

The Contributors

- **Development of a Fuzzy Linear Programming Model for Allocation of Inoperability in Economic Sectors Due to Loss of Natural Resource Inputs**

Raymond Tan is a full professor of chemical engineering, university fellow and current Vice-Chancellor for Research and Innovation at De La Salle University, Manila, Philippines. His main areas of research are process systems engineering and process integration. Prof. Tan received his BS and MS in chemical engineering and PhD in mechanical engineering from De La Salle University, and is the author of more than 100 published and forthcoming journal articles in the fields of chemical, environmental and energy engineering. He currently has over 130 publications listed in Scopus with an h-index of 28, is member of the editorial board of the journal *Clean Technologies and Environmental Policy* (Springer) and is editor of the book *Recent Advances in Sustainable Process Design and Optimization* (World Scientific). He is also the recipient of multiple awards from the Philippine Commission on Higher Education (CHED), the National Academy of Science and Technology (NAST) and the National Research Council of the Philippines (NRCP).

Kathleen Aviso is an Associate Professor in the Chemical Engineering Department of De La Salle University, Manila, Philippines. Her research interest is in the development of decision support tools for environmental decision-making which have been applied for

eco-industrial parks and low-carbon energy systems to name a few. She received her BS in Chemical Engineering (cum laude) from the University of the Philippines-Diliman in 2000 and her MS in Environmental Engineering and Management (with high distinction and the outstanding thesis award) from De La Salle University in 2006. She also received her Ph.D. degree in Industrial Engineering at De La Salle University in 2010. She was awarded the Paterno and Natividad Bacani Professorial Chair in Chemical Engineering in 2013 from the Gokongwei College of Engineering at De La Salle University. She was also recognized as one of the Outstanding Young Scientists of 2013 by the Philippine National Academy of Science and Technology (NAST) and the winner of the 2010 NAST Talent Search for Young Scientists for her Ph.D. work on the development of mathematical models for efficient water use in eco-industrial parks. In 2008, she received the Outstanding Scientific Paper Award from NAST for work done on decision analysis tools in life cycle assessment as part of her master's thesis. She now has 27 Scopus-listed publications with an h-index of 12.

Michael Angelo Promentilla is an Associate Professor of Chemical Engineering at De La Salle University. His research interests vary from a wide spectrum of application of decision modeling and risk analysis to environmental and energy systems, as well as, to the design and characterization of sustainable engineering materials. He received his doctorate degree

in socio-environmental engineering with a Monbukagakusho scholarship from Hokkaido University, Japan. Results of his research activities and accomplishments are published in peer-reviewed and ISI-listed journals, and are also presented in both local and international conferences, workshops, and symposia. He currently has more than 15 publications in Scopus with an h-index of 6. He is also the recipient of multiple scientific awards from the Philippine National Academy of Science and Technology, Commission on Higher Education and the Japan Concrete Institute.

Krista Danielle Yu is an assistant professor at the School of Economics in De La Salle University, Manila, Philippines. Her main areas of research are input-output modelling, computable general equilibrium analysis and disaster risk analysis. She received her Ph.D. in Economics from De La Salle University. She has also served as a visiting researcher at The George Washington University (GWU), Washington D.C., U.S.A. Currently, she is leading a research program workshop that promotes an interdisciplinary approach for quantitative modelling of disaster risk management.

Joost Santos is an assistant professor in the Department of Engineering Management and Systems Engineering, George Washington University. He received his Ph.D. in Systems Engineering from the University of Virginia in 2003, with distinction (Louis T. Rader Outstanding Ph.D. Student). Following his Ph.D., Prof. Santos held a research faculty position at the University of Virginia's Center for Risk Management of Engineering Systems. Dr. Santos has an established track record of extending the use of economic input-output (I-O) models to disaster risk analysis applications, such as hurricanes, disease pandemics, and critical infrastructure failures. Results of his research activities are documented in more than 50 peer-reviewed publications, including a highly cited article on modeling system

interdependencies that appeared in an issue of Risk Analysis in 2004. He won two best paper awards from the Society for Risk Analysis. He was also the 2009 recipient of the Leontief Memorial Prize from the International Input-Output Association. Dr. Santos is a recipient of several grants from the U.S. National Science Foundation, which aim to develop infrastructure preparedness models to minimize disaster impacts on interdependent systems. Dr. Santos has also received grants from the American Society for Mechanical Engineers, George Washington Institute of Public Policy, and George Washington Institute for Biomedical Engineering. In 2013, he has been inducted to the Philippine-American Academy of Science and Engineering. He collaborates with a research group from De La Salle University (Philippines) to assess and manage the ripple effects of economic disruptions triggered by climate change.

- **A Conceptual Framework for Estimating the Impact of Climatic Uncertainty and Shocks on Land Use, Food Production, and Poverty in the Philippines**

Caesar Cororaton is a Senior Research Fellow. Global Issues Initiative/Institute for Society, Culture and Environment. Virginia Polytechnic Institute and State University. His research focuses on agriculture and poverty in developing countries.

Arlene Inocencio is associate professor and Director of External Affairs of the School of Economics at De La Salle University, Manila, Philippines. Her research interests span a diverse topic on agriculture and natural resources issues especially irrigation and water resource management and public-private partnership, protected areas and payment for ecosystem services and climate change and water in agriculture.

Anna Bella Siriban-Manalang is Associate Professor of Industrial Engineering at the De La Salle University, Manila and is currently Director of the Center for Lean Systems and Management. Her research activities and professional engagements focus on Environmental Management Systems, Organizational Development, Balanced Scorecards and Lean Manufacturing Systems.

Marites Tiongco is associate professor and Director for Research and Advanced Studies of the School of Economics at De La Salle University, Manila, Philippines. Her research work and activities focus on the economics of agricultural and rural development, and human capital development in developing countries.

- **Biophysical Vulnerability Impact Assessment of Climate Change on Aquaculture Sector Development in Sarawak, Malaysia**

Rosita Hamdan is currently a lecturer in the Department of Economics, Faculty of Economics and Business, University of Malaysia Sarawak. She earned a Master of Economics from University of Malaya (UM) and currently is a PhD candidate in the Department of Economics, Faculty of Economics and Administration, University of Malaya. She is also actively involved in research in the area of Environmental Economics, Economics of Climate Change and Development Economics.

Fatimah Kari earned a Bachelor's degree from National University of Malaysia (UKM), a Master of Economics from the University of Leicester, UK and a PhD (Economics) from Mississippi State University, United States. She is formerly the director of the Centre for Poverty and Development Studies (CPDS), University of Malaya and associate professor in the Department of Economics, Faculty of Economics and Administration, University of

Malaya. She has published and presented many scholarly papers in the area of Environment and Poverty, Poverty Indexing and Environment and Growth. She has been a consultant for several consultancy project sponsored by the Ministry of Energy, Green Technology and Water (KeTTHA), Ministry of Natural Resources and Environment (MNRE) and Economic Planning Unit, Prime Ministers Department, Malaysia.

Azmah Othman is currently the Deputy Dean of Undergraduate and senior lecturer in the Department of Development Studies, Faculty of Economics and Administration, University of Malaya. She has been involved in teaching, research, writing and publishing on topics related to Co-operative, Development, Agriculture and Poverty. She serves as a member of the National Co-operative Consultative Council under the Malaysia Co-operative Societies Commission.

- **Trade Policy Implications on Food Security in Rice and Maize in Kenya and the Philippines**

Chris Simon Sitienei Kipkorir has teaching experience of fifteen years in a number of High Schools in Kenya. He is currently a full time faculty of Kenyatta University, Kenya. He earned a Doctor of Philosophy in Business Administration (PhD BA) at the School of Business and Economics, University of San Carlos, Cebu City, Philippines. He finished his Master of Business Administration from Kenyatta University, Nairobi, Kenya in 2008. He has carried out researches on trade policies, knowledge management, and operations management.

Marites Khanser is a full professor and was formerly the Research Coordinator of the School of Business and Economics of the University of San Carlos, Cebu City, Philippines. She finished a Doctor of Business Administration (DBA) degree from the Graduate School of

Business, De La Salle University, Manila, Philippines, in 1998. She holds an MA from University of the Philippines-Diliman 1991 and an MBA from Xavier University, Ateneo de Cagayan in 1989. Before joining the University of San Carlos, she was a full-time faculty of the John Gokongwei School of Management, Loyola Schools, Ateneo de Manila University handling Organizational Behaviour, Business Statistics, and Knowledge Management. She is the author of the entrepreneurship book, John L. Gokongwei Jr.: The path of Entrepreneurship, published by Ateneo de Manila University in 2007.

- **Does Financial Cooperation Agreement Influence the Real Economy?: A GMM Panel Data Approach on ASEAN+3 Countries**

Md. Saifur Rahman is a PhD candidate in the department of Economics of University Malaya. He has completed his bachelor's degree in Economics and Master's degree in applied finance from International Islamic University Malaysia. His PhD thesis concentrates on the development of regional financial markets. His research areas are financial markets, capital markets, micro-finance and monetary and environmental economics. He has published a book on microfinance, several papers in ISI-indexed, Scopus indexed, referred and peer-reviewed journals.

Mohamed Aslam Mohamed Aslam is a Senior Lecturer with the Department of Economics, Faculty of Economics and Administration, University of Malaya, Kuala Lumpur, Malaysia. He holds two PhD, i.e. PhD in international macroeconomics (Post-Keynesian) from the University of Malaya and PhD in regional economic integration (ASEAN-China FTA) from the Hiroshima City University, Japan. His main areas of research are international trade policy, regional economic integration, international macroeconomics and Post-

Keynesian economics. Up to date he has published 3 books, more than 50 papers in academic journals and books and presented papers at more than 60 conferences worldwide .

Wee-Yeap Lau was formerly the Head, Department of Applied Statistics at the Faculty of Economics and Administration, University of Malaya. He has also taught the MBA Programme in the International University of Malaya-Wales (IUMW) and Graduate School of Business, University of Malaya. He was a Monbusho Scholar at Osaka University where he obtained his Master and PhD in Economics. He has been a Visiting Scholar to Risk Management Institute at National University of Singapore and attended the Executive Education Program in Portfolio Management and Asset Allocation at Bendheim Center for Finance, Princeton University.

Farihana Shahari is a PhD candidate in Faculty of Economics and Administration, University of Malaya. She is engaged in dynamic research, specifically risk management, Islamic financing, microfinance and energy economics. Currently, she is on study leave for her PhD programme and will join back to her sponsored university "International Islamic university Malaysia" after completing the programme.

- **Determinants of Investor's Subscription Level of IPOs: Evidence from Indian Capital Market in Post Mandatory IPO Grading Regime**

Souvik Banerjee has done his post-graduation in management from K.J. Somaiya Institute of Management Studies and Research, Mumbai. A keen researcher, he has currently 20 publications, in various national and international journals. His areas of expertise are capital market, fixed income securities, international financial management. At present he is serving as Assistant Professor & Course Co-ordinator, at Sri Institute of Management Studies, Goa, India.

K.T. Rangamani is a doctorate in management, with vast experience in the corporate world and the academia. At present he is serving as senior professor, at VIT University, Chennai, India. He is a keen researcher with several publications to his credit.

- **Evaluating Banking Agents: A Case of Brazilian Banking Correspondents**

Tania Pereira Christopoulos is Professor in the Marketing course at University of Sao Paulo, Brazil. Her research agenda is generally focused on innovation ICT, ICT for development, microfinance, organizational learning, and qualitative research. She has a post Ph.D in social design from HEC Montreal and a Ph.D in Business Administration with focus in Information Systems from Fundação Getúlio Vargas. Since 2011, she coordinates the D-USPLeste (a laboratory of design and creativity). Most recently she has taken part in the NAP (Nucleus of pedagogical activities) at University of Sao Paulo, a project with the goal of developing alternative learning methods and courses.

Lauro Gonzalez has a Phd in economics and is Professor at Fundação Getúlio Vargas, São Paulo, Brazil, since 2004. He is also the director of the Center for Microfinance Studies at Fundação Getulio Vargas. His research is focused on microfinance, financial inclusion and development. He was visiting Professor at Columbia University in 2014 and at Université Paris-Dauphine (Paris 9) during 2012. Most recently, he has lectured in China (Building Credit Information System in China) and at Stanford University.

Tomás Costa de Azevedo Marques is a researcher at University of São Paulo. His research is focused on financial inclusion and microfinance. He has BA in marketing and is doing his master in comparative studies in

public policy of financial inclusion in Brazil and Venezuela at Graduation Program on Latin America Integration - PROLAM/USP.

- **Initiating Women Empowerment and Youth Development through Involvement in Non-Formal Education in Three Selected Parishes: An Action Research on Poverty Alleviation**

Divina Edralin is a Full Professor in the Management and Organization and currently the Vice Dean for Research and Graduate Studies of the Ramon V. Del Rosario College of Business of De La Salle University. She has written books on business research, entrepreneurship, child labor, and human resource management. She has also published in peer-reviewed journals her research on trade unions, innovation, gender, entrepreneurship, collective bargaining, corporate entrepreneurship, and strategic human resource management.

Maria Victoria Tibon is currently an Assistant Professor in the Management & Organization Department of the Ramon V. Del Rosario College of Business at De La Salle University. She has a Doctorate in Business Administration (with Distinction) from De La Salle University-Manila. She received her MBA from the University of the Philippines-Diliman. She completed her Bachelor's degree in Economics (Cum Laude) from the University of Asia and the Pacific. Her research works have been published in peer-reviewed journals in areas covering entrepreneurship, marketing and sustainability.

Florenz Tugas is an assistant professor in the Accountancy Department of the Ramon V. Del Rosario College of Business of De La Salle University-Manila. He is currently finishing his PhD in Business degree at De La Salle University. He specializes in Auditing and Assurance, Taxation, and Management of Information Technology courses. His research

interests include information technology governance, electronic commerce, audit, and community engagement.

- **Breastfeeding in the Philippine Workplace: What's Wrong with the Right?**

Emily Sanchez Salcedo is an Associate Professor of the Commercial Law Department of De La Salle University. She is a member of the Philippine Bar and the New York State Bar. She obtained twin baccalaureate degrees in Psychology and Commerce, majoring in Human Resource Development, from St. Scholastica's College, Manila, magna cum laude. She earned her degrees in law from the Ateneo de Manila University (Juris Doctor), San Beda Graduate School of Law (Master of Laws) and Indiana University Maurer School of Law (Doctor of Juridical Science). She is currently a visiting scholar at the University of Manitoba in Canada.

- **Dine in or out: Understanding the Budgeting and Eating Out Behavior of De La Salle University Students**

Ma. Luisa Delayco is an Associate Professor at the Marketing Department, De La Salle University-Manila. She has been teaching for more than 10 years and earned her PhD in Communications from University of the Philippines, Dilliman.

Hazel Biana is an Assistant Professor at the Philosophy Department, De La Salle University-Manila. She worked in the advertising industry for eight years and earned her doctorate degree in Philosophy from the same university. She has presented research papers in Europe, Asia and the United States.

GUIDELINES FOR CONTRIBUTORS

EDITORIAL OBJECTIVES

The objective of the *DLSU Business & Economics Review (DLSU B&E Review)* is to publish high-quality theoretical, empirical, and methodological research in the fields of accounting, business management, commercial law, economics, finance, and marketing. Since it is the major academic journal of the Ramon V. del Rosario-College of Business (RVR-COB) and School of Economics (SOE) of De La Salle University, the articles published must meet high standards of scholarship. They should make significant contributions to the business and economics discipline, and stimulate interest in further research.

EDITORIAL POLICIES

In line with the objective of the *DLSU B&E Review*, priority shall be given to the following:

- *Theoretical research*: Studies that explore or test theoretical issues and provide additional insights on the issues.
- *Empirical research*: Studies that re-examine important empirical work using alternative theoretical or empirical frameworks, or a different data set. These studies often involve experimental designs and multivariate techniques that examine relationships among variables.
- *Methodological research*: Studies that present new approaches in analyzing data or addressing research problems.
- *Review articles*: Surveys that review and critically evaluate the literature. A review article must go beyond summarizing previous research. It must provide a critical and integrative evaluation of prior research, develop a conceptual framework to explain contradictory findings and suggest directions for further research.

The *DLSU B&E Review* also encourages and welcomes papers that use an interdisciplinary approach (e.g., law and economics) in analyzing issues as well as those that use multiple research methods to support hypotheses.

In addition to the above types of articles, the *DLSU B&E Review* also welcomes critiques, short notes, or comments on previously published articles and consequently, rejoinders from the authors of these articles. Short articles which are not “full-blown” research papers, but whose content adds new insights into or knowledge to their respective fields will be considered. These short articles and comments shall be included under a separate section called “Research Notes.”

Reviews of new books (published no more than one year prior to the review date) will also be considered. The review of a second or a revised edition is discouraged, unless the revisions are substantial. Reviews of textbooks will not be considered. A separate section called “Book Reviews” will be added to the journal issue when necessary.

PUBLICATION DETAILS

The *DLSU B&E Review* is published twice a year. Unless otherwise noted, the ideas, opinions, and conclusions expressed in the *DLSU B&E Review* are those of the authors and not necessarily those of the Editorial Board or the management and staff of De La Salle University.

REVIEW PROCESS

Papers are reviewed by an Advisory Editorial Board and invited experts in the fields of accounting, business management, commercial law, economics, finance, and marketing. From the pool of articles reviewed, six or more papers are reviewed again by the Editor-in-Chief. If major revisions are required, the papers are sent back to the authors for revision and re-submission. Each author of a paper not accepted is given a written notice of the action taken on his/her paper. The Editorial Board of the *DLSU B&E Review* reserves the right to keep copies of all papers submitted.

SUBMISSION OF INITIAL MANUSCRIPT

Manuscripts submitted must not have been published or accepted for publication elsewhere. The author must submit a copy of the manuscript to: nuscripts submitted must not have been published or accepted for publication elsewhere.

Authors may e-mail their submissions to the Editor-in-Chief at tereso.tullao@dlsu.edu.ph and the Managing Editor at marites.tiongco@dlsu.edu.ph

STYLE GUIDELINES

A manuscript should be written in APA style. It should be typed double-spaced, on 8½ x 11-inch white bond paper, with a margin of one inch on all sides. It should not exceed 20 pages, inclusive of text, tables, figures, references, and appendices. The manuscript should be typed with Arial or Times New Roman 12 pt. font. The right-hand margin should have justified alignment. Equations must be numbered. Footnotes should not be used for reference purposes and should be avoided when possible. All references and/or content notes must be placed at the end of the text. A detailed set of style guidelines will be sent to the author once a manuscript is accepted for publication. All tables, graphs, figures, maps, and other drawings should be in jpeg (high resolution) and word file.

SUBMISSION OF FINAL MANUSCRIPT

The author of a manuscript accepted for publication should submit a soft copy of the final version. The preferred word processor for the final version is Microsoft Word. The author should also submit a short profile for inclusion in the section "The Contributors". It should include the complete name of the author, academic and/or professional affiliations, and educational background. The manuscript should be JEL classified with up to 10 keywords.