces

1. [SI Preface] Weber, G.-W., Arabnia, H., **Aydın, N.S.**, Tirkolaee, E.B. (2023). Preface: *Advances of machine learning and optimization in healthcare systems and medicine*. Annals of Operations Research, 328(1), pp. 1-2 [SCIE-Q1].

2. [Book Foreword] (with G.-W. Weber and E. Kropat). In: Kharchenko V. and Vasant, P. eds. (2019), *Handbook of Research on Smart Computing for Renewable Energy and Agro-Engineering*, IGI Global, Hershey PA, USA, P. (Foreword link.)

3. [Book Foreword] (with G.-W. Weber and E. Kropat). In: Vasant P. and Voropai, N. eds. (2016), *Sustaining Power Resources through Energy Optimization and Engineering*, IGI Global, Hershey PA, USA, P. (Book `link` / Foreword link.)

3.8 Published reviews

1. [Article review]. (review with G.-W. Weber and S. Gutmen) De Santis, M., Eichfelder, G., Niebling, J., Rocktäschel, S. (2020). Solving multiobjective mixed integer convex optimization problems. *SIAM Journal on Optimization*, 30(4): 3122-3145. Review link: `zbmath.org/`.

2. [BOOK REVIEW]. Calin, O (2017). *Deterministic and stochastic topics in computational finance*, Hackensack, NJ: World Scientific (ISBN 978-981-3203-08-2). xix, 461 p. Review link: `zbmath.org/?q=an:06668012`.

3. [ARTICLE REVIEW]. (review with G.-W. Weber) Larsen, K., Mostovyi, O., Zitkovic, G. (2018). An expansion in the model space in the context of utility maximization. *Finance Stoch.*, 22, No.2, 297-326. Review link: `zbmath.org/?q=an:06856570`.

4. [ARTICLE REVIEW]. (review with G.-W. Weber) Bauschke, H.H., Wang, C., Wang, X., Xu, J. (2018). Subgradient projectors: extensions, theory, and characterizations. *Set-Valued Var. Anal.*, 26, No.4, 1009-1078. Review link: `zbmath.org/?q=an:1422.49014`.

5. [ARTICLE REVIEW]. (review with G.-W. Weber) Goncalves, D.A., Santos, S.A. (2016). Local analysis of a spectral correction for the Gauss-Newton model applied to quadratic residual problems. *Numer. Algorithms*, 73, No. 2, 407-431. Review link: `zbmath.org/`.

6. [ARTICLE REVIEW]. (review with G.-W. Weber) Liu, H. and Liu, Z. (2019). An Efficient Barzilai−Borwein Conjugate Gradient Method for Unconstrained Optimization. *Journal of Optimization Theory and Applications*, 180:879-906. Review link: `zbmath.org/`.

7. [ARTICLE REVIEW]. (review with G.-W. Weber) Latorre, V., Habal, H., Graeb, H., Lucidi, S. (2019). Derivative free methodologies for circuit worst case analysis. *Optimization Letters*, 13:1557?1571. Review link: `zbmath.org/`.

3.9 Editorships

1. [ACADEMIC EDITOR] **Aydın, N.S.** (2023-present). PLOS ONE. [SCIE-Q1].

2. [GUEST EDITOR] Weber, G.-W., Arabnia, H., **Aydın, N.S.**, Tirkolaee, E.B. (2023). Special Issue on *Advances of machine learning and optimization in healthcare systems and medicine*. Annals of Operations Research, 328(1). [SCIE-Q1].

3.10 Conference Organization

1. [CO-CHAIR] International Conference on Optimization and Data Science in Industrial Engineering (ODSIE), November 16-17, 2023, Istanbul (Turkey).

2. [COORDINATOR] International Forum on Financial Systems (IFFS), September 11-12, 2013, Istanbul (Turkey).

4. Teaching

4.1 Courses

1. [UNDERGRAD] **Time Series Analysis and Forecasting**. Elective, Department of Industrial Engineering, Istinye University, Fall 24/25.

2. [UNDERGRAD] **Modellling and Optimization 2**. Compulsory, Department of Industrial Engineering, Istinye University, Fall 22/23, 23/24, 24/25.

3. [UNDERGRAD] **Systems Simulation**. Compulsory, Department of Industrial Engineering, Istinye University, Spring 21/22, 22/23, 23/24.

4. [UNDERGRAD] **Industrial Engineering Orientation**. Compulsory, Department of Industrial Engineering, Istinye University, Fall 22/23.

5. [UNDERGRAD] **Introduction to Optimization**. Elective, Faculty or Enggineering and Natural Sciences, Istinye University, Spring 21/22, 23/24.

6. [UNDERGRAD] **Financial Engineering**. Elective, Faculty of Engineering and Natural Sciences, Istinye University, Fall 21/22, 23/24.

7. [UNDERGRAD] **Engineering Economics**. Compulsory, Department of Industrial Engineering, Istinye University, Fall 20/21, 21/22.

8. [UNDERGRAD] **Probability & Statistics**. Compulsory, Faculty of Engineering, Istinye University, Spring 19/20, 20/21.

9. [UNDERGRAD] **Operations Research**. Compulsory, Department of Management, Istinye University, Fall 19/20.

10. [UNDERGRAD] **Differential and Integral Calculus**. Compulsory, Department of Software Engineering, Istinye University, Fall 18/19.

11. [UNDERGRAD] **Lean Process Design**. Compulsory, Department of Industrial Engineering, TED University, Spring 17/18.

4.2 Trainings and Seminars

1. [TRAINING] *Financial Modelling and Simulation.* Participation Banks Association of Turkey (TKBB), December 2-3, 2017, Istanbul, Turkey.

2. [SEMINAR] *Financial Modelling with Lévy Information.* Department of Business, TOBB University of Economics and Technology, November 22, 2016, Ankara, Turkey.

3. [SEMINAR] *An Exotic Option for Energy Commodities.* Job Market Seminar at SESRIC HQs, Feb 16, 2011, Ankara, Turkey.

4. [SEMINAR] *Swing Options: A Multi-Ornstein-Uhlenbeck Model and Pricing with Grids.* Institute of Applied Mathematics, Heidelberg University, Feb 4, 2011, Heidelberg, Germany.

5. Certifications

- Financial Risk Manager − FRM® (2014). GARP ID: 93896.

6. Awards & Designations

- 2535 TUBITAK-MSRT Joint Project Call Grantee (2020), The Scientific and Technological Research Council of Turkey (TUBITAK), Ankara, Turkey.

- International Doctoral Research Scholarship (2015), The Scientific and Technological Research Council of Turkey (TUBITAK), Ankara, Turkey.

- Doctoral Scholarship (2011-2016), The Scientific and Technological Research Council of Turkey (TUBITAK), Ankara, Turkey.

- Graduation with High Honors (2010), Graduate School of Applied Mathematics, Middle East Technical University, Ankara, Turkey.

- Master's Scholarship (2008-2010), The Scientific and Technological Research Council of Turkey (TUBITAK), Ankara, Turkey.

- Scholarship for Financial Risk Manager (FRM) Certification Programme (2009), Global Association of Risk Professionals (GARP).

- Graduation with High Honors (2006), Department of Management Engineering, Faculty of Management, Istanbul Technical University, Istanbul, Turkey.

- University Entry Rank (2001): 2003rd (nationwide)

7. Programming & Software

- Python, MATLAB, LaTeX, MS Excel (Proficient)

8. Languages

- English (Proficient), German (Good), Arabic (Basic)

9. Memberships

1. [Advisory Committee Member] (07/2023-07/2024) Bilisim Vadisi.
2. [Secondary Proposer] COST Action on Sustainable Digital Transformation in Europe. Proposal Reference: OC-2024-1-27294.
3. [WG Member] COST Action 22137 Randomised Optimisation Algorithms Research Network. Action website: `roar-net.eu`.[2]
4. [WG Member] COST Action 19130 Fintech and Artificial Intelligence in Finance - Towards a transparent financial industry (FinAI). Action website: `fintech-ai-finance.com`.[3]
5. [Affiliate] Global Association of Risk Professionals (GARP).
6. [Affiliate] Society for Industrial and Applied Mathematics (SIAM)

10. Policy Research

1. Bagci, K., **Aydin, N.S.**, Dabour, N.M., Ahmed, A.G. and Alpay, S. (Ed.) 2014. *Managing Disasters and Conflicts in OIC Countries*. SESRIC. Full access at: `http://goo.gl/Jwa84a`.

2. Hussain, M., **Aydin, N.S.**, Bagci, K., Dabour, N.M. and Alpay, S. (Ed.) 2014. *OIC Strategic Health Programme of Action (OIC-SHPA) 2014-2023*. OIC−SESRIC−IDB. Full access at: `http://goo.gl/Q2EsMc`.

3. Bagci, K., **Aydin, N.S.**, Tintin, C., Hussain, M., Dabour, N.M. and Alpay, S. (Ed.) 2014. *OIC Economic Outlook 2014: Enhancing Productivity and Competitiveness*. SESRIC. Full access at: `http://goo.gl/lzXax5`

4. Aydin, N.S., Tintin, C., Bagci, K., Hussain, M., Dabour, N.M. and Alpay, S. (Ed.) 2014. *Agriculture and Food Security in OIC Member Countries 2014*. SESRIC. Full access at: `http://goo.gl/HnV4o4`.

5. Bagci, K., Aydin, N.S., Unal, U., Tintin, C., Hussain, M., Dabour, N.M. and Alpay, S. (Ed.) 2013. *OIC Economic Outlook 2013*. SESRIC. Full access at: `http://goo.gl/k3MCy6`.

6. Aydin, N.S. 2014. Patterns of Financial Access in OIC Member Countries. *OIC Outlook Series, SESRIC*, November. Full access at: `http://goo.gl/LQwr2K`.

7. Aydin, N.S. 2013. Developments in Financial Regulation and Supervision in OIC Member Countries: A Comparative Look at the Course of Global Financial Crisis. *OIC Outlook Series, SESRIC*, December. Full access at: `http://goo.gl/DTMUim`.

8. Aydin, N.S. 2012. Islamic Finance in OIC Member Countries, *OIC Outlook Series, SESRIC*, May. Full access at: `http://goo.gl/hSZCmu`.

9. Aydin, N.S. and Unal, U. 2012. Current Stance of Energy Resources and Potential in OIC Member Countries, *OIC Outlook Series, SESRIC*, December. Full access at: `http://goo.gl/xMK9vu`.

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[2]Joined on 11/2024.
[3]Joined on 04/2023. Action ended on 13.09.2024.

10. Aydin, N.S., 2011. Transportation Networks in the OIC Member Countries: Impact on Trade and Tourism, OIC Outlook Series, September. Full access at: `http://goo.gl/gDY7cN`.

11. Aydin, N.C., Tintin, C., Unal, U., Bagci, K., Korbajram, A., Hussain, M., Dabour, N.M. and Alpay, S. (Ed.) 2013. *State of Agriculture and Food Security in OIC Member Countries 2013.* SESRIC. Full access at: `http://goo.gl/XSI8kM`.

12. Bagci, K., Unal, U., **Aydin, N.S.**, Hussain, M., Selcuk, Z.Z., Dabour, N.M. and Alpay, S. (Ed.) 2012. *Education and Scientific Development in the OIC Member Countries 2012/2013.* Full access at: `http://goo.gl/gAq4Py`.

13. Unal, U. and **Aydin, N.S.**, 2012. Current Stance of Energy Resources and Potential in OIC Member Countries. In: Alpay, S. ed. *Economic Cooperation and Development Review*, 5(2), 2012, pp. 37-52. Full access at: `http://goo.gl/9DOSSu`.