

KRISTA DANIELLE YU, Ph.D.

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EDUCATION

*De La Salle University, Manila, Philippines***Doctor of Philosophy in Economics****2010-2014**

Thesis: "Modelling Disaster Vulnerabilities due to Sector Interdependencies"

*De La Salle University, Manila, Philippines***Master of Science in Economics****2007-2010**

Thesis: "Natural Disasters and its Effects to Economic Growth"

*De La Salle University, Manila, Philippines***Bachelor of Science in Applied Economics****2004-2007**

AWARDS

*The Oscar M. Lopez Center for Climate Change Adaptation and Disaster Management Foundation***December 2023****Climate Frontier Fellowship for Society and Development***University of the Philippines and EDCOM2***September 2023****University of the Philippines President Edgardo J. Angara (UPPEJA) Fellowship Award***National Academy of Science and Technology***2020 Outstanding Scientific Paper (Social Science Division)****July 2020***National Academy of Science and Technology***2017 Outstanding Young Scientist (Economics)****July 2017***Thomson Reuters***Philippines Promising Star (Economics and Business)****July 2016**

WORK EXPERIENCE

ACADEME*Teaching*Full Professor, School of Economics, *De La Salle University*

2021-present

Associate Professor, *School of Economics, De La Salle University*

2015-2020

Assistant Professor, *School of Economics, De La Salle University*

2011-2014

Assistant Professorial Lecturer, *School of Economics, De La Salle University*

2010-2011

Assistant Lecturer, *School of Economics, De La Salle University*

2008-2010

*Research*Visiting Researcher, *University of Derby, UK*

May 2016 – July 2016

Visiting Researcher, *The George Washington University, USA*

Jan 2013-Jan 2014

INDUSTRYSenior Expert, *Oscar M. Lopez Center for Climate**Change Adaptation and Disaster Management Foundation*

Oct 2019-present

Project-based Consultant for *Philippine Chamber of Food Manufacturers Inc.,**DLSU-Angelo King Institute*

Oct 2021-present

Project-based Consultant for *Partnership for Economic Policy (Canada), DLSU-Angelo King Institute*

Aug 2022-present

Project-based Consultant for *Philippines AirAsia, DLSU-Angelo King Institute*

Oct 2018-Jan 2019

Project-based Consultant for *Department of Trade and Industry, DLSU-Angelo King Institute*

Dec 2017

Project-based Consultant for *National Economic and Development Authority,**Orient Integrated Development Consultants Inc.*

Jan 2017-Sep 2017

Project-based Consultant for *Philippine Institute of Petroleum, DLSU-Center for Engineering and**Sustainable Development Research*

Oct 2016–May 2017

PHILIPPINE LEGISLATIVE PROCEEDINGS RESOURCE PERSON (19TH CONGRESS)

House of Representatives Committee on Disaster Resilience

- House Bill Nos. 2773, 2940, 3047, 3498, 3466, 3774, 3778, 4145, 4381, 5152, 5185, and 5211: "An Act Establishing Evacuation Centers in Every City and Municipality and Appropriating Funds Therefor"
- House Bill No. 2826: "An Act Providing for the Construction of a Multipurpose Gym in All Municipalities and Cities to Serve as Evacuation Center During Times of Calamity or Disaster and Appropriating Funds Therefor"
- House Bill No. 2995: "An Act Providing for the Designation of Community Shelters in Times of Natural Disasters, Calamities and Other Emergencies"
- House Bill No. 4233: "An Act Establishing Life Centers Serving as Disaster Emergency and Displacement Centers in Each of the City of Ormoc and the Municipalities of Palompon, Albueria, Merida, Isabel, Kanaga, and Matag-ob in the Fourth District, Province of Leyte and Appropriating Funds Therefor"
- House Bill No. 4685: "An Act Establishing Mandatory Evacuation and Quarantine Centers in All Cities, Provinces, Municipalities Appropriating Funds Therefor"
- House Bill No. 5109: "An Act Establishing a Disaster-Resilient Multi-Purpose Building in All Cities, Provinces, and Municipalities, Appropriating Funds Therefor"
- House Bill No. 5158: "An Act Establishing Green Evacuation Centers in Every City and Municipality and Appropriating Funds Therefor"
- House Bills No. 3121 & 3783: "An Act Mandating the Establishment of the National Emergency Stockpile, and Appropriating Funds Therefor"
- House Bill No. 5245: "An Act Providing for the Establishment and Construction of Calamity Food Banks in Every Province for their Maintenance, and Appropriating Funds Therefor"

Senate Committee on Finance

- Senate Bill No. 2218: "An Act Mandating the Formulation, Financing, Implementation, Monitoring, and Evaluation of a Comprehensive and Multi-year Tatak Pinoy (Proudly Filipino) Strategy, Establishing a Tatak Pinoy Council, Appropriating Funds Therefore, and for Other Purposes"
- Senate Resolution No. 4 "Resolution Urging the Senate Committee on Finance to Conduct an Inquiry, in Aid of Legislation, on the Budgetary Appropriations, and the Expenditure and Implementation Thereof, of the Government's Industrialization and Employment-Generation Initiatives, with the End-View of Determining the Fund Requirements for a Multi-Year Expenditure Plan for Bolstering Filipino or 'Tatak Pinoy' Productive Sectors and Encouraging Inclusive Growth Across the Country."

PHILIPPINE LEGISLATIVE PROCEEDINGS TECHNICAL WORKING GROUP (19TH CONGRESS)

Senate Committee on Finance

- Senate Bill No. 2218: "An Act Mandating the Formulation, Financing, Implementation, Monitoring, and Evaluation of a Comprehensive and Multi-year Tatak Pinoy (Proudly Filipino) Strategy, Establishing a Tatak Pinoy Council, Appropriating Funds Therefore, and for Other Purposes"

PROJECTS

Projects funded by Government, International Agencies, Commissioned Work for Private Sector

1. Developing a Multidimensional Economic Complexity Index. (Project Leader). Funded by the National Research Council of the Philippines. December 1, 2022-May 31, 2024.
2. Addressing context-specific barriers to female labor force participation in decent work in the Philippines. (Sector Specialist). Funded by Partnership for Economic Policy (Canada). August 8, 2022-December 20, 2022; March 16, 2023-May 31, 2023.
3. *Estimating Penang's Economic Growth*. (DLSU Team Lead). Collaborative project between Penang Institute Malaysia, University of Nottingham Malaysia Campus, Heriot-Watt University Malaysia, and De La Salle University. December 1, 2021 – November 30, 2022.
4. *Development of an Economic White Paper for the Local Food and Beverage Industry*. (Sector Specialist). Funded by the Philippine Chamber of Food Manufacturers Inc. October 2021-September 2022.
5. *Disaster Risk Assessment Computation Using Leontief Analysis: Theoretical Explorations and Regional Extensions in Assessing Disaster Impacts*. (Project Leader) Funded by the Department of Science and Technology – National Academy of Science and Technology. August 1, 2018-January 31, 2020.
6. *Development of Inoperability Input-Output Model and Computable General Equilibrium for the Philippines*. (Project Leader) Funded by the Commission on Higher Education Philippine Higher Education Research Network April 15, 2018-July 15, 2019.
7. *Economic Impact of Aviation, Travel and Tourism Industries in the Philippines*. (Team Member) Funded by Philippines AirAsia. October 2018-January 2019.

8. *Post-Pandemic Recovery Strategies for the Agro-Industry Sector in Malaysia and the Philippines*. (Lead Collaborator for Philippines) Funded by Heriot-Watt SFC Global Challenges Research Fund. May 12, 2020 – July 31, 2020.
9. Design and conduct of the training on Economic Principles for DTI-BTIPR officials and staff. Funded by Department of Trade and Industry. December 1, 2017.
10. *Development of a Model to Determine the Industry-Specific Impact of the ASEAN Economic Community on the Philippines*. (Team Member) Funded by the National Economic and Development Authority. January 2017 – September 2017.
11. *Conduct of a Study for the Development of Economic Models for Socioeconomic Analysis*. (Team Member) Funded by the National Economic and Development Authority. December 2016 – August 2017.
12. *Socio-Economic Effects of Biofuel Mandate in the Philippines*. (Team Member) Funded by the Philippine Institute of Petroleum. October 2016 – May 2017.
13. *Development of a Web-based Tool for Disaster Risk Reduction: A Dynamic Inoperability Input-Output Model for the Philippines*. (Project Leader) Funded by The Oscar M. Lopez Center for Climate Change Adaptation and Disaster Risk Management Foundation Inc. February 2015 – May 2017.
14. *Sustainable Cities and Resilient Transport*. (Team Member) An institutional links programme with Oxford University and University College London funded by British Council Newton Fund.
15. *Comparison of Vulnerability of Developed and Developing Economies to Disaster Ripple Effects: The Case of Japan and the Philippines*. Funded by The Sumitomo Foundation. April 2015-March 2016.
16. *Development of a Methodology for Calibrating Inoperability Input-Output Models (IIM)*. (Team Member) Funded by The Oscar M. Lopez Center for Climate Change Adaptation and Disaster Risk Management Foundation Inc. (2013-2014)

EDITORIAL ROLES IN SCIENTIFIC JOURNALS

Advisory Board Member, <i>MethodsX</i> (Elsevier)	Sept 2020-present
Associate Editor, <i>Philippine Journal of Development</i> (Philippine Institute for Development Studies)	April 2022-present
Editorial Board Member, <i>Societal Impacts</i> (Elsevier)	June 2023-present

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

International Input-Output Association (Austria)	2011-present
Philippine Economic Society	2011-present
Philippine American Academy of Science and Engineering	2015-present
Transportation Science Society of the Philippines	2018-present
National Research Council of the Philippines	2019-present
Chair, Economics and Business Administration Section	2022-2024
Royal Economic Society (UK)	2021-present
American Economic Association	2023-present

LIST OF PUBLICATIONS

Scopus/Web of Science-Indexed Journal Articles

1. Era, M., Fillone, A., Yu, K.D., Paringit, M.C., Lucero, P.I. (2023). Social and gender issues related to the implementation of the Traffic Discipline Zone (TDZ) in Malate, Manila. *Asia-Pacific Social Science Review*, 23(3), 40-60.
2. Rapada, M.Z., Yu, D.E., Janairo, J.I., Yu, K.D. (2023). Impact of online-based information and interaction to proenvironmental behavior on plastic pollution. *Cleaner and Responsible Consumption*, 9, 100126.

3. Roxas, N.R., Roquel, K.I.D.Z., Yu, K.D.S., Ruiz, A.E.C., Fillone, A.M. (2023). Infrastructure impacts Calculator: An infrastructure tool using co-benefit approach. *International Journal of GEOMATE* 24(105), 101-108.
4. Yu, K.D.S., Solis, C.A.P., Andiappan, V. (2023). A Sector Prioritization Index with Carbon Emission Intensity Considerations. *DLSU Business and Economics Review* 32(2), 54-62.
5. Santos, J.R., Roquel, K.I.D.Z., Lamberte, A., Tan, R.R., Aviso, K.B., Tapia, J.F.D., Solis, C.A., Yu, K.D.S. (2023). Assessing the Economic Ripple Effects of Critical Infrastructure Failures Using Dynamic Inoperability Input-Output Model: A case study of the Taal Volcano eruption. *Sustainable and Resilient Infrastructure* 8(S1), 68-84.
6. Amheka, A., Nguyen, H.T., Yu, K.D., Noach, R.M., Andiappan, V., Dacanay, V.J., Aviso, K. (2022). Towards a low carbon ASEAN: an environmentally extended MRIO optimization model. *Carbon Balance and Management*, 17(1), 13.
7. Santos, J.R., Tapia, J.F.D., Lamberte, A., Solis, C.A., Tan, R.R., Aviso, K.B., Yu, K.D.S. (2022). Uncertainty Analysis of Business Interruption Losses in the Philippines Due to the COVID-19 Pandemic. *Economies*, 10(8), 202.
8. Aviso, K.B., Yu, K.D., Lee, J.-Y., Tan, R.R. (2022). P-graph optimization of energy crisis response in Leontief systems and partial substitution. *Cleaner Engineering and Technology*, 9, 100510.
9. Rapada, M.Z., Yu, D.E., Yu, K.D. (2021). Do Social Media Posts Influence Consumption Behavior towards Plastic Pollution? *Sustainability* 13(22), 12334.
10. Aviso, K.B., Tan, R.R., Yu, K.D. (2021). A Multi-Region Input-Output Model for Optimizing Trade Under Footprint Constraints. *Chemical Engineering Transactions* 88, pp. 37-42.
11. Aviso, K.B., Tan, R.R., Yu, K.D. (2021). P-graph Model of Economic Networks with Partial Substitution *Chemical Engineering Transactions* 88, pp. 61-66.
12. Lopez, N.S., Moreau, V., Yu, K.D., Chiu, A.S.F., Xu, M. (2021). Production- and consumption-based energy use in the ASEAN: Lessons from the Tiger and the cubs. *Journal of Cleaner Production* 304, 126986.
13. Bui, T.-D., Tsai, F.M., Tseng, M.-L., Tan, R.R., Yu, K.D.S., Lim, M.K. (2021). Sustainable supply chain management towards disruption and organizational ambidexterity: A data driven analysis. *Sustainable Production and Consumption* 26, pp. 373-410.
14. Yu, D.E.C., Yu, K.D.S., Tan, R.R. (2020). Implications of the pandemic-induced electronic equipment demand surge on essential technology metals. *Cleaner and Responsible Consumption* 1, 100005.
15. Yu, K.D.S., Aviso, K.B., Santos, J.R., Tan, R.R. (2020). The Economic Impact of Lockdowns: A persistent inoperability input-output approach. *Economies* 8(4), 109.
16. Yu, K.D.S., Aviso, K.B. (2020). Modelling the Economic Impact and Ripple Effects of Disease Outbreaks. *Process Integration and Optimization for Sustainability*, 4(2), 183-186.
17. Okuyama, Y., Yu, K.D. (2019) Return of Inoperability. *Economic Systems Research* 31(4), 467-480.
18. Roquel, K.I.D., Fillone, A., Yu, K.D. (2019). Comparative Flood-Risk Assessment of Different Freight Transport Development Programs. *DLSU Business and Economics Review* 29(1) pp. 146-164.
19. Go, D.J., Promentilla, M.A., Aviso, K., Yu, K.D. (2019). The Evolution of the Key Sectors in the Philippine Economy Using an AHP-Based Sector Prioritization Index. *Economies* 7(3), 78.
20. Go, D. J., Promentilla, M. A., Aviso, K., & Yu, K. D. (2019). An AHP-based composite index for sector prioritization. *International Journal of the Analytic Hierarchy Process*, 11(1), 42-66.
21. Cororaton, C. B., & Yu, K. D. S. (2019). Assessing the poverty and distributional impact of alternative rice policies in the Philippines. *DLSU Business and Economics Review*, 28(2), 169-182.
22. Aviso, K. B., Mayol, A. P., Promentilla, M. A. B., Santos, J. R., Tan, R. R., Ubando, A. T., & Yu, K. D. S. (2018). Allocating human resources in organizations operating under crisis conditions: A fuzzy input-output optimization modeling framework. *Resources, Conservation and Recycling*, 128, 250-258.
23. Roquel, K.I.D., Fillone, A.M., Yu, K. D. (2018). Co-benefit assessment of logistics optimization programs: The case of the Philippine Greater Capital Region. *International Journal of GEOMATE* 15(48), pp. 121-128.
24. Aviso, K.B., Holaysan, S.A.K., Promentilla, M.A.B., Yu, K.D., Tan, R.R. (2018). A multi-regional input-output model for optimization virtual water trade flows in agricultural crop production. *Management of Environmental Quality: An International Journal* 29(1) pp. 63-75.

25. Tan, R.R., Aviso, K.B., Chiu, A.S.F., Promentilla, M.A.B., Razon, L.F., Tseng, M.L., Yu, K.D.S. (2017). Towards "climate-proof" industrial networks. *Resources, Conservation and Recycling* 127, pp. 244-245.
26. Lucas, R. I., Promentilla, M.A., Ubando, A., Tan, R.G., Aviso, K., and Yu, K.D. (2017). An AHP-based evaluation method for teacher training workshop on information and communication technology. *Evaluation and Program Planning* 63 pp. 93-100.
27. Brosas, M.R., Kilantang, M.A., Li, N.B., Ocampo, L., Promentilla, M.A., and Yu, K.D. (2017). Novel Approach for Manufacturing Supply Chain Risk Analysis using Fuzzy Supply Inoperability Input-Output Model. *Manufacturing Letters* 12 pp. 1-5.
28. Yu, K. D. S., Aviso, K. B., Promentilla, M. A. B., Chiu, A. S. F., & Tan, R. R. (2017). An input-output approach to analysing the relative influence of journals: The case of process integration journals. *Chemical Engineering Transactions*, 61, 217-222. doi:10.3303/CET1761034
29. Tan, R. R., Aviso, K. B., Cayamanda, C. D., Chiu, A. S. F., Promentilla M. A. B., Ubando, A. T., and Yu, K.D.S. (2016). A fuzzy linear programming enterprise input-output model for optimal crisis operations in industrial complexes. *International Journal of Production Economics* 181 pp. 410-418.
30. Yu, K.D.S., Aviso, K.B., Promentilla, M.A.B., Santos, J.R., and Tan, R.R. (2016). A weighted fuzzy linear programming model in economic input–output analysis: an application to risk management of energy system disruptions. *Environment Systems and Decisions* 36(2), pp. 183-195.
31. Bacudio, L.R., Benjamin, M.F.D., Eusebio, R.C.P., Holaysan, S.A.K., Promentilla, M.A.B., Yu, K.D.S., Aviso, K.B. (2016). Analyzing barriers to implementing industrial symbiosis networks using DEMATEL. *Sustainable Production and Consumption* 7(1) pp. 57-65.
32. Sumabat, A.K., Lopez, N. S., Yu, K.D.S., Hao, H., Li, R., Geng, Y. and Chiu, A.S.F. (2016). Decomposition analysis of Philippine CO2 emissions from fuel combustion and electricity generation. *Applied Energy* 164 pp. 795-804.
33. Hoa, N.T., Dien, L.Q., Promentilla, M.A.B., Yu, K.D.S., Aviso, K.B. (2016). A model for multi-criterion disaster vulnerability assessment of economic systems: implications for Vietnam's bioethanol policy. *Clean Technologies and Environmental Policy* DOI: 10.1007/s10098-016-1120-4.
34. Promentilla, M.A.B., Bacudio, L.R., Benjamin, M.F.D., Chiu, A.S.F., Yu, K.D.S., Tan, R.R., Aviso, K.B. (2016). Problematique approach to analyse barriers in implementing industrial ecology in Philippine industrial parks. *Chemical Engineering Transactions*, 52, 811-816. doi:10.3303/CET1652136
35. Yu K.D.S., Aviso, K.B., Eusebio, R.C., Felix, C.B., Mayol, A.P., Promentilla, M.A.B., Santos, J.R., Ubando, A.T., Tan, R.R. (2016). Input-output based system perturbation analysis of the environmental implications of rice hull utilization for power generation in the Philippines. *Chemical Engineering Transactions*, 52, 733-738. doi:10.3303/CET1652123
36. Tan, R. R., Aviso, K. B., Promentilla, M. A. B., Solis, F. D. B., Yu, K. D. S. & Santos, J. R. (2015). A Shock Absorption Index for Inoperability Input-Output Models. *Economic Systems Research* 27(1) pp. 43-59.
37. Tan, R. R., Aviso, K. B., Promentilla, M. A. B., Yu, K. D. S. & Santos, J. R. (2015). Development of a Fuzzy Linear Programming Model for Allocation of Inoperability in Economic Sectors due to Loss of Natural Resource Inputs. *DLSU Business and Economics Review* 24(2) pp. 1-12.
38. Aviso, K. B., Amalin, D., Promentilla, M. A. B., Santos, J.R., Yu, K.D.S. and Tan, R. R. (2015). Risk assessment of the economic impacts of climate change on the implementation of mandatory biodiesel blending programs: A fuzzy inoperability input-output modelling approach. *Biomass and Bioenergy* 83, pp. 436-447.
39. Aviso, K. B., Cayamanda, C. D., Solis, F. D. B., Danga, A. M. R., Promentilla, M. A. B., Yu, K. D. S., Santos, J. R. & Tan, R. R. (2015). P- Graph approach for GDP-optimal allocation of resources commodities and capital in economic systems under climate change-induced crisis conditions. *Journal of Cleaner Production* 92 pp. 308-317.
40. Tan, R. R., Aviso, K. B., Yu, K. D. S., Promentilla, M. A. B., & Santos, J. R. (2015). P-graph approach to allocation of inoperability in urban infrastructure systems. *Chemical Engineering Transactions*, 45, 1339-1344. doi:10.3303/CET1545224
41. Aviso, K. B., Chiu, A. S. F., Yu, K. D. S., Promentilla, M. A. B., Razon, L. F., Ubando, A. T., . . . Tan, R. R. (2015). P-graph for optimising industrial symbiotic networks. *Chemical Engineering Transactions*, 45, 1345-1350. doi:10.3303/CET1545225

42. Santos, J. R., Yu, K. D. S., Herrera, L. C., Pagsuyoin, S. A. T., & Tan, R. R. (2014). Analysis of Drought Risk Management Strategies using Dynamic Inoperability Input-Output Modeling and Event Tree Analysis. *Environment Systems and Decisions* 34(3).
43. Santos, J. R., Yu, K. D. S., Pagsuyoin, S. A. T., & Tan, R. R. (2014). Time-Varying Disaster Recovery Model for Interdependent Economic Systems Using Hybrid Input-Output and Event Tree Analysis. *Economic Systems Research* 26(1) pp. 60-80.
44. Yu, K. D. S., Tan, R. R., Aviso, K. B., Promentilla, M. A. B. & Santos, J. R. (2014). A Vulnerability Index for Post-Disaster Key Sector Prioritization. *Economic Systems Research* 26(1) pp. 81-97.
45. Santos, J. R., Yu, K. D. S., Herrera, L. C., Pagsuyoin, S. A. T., & Tan, R. R. (2014). State of the Art in Risk Analysis of Workforce Criticality Influencing Disaster Preparedness for Interdependent Systems. *Risk Analysis* 34(6) pp. 1056-1068.
46. Castillo, J. C. E. & Yu, K. D. S. (2014). Liberalizing the Philippine Mining Industry: A CGE Approach into analyzing its sectoral impacts of the Philippines. *DLSU Business and Economics Review* 23(2) pp. 48-64.
47. Lupdag-Padama, E. A., Rivera, J. P. R., Fernandez-Go, R. C., Yu, K. D. S., Solis, F. D. B. & Sayoc, R. A. (2014). An Approximation of the Internal Rate of Return of Investment in Selected Undergraduate Degree Programs. *DLSU Business and Economics Review*. 23 (2) pp. 88-114.
48. Yu, K. D. S. (2012). An Economic Analysis of the Philippine Tourism Industry. *DLSU Business and Economics Review*. 22(1), 119-128.

Books

1. Tan, R.R., Aviso, K.B., Promentilla, M.A.B., Yu, K.D.S., Santos, J.R. (2018). Input-Output Models for Sustainable Industrial Systems: Implementation Using LINGO. Lecture Notes in Management and Industrial Engineering. Singapore: Springer.
2. Yu, K.D.S. (2019). Economics for Babies. (ISBN 978-621-8023-56-7)

Book Chapters

1. Yu, K.D.S. (2024). Economic Input-Output for Life Cycle Assessment. In Encyclopedia of Sustainable Technologies, 2d Edition.
2. Razon, L.F., Khang, D.S., Tan, R.R., Aviso, K.B., Yu, K.D.S., Promentilla, M.A.B. (2020). Life-cycle costing: Analysis of biofuel production systems. In Biofuels for a More Sustainable Future (pp. 227-253)
3. Tan, R. R., Yu, K. D. S., Aviso, K. B., & Promentilla, M. A. B. (2017). Input-Output Modeling Approach to Sustainable Systems Engineering. In Encyclopedia of Sustainable Technologies (pp. 519-523). Elsevier.
4. Yu, K. D. S., Aviso, K. B., Abdul Aziz, M. K., Morad, N. A., Promentilla, M. A. B., Santos, J. R. & Tan, R. R. (2016). Inoperability Input-Output Modeling (IIM) Approach to Risk Analysis in Biomass Supply Chains. In Process Design Strategies for Biomass Conversion Systems. John Wiley & Sons, Inc.

Scopus/Web of Science-Indexed Conference Proceedings

1. Tan, R. R., Aviso, K. B., Promentilla, M. A. B., Yu, K. D. S., & Santos, J. R. (2014). Fuzzy inoperability input-output analysis of mandatory biodiesel blending programs: The Philippine case. Paper presented at the Energy Procedia.
2. Aviso, K. B., Cayamanda, C., Solis, F. D., Promentilla, M. A. B., Yu, K. D. S., Santos, J. R., & Tan, R. R. (2014). P-graph approach to optimal allocation of electricity to economic sectors in crisis conditions. Paper presented at the Energy Procedia.
3. Yu, K. D. S., Tan, R. R., & Santos, J. R. (2013). Impact estimation of flooding in Manila: An inoperability input-output approach. Paper presented at the 2013 IEEE Systems and Information Engineering Design Symposium, SIEDS 2013.

Policy Briefs

1. Quirapas, D. A., Chan, B. I., Lamberte, A., Rapada, M. Z., & Yu, K. D. (2021). Mitigating emissions associated with the production of traded goods. DLSU-AKI Policy Brief, Volume VII, No. 17.
2. Yu, K.D.S., Tiongco, M.M. (2020). Will CREATE resolve the Philippines' unemployment woes amidst the COVID-19 Pandemic? DLSU-AKI Policy Brief, Volume XIII, No. 8.
3. Yu, K.D.S., Aviso, K.B., Tan, R.R. (2020). The economic impact of the Metro Manila (NCR) enhanced community quarantine. DLSU-AKI Policy Brief, Volume XIII, No. 2.
4. Yu, K.D., Castillo, P., Rufino, C., Rapada, M.Z., and Tullao, Jr., T. (2019). Philippine air transportation: Impact and Challenges. DLSU-AKI Policy Brief, Volume XII No. 3.
5. Yu, K. D., Cororaton, C., Ilao, J., Cheng, C., Aviso, K., Cayamanda, C., Promentilla, M. A., Atienza, R., Infante, R., and Tan, R. (2017). Artificial intelligence and its potential adverse impacts on the Philippine economy, DLSU-AKI Policy Brief, Volume XII, No. 2.

Newspaper Articles

1. Cororaton, C. B., Yu, K.D.S., Tiongco, M.M. (2019). Potential Effects of RA11203 (Philippine Rice Tariffication). *Newspaper Article on the BusinessWorld*. 25 February 2019.
2. Yu, K.D.S. (2014). What Makes an Economic Sector Vulnerable to Disasters? *Newspaper Article on the Philippine Star*. 7 August 2014.
3. Santos, J., Yu, K. D., Aviso, K. & Tan, R. R. (2012). System Perspective on Disaster Risk Management. *Newspaper Article on the Philippine Star*. 9 August 2012.