

KRISTA DANIELLE Y. YU

Email Address: krista.yu@dlsu.edu.ph

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 & GRANTS

National Academy of Science and Technology

2017 Outstanding Young Scientist (Economics)

July 2017

In recognition of her scientific contributions in the field of disaster risk analysis, particularly, the development and application of economic modeling frameworks to assess direct and indirect socioeconomic impacts of disruptive natural events.

Thomson Reuters

Philippines Promising Star 2016

July 2016

Recognition given to Philippines-based researchers who have demonstrated research excellence in their own fields based on number of publications and citations indexed through the Web of Science

Commission on Higher Education

Research and Publication Award - REPUBLICA (Qualifier)

July 2016

Social Sciences Division for the paper entitled: A vulnerability index for post disaster key sector prioritization

Commission on Higher Education

Research and Publication Award - REPUBLICA (Qualifier)

July 2016

Social Sciences Division for the paper entitled: Risk assessment of the economic impacts of climate change on the implementation of mandatory biodiesel blending programs: A fuzzy inoperability input-output modeling (IIM) approach

British Council

Newton Agham Researcher Links Travel Grant

May 2016 – July 2016

Awarded a grant to work on assessing the economic impacts of low carbon technologies on supply chains

Office of the Vice Chancellor for Academics, De La Salle University

Ph.D. Sandwich Program Grant

January 2013 – January 2014

Awarded a grant to work on a Ph.D. dissertation to complete a doctorate degree in Economics

TEACHING EXPERIENCE

School of Economics, De La Salle University

Associate Professor

2015-present

- Taught: (i) Introduction to Economics for Liberal Arts Students, (ii) Input-Output Analysis (iii) Advanced Microeconomic Theory (iv) Methods of Research
- Mentor graduate students on impact of natural disasters and sustainable transport
- Serves as thesis coordinator to the department (AY 2014-2015; AY 2015-2016)
- Serves as thesis adviser and panelist to various undergraduate students of the School of Economics in the field of labor economics, economic development, input-output analysis, environmental economics and mathematical economics

Assistant Professor

2011-2014

- Taught: (i) Differential and Integral Calculus, (ii) Static Optimization and Linear Algebra, (iii) Introductory Microeconomics, (iv) Introduction to Economics for Liberal Arts Students, (v) Input-Output Analysis (vi) Advanced Microeconomic Theory (vii) Methods of Research
- Mentored two graduate students on impact assessment of natural disasters
- Serves as thesis coordinator to the department (AY 2014-2015)
- Serves as thesis adviser and panelist to various undergraduate students of the School of Economics in the field of labor economics, economic development, input-output analysis, environmental economics and mathematical economics
- Served as an examiner for various oral thesis defenses of the Bachelor of Science in Commerce major in Management of Financial Institutions program of the Financial Management Department.

Assistant Professorial Lecturer

2010-2011

- Taught: (i) Management Science, (ii) Introductory Microeconomics, (iii) Introductory Macroeconomics, (iv) Introduction to Economics for Liberal Arts Students and (v). International Economics for Liberal Arts Graduate Students
- Served as thesis adviser and panelist to various undergraduate students of the School of Economics in the field of labor economics, and mathematical economics

Assistant Lecturer

2008-2010

- Taught: (i) Introductory Microeconomics, (ii) Econometrics in the Laboratory, (iii) Advanced Econometrics in the Laboratory, (iv) Mathematica for Differential and Integral Calculus, (v) Mathematica for Static Optimization and Linear Algebra, (vi) Introduction to Economics for Liberal Arts Students and (vii) International Economics for Liberal Arts Graduate Students
- Served as an examiner for the De La Salle University College Entrance Examinations

PROFESSIONAL EXPERIENCE

University of Derby

Visiting Researcher

May 2016 – July 2016

The George Washington University

Visiting Researcher

January 2013- January 2014

RESEARCH WORK

Journal Articles

- 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.
- 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.
- Aviso, K.B., Mayol, A.P., Promentilla, M.A.B., Santos, J.R., Tan, R.R., Ubando, A.T. and Yu, K.D.S. (in press). Allocating Human Resources in Organizations Operating under Crisis Conditions: A Fuzzy Input-Output Optimization Modeling Framework. *Resource Conservation and Recycling*.
- 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 (SNIP:0.691) ISSN 2194-5403.
- 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 (Impact Factor: 1.934) ISSN 1618-954X.
- 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. ISSN 2352-5509.
- 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. (Impact Factor: 5.613) ISSN 0306-2619
- 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. (Impact Factor: 3.394) ISSN 0961-9534
- 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. (in press). A fuzzy linear programming enterprise input-output model for optimal crisis operations in industrial complexes. *International Journal of Production Economics* doi:10.1016/j.ijpe.2015.10.012 (Impact Factor 2.752) ISSN 0925-5273
- 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. (ISSN 0959-6526) *IF*=3.590.
- Tan, R. R., Aviso, K. B., Promentilla, M. A. B., Solis, F. D. B., Yu, K. D. S. & Santos, J. R. (in press). A Shock Absorption Index for Inoperability Input-Output Models. *Economic Systems Research* 27(1) pp. 43-59. (ISSN 1469-5758) *IF*=2.400.
- 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. (ISSN 0116-7111) *SNIP*=0.315.
- 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) (ISSN 2194-5403).
- 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 (ISSN 1469-5758) *IF*=2.400.
- 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 (ISSN 1469-5758) *IF*=2.400.

- 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. (ISSN 1539-6024) *IF=1.974*.
- 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. (ISSN 0116-7111) *SNIP=0.315*.
- 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 (ISSN 0116-7111) *SNIP=0.315*.
- Yu, K. D. S. (2012). An Economic Analysis of the Philippine Tourism Industry. *DLSU Business and Economics Review*. 22(1), 119-128. (ISSN 0116-7111) *SNIP=0.315*.

Book Chapter

- 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. *Process Design Strategies for Biomass Conversion Systems*. John Wiley & Sons, Inc.

Commissioned Work

- Yu, K.D., Tiongco, M., Aviso, K., Promentilla, M.A., Development of a Web-based Tool for Disaster Risk Reduction: A Dynamic Inoperability Input-Output Model for the Philippines. The OML Center.
- Biona, J.B.M., Fillone, A.M., and Yu, K.D.S. (2015). Sustainable Cities and Resilient Transport. An institutional links programme with Oxford University and University College London funded by British Council Newton Fund.
- Yu, K.D., Tiongco, M., Aviso, K., Promentilla, M.A., Okuyama, Y. (2015). Comparison of Vulnerability of Developed and Developing Economies to Disaster Ripple Effects: The Case of Japan and the Philippines. Tokyo, Japan: The Sumitomo Foundation.
- Yu, K.D. (2014). Updating the Philippine Input-Output Table. Manila, Philippines: De La Salle University, University Research Coordination Office.
- Yu, K.D., Aviso, K. & Tiongco, M. (2014-2015). Quantitative Models for Disaster Risk Management. Manila, Philippines: De La Salle University, University Research Coordination Office.
- Tan, R. R., Yu, K.D., Aviso, K., Promentilla, M.A., & Santos, J. (2013-2015). *Development of Inoperability Input-Output Model (IIM) for the Philippines*. Manila, Philippines: Commission on Higher Education.
- Tan, R. R., Yu, K.D., Aviso, K., Promentilla, M.A., & Santos, J. (2013-2014). *Development of a Methodology for Calibrating Inoperability Input-Output Models (IIM)*. Manila, Philippines: The Oscar M. Lopez Center for Climate Change Adaptation and Disaster Risk Management Foundation Inc.
- Tan, R. R., Yu, K.D., Aviso, K., Promentilla, M.A., & Santos, J. (2013). *Development of a Calibrated Multiple-Objective Linear Programming Linear Inoperability Input-Output Model (MOLP-IIM) for Disaster Risk Management in the Philippines*. Manila, Philippines: De La Salle University Office of the Vice Chancellor for Research Challenge Grant.
- Rivera, J.P., Padama, E., Yu, K. D. & Reyes, P. (2012). *The Implications of Temporary Labor Migration on the Rate of Return of Investment in Accountancy, Education, Engineering and Nursing Undergraduate Degree Programs*. Manila, Philippines: Commission on Higher Education.
- Rivera, J.P., Valera, M.L., Olivar, D., Padama, E., Roxas, M. & Yu, K. D. (2011). Determining the Link between the Global Financial Crisis and Labor Force Participation: Implication on Academe and Industry Linkage in the Philippines. Manila, Philippines: Commission on Higher Education.
- Tullao Jr., T., Rivera, J. P., Yu, K. D. & Fernandez, R. (2011). Forecasting the Demand and Supply of College Graduates. Manila, Philippines: Commission on Higher Education.

Papers Presented at Conferences

- Yu, K.D.S., Aviso, K.B., Tiongco, M. M., Promentilla, M.A.B., Santos J. R., Okuyama, Y. and Tan, R.R. (2015). A closed inoperability input-output model for modeling disaster impact through labor supply disruption. 26th Annual Meeting of the Pan Pacific Association of Input-Output Studies, Meiji University, Tokyo, Japan 30 October – 1 November 2015.
- Tan, R. R., Aviso, K. B., Yu, K.D.S., Promentilla, M.A.B. and Santos, J.R. (2015). P-graph approach to allocation of inoperability in urban infrastructure systems. Process Integration, Modelling and Optimisation for Energy Saving and Pollution Reduction (PRES '15), Pullman Hotel, Kuching, Sarawak, Malaysia 23-27 August, 2015.
- Yu, K. D. S., Amalin, D., Aviso, K. B., Promentilla, M. A. B., Santos, J. R. and Tan, R. R. (2015). Economic Impact of Adapting Green Technologies: A Fuzzy Inoperability Input-Output Approach. *Paper presented at the ISBITM Roundtable 23rd International Conference on Production Research, Marriott Hotel, Pasay, Philippines, 4 August 2015.*
- Yu, K. D. S., Sy, C. L., Aviso, K. B., Promentilla, M. A. B., Santos, J. R. and Tan, R. R. (2015). A Target-Oriented Robust Optimization Approach to Inoperability Input-Output Analysis. *Paper presented at the Society of Risk Analysis World Congress on Risk, Biopolis, Singapore, July 19-23, 2015.*
- Aviso, K. B., Promentilla, M. A. B., Yu, K. D. S., Santos, J. R. and Tan, R. R. (2014). Fuzzy Linear Programming Approach to Updating Input-Output Technical Coefficients. *Paper presented at the 22nd International Input-Output Conference, Instituto Superior Economia e Gestao, Lisbon, Portugal, July 15-18, 2014.*
- Yu, K. D. S., Tan, R. R., Aviso, K. B., Promentilla, M. A. B., and Santos, J. R. (2014). Modelling the Effects of Successive Disasters: A Dynamic Inoperability Input-Output Approach. *Paper presented at the 22nd International Input-Output Conference, Instituto Superior Economia e Gestao, Lisbon, Portugal, July 15-18, 2014.*
- Aviso, K. B., Tan, R. R. , Promentilla, M. A. B., Cayamanda, C. D., Danga, A. M. R., Yu, K. D. S., and Santos, J. R. (2014). P-Graph Approach for the Optimal Allocation of Human Resources to Economic Sectors in Crisis Conditions. *Paper presented at the 22nd International Input-Output Conference, Instituto Superior Economia e Gestao, Lisbon, Portugal, July 15-18, 2014.*
- Aviso, K. B., Cayamanda, C., Solis, F. D. B., Promentilla, M. A. B., Yu, K. D. S., Santos, J. R. and Tan, R. R. (2014). P-Graph Approach to Optimal Allocation of Electricity to Economic Sectors in Crisis Conditions. *Paper presented at the International Conference on Applied Energy National Taiwan University of Science and Technology, Taipei, Taiwan, May 31 – June 2, 2014.*
- Tan, R. R., Aviso, K. B., Promentilla, M. A. B., Yu, K. D. S., and Santos, J. R. (2014). Fuzzy Inoperability Input-Output Analysis of Mandatory Biodiesel Blending Programs: The Philippine Case. *Paper presented at the International Conference on Applied Energy National Taiwan University of Science and Technology, Taipei, Taiwan, May 31 – June 2, 2014.*
- Yu, K. D. S., Tan, R. R., and Santos, J. R. (2013). Managing Disaster Risk Strategies in Economic Systems Based on Sectoral Vulnerability Analysis. *Paper presented at the Society for Risk Analysis 2013 Annual Meeting, Baltimore, MD, USA, December 8-11, 2013.*
- Yu, K. D. S., Tan, R. R., and Santos, J. R. (2013). A Computable General Equilibrium Approach to Disaster Risk Assessment: A Case of the Philippines. *Paper presented at the GWU-EMSE Seminar Series, Washington DC, USA on December 5, 2013.*
- Solis, F. D. B., Yu, K. D. S., and Tan, R. R. (2013). An Inoperability Input Output Approach in Evaluating the Impact of the Mindanao Power Crisis. *Paper presented at the 51st PES Annual Meeting, Manila, Philippines, November 28, 2013.*
- Yu, K. D. S., Tan, R. R., Aviso, K. B., Promentilla, M. A. B. & Santos, J. R. (2014). A Vulnerability Index for Post-Disaster Management. *Paper presented at the 21st International Input- Output Conference, Kitakyushu, Japan, July 9-12, 2013.*

- Aviso, K. B., Tan, R. R., Promentilla, M. A. B., Yu, K. D. S., and Santos, J. R. (2013). A Robust Optimization Model for Implementing a Biofuel Program in the Presence of Multiple Scenarios Brought by Disasters. *Paper presented at the 21st International Input- Output Conference, Kitakyushu, Japan, July 9-12, 2013.*
- Solis, F. D. B., Yu, K. D., and Tan, R. R. (2013). Evaluating the Impacts of Inoperability to Trade Relations among Regions in the Philippines. *Paper presented at the 21st International Input- Output Conference, Kitakyushu, Japan, July 9-12, 2013.*
- Tan, R. R., Yu, K. D., Aviso, K., & Santos, J. (2012, September). Modeling Philippine Climate Risks Using Inoperability Input-Output Analysis. *Paper presented at the First National Conference on Research in Climate Change and Variability (NAST), Traders Hotel, Manila, Philippines, 26 September 2012.*
- Castillo, J. C. E., & Yu, K. D. (2012, June). Liberalizing the Philippine Mining Industry: A CGE approach into analyzing its sectoral impacts on the economy. *Paper presented at the 20th International Input-Output Conference in University of Economics, Bratislava, Slovakia, 26-29 June 2012.*
- Yu, K. D., & Solis, F. D. (2012, February). Estimating the Social Cost of Fossil Fuel as a Source of Energy: The Case of Davao City. *Paper presented at the Research @ DLSU Congress, Manila, Philippines, 15-17 February 2012.*
- Yu, K. D., See, K. G. & Serrano, D. J. (2012, February). Estimating the Relationship Between Oil Firms' Inventory Strategies and Industry Demand-Supply Shocks: A Game Theoretic Approach. *Paper presented at the Research @ DLSU Congress, Manila, Philippines, 15-17 February 2012.*
- Rivera, J. P., Yu, K. D., & Solis, F. D. (2012, January). Investing in Maternal and Reproductive Health Programs in the Philippines Towards the Achievement of the Millennium Development Goals: The Case of Pasay City. *Paper presented at the 2012 Asia Pacific University Graduate School of Management Conference on Business, Economics & Innovation Management, Ritsumeikan University, Beppu, Oita, Japan, 20-21 January 2012.*
- Yu, K. D. (2011, June). An Economic Analysis of the Philippine Tourism Industry. *Paper presented at the 19th International Input-Output Conference, Alexandria, Virginia, USA, 13-17 June 2011.*
- Sy, C., Villarojo, N. M. & Yu, K. D. (2008, July). A General Model of an Amateur Sports League: Proof of an Increased Probability of Point Shaving as a Result of the Economic League Structure in UAAP Men's Basketball. *Paper presented at 10th DLSU S&T Congress, De La Salle University, Manila, Philippines, 15-17 July 2008.*

Poster Presentation

- Yu, K.D.S., Aviso, K.B., Promentilla, M.A.B., Santos, J.R. and Tan, R.R. (2015). A Fuzzy Linear Programming Model for Optimal Allocation of Health Workers in a Medical Facility under Crisis Conditions. Society for Risk Analysis 2015 Annual Meeting. Marriot Crystal Gateway, Arlington, VA, USA, 6-10 December 2015.

Workshops Conducted

- Workshop on Modelling the Economic Impact of Disasters: Static and Dynamic Analysis. Diamond Hotel, Manila, Philippines. 20 January 2017.
- Inoperability Input-Output Modeling: Theory and Hands-on Demonstration. **Disasters and the Economy.** Central Philippine University, Iloilo City, Philippines 19 August 2015.
- Input-Output Modelling for Disaster Risk Analysis and Climate Change Adaptation. *Workshop at the 23rd International Conference on Production Research, Marriott Hotel, Pasay, Philippines, 5 August 2015.*

Summer/Winter Schools Attended

- Introduction to Complexity. NTU-Warwick Winter School. *Nanyang Technological University, Singapore.* 23-27 February 2015

- Economic Growth, International Trade and Environmental Economics. UB Economics Summer School. *Universitat de Barcelona, Barcelona, Spain*. 7-11 July 2014.
- PEP-Laval Intensive Graduate School in Development Economics: Development Policy Modelling. *Université Laval, Quebec, Canada*. 29 May – 2 June 2011.

Workshops Attended

- Process Systems Engineering Approaches for the Provision of Supplies & Utilities for Sustainable Cities. A workshop organized by *University of Nottingham and De La Salle University*, held at the Crimson Hotel, Filinvest City, Muntinlupa, 25-29 January 2016.
- Monte Carlo and Probability Bounds Analysis in R with Hardly Any Data. *A workshop held in conjunction with the Society for Risk Analysis Annual Meeting, Arlington, VA, USA 10 December, 2015*
- Research Leadership Training Program. *A training facilitated by the Office of the Vice Chancellor for Research and Innovation, De La Salle University, Manila, Philippines, 4-12 May, 2015*
- Managing Uncertainty in Input-Output Analysis. *Fourth International School of Input-Output Analysis held at the Instituto Superior Economia e Gestao, Lisbon, Portugal 14 July 2014.*
- Construction of Supply-Use and Input-Output Tables. *Third International School of Input-Output Analysis held at the Kitakyushu International Conference Center, Kitakyushu, Japan 7 July 2013.*
- Advances in Numerical Methods for Economics. *A workshop held at the International Monetary Fund in Washington, DC, USA, 28 June 2013.*
- Strengthening Planning Capacity for Low Carbon Growth in Developing Asia. *A National Capacity Building Training Workshop held at the Asian Development Bank, Manila, Philippines, 23-24 July 2012.*
- ARTNet/UNDP Workshop on Trade and Gender Linkages. *A workshop held at the United Nations Headquarters in Bangkok, Thailand, 15-17 September 2010.*

Conferences and Seminars Attended

- 53rd Annual Meeting of the Philippine Economic Society, Intercontinental Hotel, Makati, Philippines 10 November 2015.
- Annual PAASE Meeting and Symposium 2015. Global Partnerships: The Key to Philippine Innovation and Competitiveness. De La Salle University. 5-7 February 2015.
- Coastal and Urban Resilience: Can we Prevent a Future Sandy? *A seminar held at the atrium of the National Science Foundation, Arlington, VA, USA, 3 December 2013.*
- Crisis: Yesterday and Today. Fourteenth Jacques Polak Annual Research Conference. *A conference held at the International Monetary Fund Headquarters, Washington D.C., USA, 7-8 November 2013.*
- Ocean Acidification: Consequences of a Poorly Managed Carbon Budget. *A seminar held at the atrium of the National Science Foundation, Arlington, VA, USA, 5 November 2013.*
- Aflatoxins: Finding Solutions for Improved Food Safety. *A seminar held at the International Food Policy Research Institute in Washington D.C., USA, 5 November 2013.*
- Cash, Food or Vouchers? Evidence from a Four-Country Experimental Study. *A seminar held at the International Food Policy Research Institute in Washington D.C., USA, 23 October 2013.*
- Investing in Strengthening the Resilience of Smallholder Farmers. *A roundtable discussion held at the International Food Policy Research Institute in Washington D.C., USA, 21 October 2013.*
- Food, Forests and Landscapes: Solutions for Sustainable Development. *A seminar held at the International Food Policy Research Institute in Washington D.C., USA, 24 June 2013.*
- Financial Structure: The Issues. *A conference held at the International Monetary Fund Headquarters, Washington D.C., USA, 17 May 2013.*
- Input Subsidy Programs in Developing Countries: What Works, What Doesn't and Why? *A seminar held at the International Food Policy Research Institute in Washington D.C., USA, 18 April 2013.*

- Agriculture Value Chains and the Role of the Private Sector. *An inaugural roundtable discussion for the DuPont Agriculture Development Roundtable Series held at the International Food Policy Research Institute in Washington D.C., USA, 17 April 2013.*
- Public Financial Management and Its Emerging Architecture. *A book launch and seminar held at the International Monetary Fund Headquarters, Washington D.C., USA, 16 April 2013.*
- Understanding International Commodity Price Fluctuations. *A conference held at the International Monetary Fund Headquarters, Washington D.C., USA, 20-21 March 2013.*
- Climate Change Series: Climate Sensitive Water Policy. *A seminar by Dr. Amanda Lynch held at the Georgetown University Regents Hall 239 in Washington D.C., USA, 12 March 2013.*
- Diversification and Structural Transformation for Growth and Stability in Low-Income Countries. *A conference held at the International Monetary Fund Headquarters in Washington D.C., USA, 21 February 2013.*
- Climate Change Series: Federalism, Regulatory Lags, and the Political Economy of Energy Production. *A seminar by Dr. David Spence held at the Georgetown University Mortara Conference Center in Washington D.C., USA, 13 February 2013.*
- The Politics and Economics of Britain's Foreign Aid. *A seminar by Sir Tim Lancaster held at the Georgetown University ICC 700 Conference Room in Washington D.C., USA, 8 February 2013.*
- **Others**
- Yu, K.D.S. (2014). What Makes and Economic Sector Vulnerable to Disasters? *Newspaper Article on the Philippine Star. 7 August 2014.*
- 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.*

PROFESSIONAL ORGANIZATION

International Input Output Association, member	2011- present
Philippine Economic Society, member	2011- present
Society for Risk Analysis, member	2013-present
Pan Pacific Association of Input Output Studies, member	2015 –present