

Majah - Leah Villar Ravago, PhD

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Dr. Majah-Leah V. Ravago is the 10th President of the Development Academy of the Philippines and an economist with solid leadership skills.

Her diverse professional background includes leadership in multimillion-dollar energy projects, policy research, and a results-oriented approach to energy economics, competition policy, natural disasters, and development economics. She was the Project Leader of the House of Representatives (HRep) and the Ateneo de Manila University Project on supporting the President's 8-point agenda with evidence-based research. She was the Program Director of the 2014–2018 USAID project – the Energy Policy and Development Program that provided policy advice to NEDA, DOE, and the Committees on Energy in the Senate and HRep. As Program Director, she coordinated several intergovernmental-agency activities, including executive discussions with key government officials. She was the Research Director of the US Department of State and UPSCRFI Gas Policy Development Project in 2019. She served as the President of the Philippine Economic Society in 2018, spearheading the fundraising and coordination efforts for the back-to-back national and international conferences.

She has extensive experience as a policy advisor to government officials at NEDA, DOE, PCC, DTI, and the Committees on Energy in the Senate and House of Representatives. She also serves as a policy and research consultant for the World Bank, Asian Development Bank (ADB), ADB Institute, and USAID, among other development agencies.

She is also a Research Fellow at the Research Institute for Environmental Economics and Management (RIEEM) at Waseda University, Japan. She was also a U.S.-Philippines Alliance Research Fellow at East-West Center (EWC) in Washington, DC, a partnership program by the EWC and the US Embassy in the Philippines, from April to July 2023. As an Associate Professor at the Department of Economics, Ateneo de Manila University, she led the Department's Research Committee. As an Assistant Professor at the UP School of Economics, she concurrently held the positions of Research Director of the UPSE Economics Research Center and Division Chief III, Research of the Philippine Center for Economic Development (PCED).

Her research interests include energy economics, competition policy and economics, the economics of natural disasters, and agricultural and development economics. An output-driven academic, she has published in international journals and has co-edited four books. She received the One UP Faculty Grant Award in Economics for Outstanding Research and Public Service at UP Diliman (2016-2018). The National Academy of Science and Technology (NAST) awarded her the Outstanding Young Scientist in Economics in 2016. She earned her BS in Business Economics and MA in Economics from the University of the Philippines. She obtained her PhD in Economics from the University of Hawai'i in 2012 under the East-West Center Graduate Degree Fellowship Program.

Education

University of Hawai'i Mānoa, PhD Economics, Spring 2012

University of the Philippines Diliman, MA Economics, October 2002

University of the Philippines Diliman, BS Business Economics, April 1997

Professional Experience: Management and Policy Advisory Position

President and CEO, Development Academy of the Philippines, 8 February 2024 - present

Project Leader and Congressional Research Fellow, House of Representatives-Ateneo Research Project on Supporting the 8-Point Agenda with Evidenced-based Research, Feb 2023-Feb 2024.

Program Director, Energy Policy and Development Program (EPDP) USAID Project, Oct 2014- Oct 2018

Research Director, Gas Policy Development Project – US Department of State and UPSCRFI project (2019)

Research Director, UPSE Economics Research Center, May 2013 – February 2015

Division Chief III, Research, Philippine Center for Economic Development (PCED), May 2013 –Feb 2015

Board Member, UPecon Foundation, May 2013- February 2015

Policy Consultant on electricity industry, World Bank Philippines, 2022.

Policy Advisor to the House of Representatives, 2021.

Policy Consultant on Electric Vehicle, Department of Trade and Industry 2021-2022.

Research Consultant on Competition Policy, Energy, and Climate Change ADB, 2018-2023.

Research Consultant on Competition Policy, ADB Institute, 2022-2023

Professional Experience: Academic and Research

Associate Professor, Ateneo de Manila University (ADMU), Economics Department, August 2018 – present (part-time starting March 1, 2024)

Assistant Professor, UP School of Economics (UPSE), June 2012 – July 1, 2018

Lecturer, University of Hawaii Economics Department, Summer 2008, 2009, 2010, and Spring 2011

Associate Editor, *Philippine Journal of Development*, PIDS 2022-26.

ADMU Loyola Schools Committee on Scholarly Work, Member, SY 2022-2024.

ADMU School of Social Sciences Research Council, Member, SY 2019-2022

ADMU Loyola Schools Panel of the University Research Ethics Committee, SY 2019-2024.

Fellow, Philippine Public Safety College, DILG, 2021 - present

Research Fellow, Research Institute for Environmental Economics and Management (RIEEM) Waseda University Japan, July 2018 – present

Fellow, Social Weather Stations (SWS), 2017 to present

Graduate Research Assistant, UH Economic Research Organization (UHERO), Mar 2011 - Aug 2011, Dec 2011 – Jan 2012

Research Assistant, UH Water Resources Research Center, Aug 2007 - Jul 2010

Project Development Specialist, Southeast Asian Regional Center for Graduate Study and Research in Agriculture (SEARCA), Oct 2003 - Jul 2006

Research Associate, Department of Agriculture, Philippines, Jan 2003 - Oct 2003

Research Analyst, Philippine Institute for Development Studies, Jan 1999 - Jun 2001

Junior Analyst, Equitable Banking Corporation, Apr 1998 - Aug 1998

Sales & Marketing Executive, Bennet McKenzie Executive Resources, Jul 1997 - Apr 1998

Awards

Outstanding Book Award 2020, National Academy of Science and Technology (NAST) for the edited book, *Powering the Philippine Economy: Electricity Economics and Policy*.
Special Citation Award 2020, Ateneo's Outstanding Scholarly Work Awards for the School of Social Sciences for the 2019 article published in *Journal of Asian Economics*.
Outstanding Young Scientist (Economics) 2016, National Academy of Science and Technology
One UP Faculty Grant Award in Economics for Outstanding Research and Public Service in UP Diliman (2016-2018)
International Publication Award (IPA), UP Office of the Vice President for Academic Affairs (OVPA) – April 2015 (<http://ovpaa.up.edu.ph/ipa-awardees-for-april-2015/>)
Seiji Naya Most Outstanding First-Year Student Award, Economics Department U of Hawaii, AY 2006 -2007 (<http://www.economics.hawaii.edu/news/partys08.html>)
Dean's Medalist, UP School of Economics, Apr 1997

Scholarships and Fellowships

2023 U.S.-Philippines Alliance Fellowship program, East-West Center in Washington, DC, funded by the US Embassy in the Philippines April 10-June30, 2023
Visiting Fellowship, Waseda University, Tokyo, Japan under the Tokyo Center for Economic Research -TIFO Grant (July 22 – Aug 12, 2018)
Burnham O. Campbell Dissertation Award, University of Hawaii - Spring 2011 (<http://www.economics.hawaii.edu/graduate.html>)
SEARCA PhD Research Scholarship, Jan - May 2011 (<http://searca.org/index.php/news/300-three-filipinos-get-searca-phd-research-scholarships>)
East-West Center Student Affiliate, Jan 2011-August 2011
East-West Center Graduate Degree Fellowship, Jul 2006 - Dec 2010
East-West Center Association Scholarship, Jul 2006 - Jul 2008
Philippine Center for Economic Development Scholarship, Jun 2001- Apr 2003
Bataan Civic Youth Foundation Inc. Scholarship, Jun 1993 - Apr 1997
Tomas del Rosario Academy Scholarship, AY 1989-1993

Research: Fields of interest

Economics of Energy, competition policy, natural disasters, and development

Publications

Edited Books

Balisacan, A.M., Y. Elhan-Kayalar, **M.V. Ravago**, J. Roumasset, Y. Sawada, & T. Sonobe (eds.) *Designing Competition Policy for Economic Development in Asia*, forthcoming as ADBI publication.

Hill, H., **M.V. Ravago**, and J.A. Roumasset (eds.). 2022. *Pro-poor Development Policies: Lessons from the Philippines and East Asia*. Singapore: Institute of Southeast Asian Studies and Los Baños: SEARCA. <https://bookshop.iseas.edu.sg/publication/7822>

Ravago, M.V., J. Roumasset, and R. Danao (eds). 2018. *Powering the Philippine Economy: Electricity Economics and Policy*. Quezon City: University of the Philippines Press. https://press.up.edu.ph/store/books/view_item/703 (**2020 NAST Outstanding Book Award**).

Balisacan, A.M., U. Chakravorty, and **M.V. Ravago** (eds). 2015. *Sustainable Economic Development: Resources, Environment and Institutions*, Elsevier Academic Press, USA. <http://www.sciencedirect.com/science/book/9780128003473>

Energy

- Ravago, M.V.**, K. Jandoc, M. Pormon. 2023. "Reliability and Forced Outages: Survival Analysis with Recurrent Events," *Japan and the World Economy*, 68:101213.
<https://doi.org/10.1016/j.japwor.2023.101213>
- Nakai, M., **M. V. Ravago**, Y. Miyaoka, K. Saito, T. Arimura. 2023. "Consumers' Preferences for Energy-Efficient Air Conditioners in a Developing Country: A Discrete Choice Experiment Using Eco Labels," *Energy Efficiency*, 16(14) <https://doi.org/10.1007/s12053-023-10095-8>
- Ravago, M.V.** and J. Roumasset. 2021. "COVID-19, Generation Fuels, and the Energy Transition in the Philippines," *Transactions National Academy of Science & Technology Philippines*, 43, <https://doi.org/10.57043/transnastphl.2021.1408>
- Ravago, M.V.**, K. Jandoc, R. Fabella, R. Friaz, J. Magadia. 2021. "Gauging the Market Potential for Natural Gas among Philippine Manufacturing Firms," *Energy*, 237, Article 121563.
<https://doi.org/10.1016/j.energy.2021.121563>
- Ravago, M.V.**, K. Jandoc, R. Fabella, R. Friaz, J. Magadia. 2021. "Survey Data on Energy and Fuel Use of Firms in Economic Zones in the Philippines," *Data in Brief*,
<https://doi.org/10.1016/j.dib.2021.107637>
- Pepino, V., **M.V. Ravago**, and K. Jandoc. 2021. "Does Quality of Electricity Matter? Household-level Evidence from the Philippines," *Journal of the Asia Pacific Economy*, 26(4): 720-747
<https://doi.org/10.1080/13547860.2020.1840492>
- Ravago, M.V.**, A. Brucal, J. Roumasset and J. Punongbayan. 2019. "The Role of Power Prices in Structural Transformation: Evidence from the Philippines." *Journal of Asian Economics*, 61:20-33 <https://doi.org/10.1016/j.asieco.2019.02.001>. **(2020 Special Citation Award Ateneo's Outstanding Scholarly Work Awards for the School of Social Sciences)**
- Ravago, M.V.**, J. Roumasset, R. Danao. 2018. "Electricity Policy in the Philippines: Overview and Synthesis," in M.V Ravago, J. Roumasset, and R. Danao (eds.), *Powering the Philippine Economy: Electricity Economics and Policy*. Quezon City: University of the Philippines Press.
- Ravago, M.V.** and J Roumasset. 2018. "The Public Economics of Electricity Policy with Philippine Applications," in M.V Ravago, J. Roumasset, and R. Danao (eds.), *Powering the Philippine Economy: Electricity Economics and Policy*. Quezon City: University of the Philippines Press.
- Jandoc, K., J. Roumasset, **M.V. Ravago**, K. Espinoza. 2018. "The Simple Economics of Optimal Generation, Transmission, and Electricity Use" in M.V Ravago, J. Roumasset, and R. Danao (eds.), *Powering the Philippine Economy: Electricity Economics and Policy*. Quezon City: University of the Philippines Press.
- Ravago, M.V.**, A. Brucal, J. Roumasset, S. de Guia. 2018. "Bending the Curve: The Impact of Gradual Policy Reforms on Electricity Prices," in M.V Ravago, J. Roumasset, and R. Danao (eds.), *Powering the Philippine Economy: Electricity Economics and Policy*. Quezon City: University of the Philippines Press.
- Mapa, D., **M.V. Ravago**, M. Albis, M. Del Mundo. 2018. "The Link between Energy and Poverty: Evidence of Benefits for the Poor," in M.V Ravago, J. Roumasset, and R. Danao (eds.), *Powering the Philippine Economy: Electricity Economics and Policy*. Quezon City: University of the Philippines Press.
- Ravago, M.V.**, R. Fabella, R. Alonzo, R. Danao, and D. Mapa. 2018. "Energy: Power Security and Competitiveness" in R. Clarete, E. Esguerra, and H. Hill, *The Philippine Economy: No Longer the East Asian Exception?*, pp 269-323 Singapore: Institute of Southeast Asian Studies. <https://bookshop.iseas.edu.sg/publication/2342>
- Chakravorty, U., K. Emerick, and **M. V. Ravago**, "Lighting the Last Mile: The Costs and Benefits of Extending Electricity to the Rural Poor." *Resources Magazine*, Resources for the Future

(RFF), Issue 193, Fall 2016. <http://www.rff.org/research/publications/lighting-last-mile-benefits-and-costs-rural-electrification>

Competition Policy and Economics

Ravago, M.V., J. Roumasset, A. M. Balisacan. "The Structure, Conduct and Performance of Competition Agencies," in A.M. Balisacan, Y. Elhan-Kayalar, **M.V. Ravago**, J. Roumasset, Y. Sawada, & T. Sonobe (eds.) *Designing Competition Policy for Economic Development in Asia*, forthcoming as ADBI publication.

Roumasset, J., **Ravago, M.V.** A. M. Balisacan. "Competition Policy in Theory and Practice," in A.M. Balisacan, Y. Elhan-Kayalar, **M.V. Ravago**, J. Roumasset, Y. Sawada, & T. Sonobe (eds.) *Designing Competition Policy for Economic Development in Asia*, forthcoming as ADBI publication.

Ravago, M.V., J. Roumasset, A. M. Balisacan, Yasuyuki Sawada, Tetsushi Sonobe, and Yesim Elhan-Kayalar. "Designing Competition Policy for Economic Development in Asia: A Synthesis," in A.M. Balisacan, Y. Elhan-Kayalar, **M.V. Ravago**, J. Roumasset, Y. Sawada, & T. Sonobe (eds.) *Designing Competition Policy for Economic Development in Asia*, forthcoming as ADBI publication.

Ravago, M.V. J. Roumasset, A. M. Balisacan. 2022. "Adopting and Adapting Competition Policy: Asian Illustrations," Chapter 18 in H. Hill, M.V. Ravago, and J.A. Roumasset (eds.), *Pro-poor Development Policies: Lessons from the Philippines and East Asia*. Singapore: Institute of Southeast Asian Studies and Los Baños: SEARCA.
<https://bookshop.iseas.edu.sg/publication/7822>

Ravago, M.V. J. Roumasset, A. M. Balisacan. 2022. "What Influences Adoption of Competition Law? The Case of ASEAN Economies" *The Singapore Economic Review*, 67(5): 1607-1636
<https://doi.org/10.1142/S0217590821430049>

Natural disasters, Climate Change, Resource and the Environment, Sustainability

Ravago, M.V., and D. Mapa. 2023. "Household Coping and Recovery Strategies from Nature's Wrath: Rising from the Ruins of in the Aftermath of Haiyan," Chapter 11 in D. Docot, S. Acabado, and C. Camposano (eds.), *Plural Entanglements: Philippine Studies*. Ateneo de Manila Press: Manila.

Ravago, M.V., D. Mapa, A. Aycardo, and M. Abrigo. 2020. "Localized Disaster Risk Management Index for the Philippines: Is Your Municipality Ready for the Next Disaster?," *International Journal of Disaster Risk Reduction*,
<https://doi.org/10.1016/j.ijdrr.2020.101913>

Ravago, M.V., D. Mapa, J. Sunlao, A. Aycardo. 2020. "Data from a survey of the Philippines' local governments on their risk management strategies to natural disasters," *Data in Brief*, 33:106548, <https://doi.org/10.1016/j.dib.2020.106548>

Roumasset, J., **M. V. Ravago**, K. Jandoc, and C. Arellano. 2018. "Environmental Resources, Shocks and National Well-being," in R. Clarete, E. Esguerra, and H. Hill, *The Philippine Economy: No Longer the East Asian Exception?* Singapore: Institute of Southeast Asian Studies. <https://bookshop.iseas.edu.sg/publication/2342>

Ravago, M.V., D. Mapa, J. Sunlao, J. Roumasset. 2018. "Coping with Disasters Due to Natural Hazards: Evidence from the Philippines," *The Philippine Statistician*, 67(1).
https://www.psa.ph/docs/publications/tps/tps_2018_67_1_2.pdf

Shertsyuk, K., N. Tarui, **M.V. Ravago**, and T. Saijo. 2016. "Inter-generational Games with Dynamic Externalities and Climate Change Experiments." *Journal of the Association of Environmental and Resource Economists*, 3(2): 247-281, University of Chicago Press.

- Ravago, M.V.**, J. Roumasset, and K. Jandoc. "Risk Management and Coping Strategies: Climate Change and Agriculture in the Philippines" 2016. *Philippine Review of Economics*, 53(2):64-103.
- Ravago, M.V.** and J. Roumasset. 2015. "Public Choice and the Generalized Resource Curse," in A.M Balisacan, U. Chakravorty, and M.V. Ravago (eds), *Sustainable Economic Development: Resources, Environment and Institutions*, Elsevier Academic Press, USA
<http://www.sciencedirect.com/science/article/pii/B9780128003473000091>
- Ravago, M.V.**, A. M. Balisacan, and U. Chakravorty. 2015. "The Principles and Practice of Sustainable Economic Development: Overview and Synthesis," in A.M Balisacan, U. Chakravorty, and M.V. Ravago (eds), *Sustainable Economic Development: Resources, Environment and Institutions*, Elsevier Academic Press, USA
<http://www.sciencedirect.com/science/article/pii/B9780128003473000017>
- Burnett, K., L. Endress, **M.V. Ravago**, J. Roumasset, and C. Wada. 2014. "Islands of Sustainability in Time and Space," *International Journal of Sustainable Society*, Vol. 6, No. 1/2. <http://www.inderscience.com/offer.php?id=57887>.
- Ravago, M.V.**, J. Roumasset, and A. Balisacan. 2010. "Economic Policy for Sustainable Development vs. Greedy Growth and Preservationism," in J. A. Roumasset, K. M. Burnett, and A.M. Balisacan (eds.), *Sustainability Science for Watershed Landscapes*. Singapore: Institute of Southeast Asian Studies; Los Baños, Philippines: Southeast Asian Regional Center for Graduate Study and Research in Agriculture.
<https://bookshop.iseas.edu.sg/publication/1223> .

Agriculture and Development

- Hill, H., **M.V. Ravago**, and J.A. Roumasset. 2022. "From Agriculture to Competition: Overview and Lessons from the Philippines and Asia for Pro-poor Development," Chapter 1 in H. Hill, M.V. Ravago, and J.A. Roumasset (eds.), *Pro-poor Development Policies: Lessons from the Philippines and East Asia*. Singapore: Institute of Southeast Asian Studies and Los Baños: SEARCA.
- Ravago, M.V.**, A. Balisacan, and M. Sombilla. 2018. "Current Structure and Future Challenges of the Agricultural Sector," in M. Rosegrant and M. Sombilla (eds), *The Future of Philippine Agriculture: Scenarios, Policies, and Investments under Climate Change*. Singapore: Institute of Southeast Asian Studies, <https://bookshop.iseas.edu.sg/publication/2360>.
- Ravago, M.V.**, J. Roumasset, and K. Jandoc. 2018. "Risk Management and Coping Strategies," in M. Rosegrant and M. Sombilla (eds), *The Future of Philippine Agriculture: Scenarios, Policies, and Investments under Climate Change*. Singapore: Institute of Southeast Asian Studies.
- Ravago, M.V.** and A. Balisacan, 2016. "Agricultural Policy and Institutional Reforms in the Philippines: Experiences, Impacts, and Lessons," *Southeast Asian Agriculture and Development Primer (SAADP) Second Series*, SEARCA. <http://searca.org/knowledge-resources/1637-pre-sale?pid=338>
- Ravago, M.V.** and A. Cruz. 2004. *Southeast Asian Agriculture & Development Primer Series: Philippines*, Los Baños, Philippines: SEARCA.
- Balisacan, A.M. and **M.V. Ravago**. 2003. "Rice Problem in the Philippines: Trends, Constraints, and Policy Imperatives" in: [*Transactions of the National Academy of Science and Technology Philippines*](#). 25:221-236, NAST-DOST.

Impact Evaluation

Ravago, M.V. and D. Mapa. 2020. "Survey Data of Finalists and Winners in the Search for Outstanding Teachers in the Philippines, 1988-2010." *Data in Brief*, 32:106238.

<https://doi.org/https://doi.org/10.1016/j.dib.2020.106238>

Ravago, M.V., and D. Mapa. 2020. "Awards and Recognition: Do They Matter in Teachers' Income Trajectory?," *Studies in Educational Evaluation*, 66, September 2020, 100901.

<https://doi.org/10.1016/j.stueduc.2020.100901>

Working papers, Policy Notes/Briefs, and others

Magante, M.C, **M.V. Ravago**, F. Cacio, C.K. Cacio, M.E. Romarate. 2023. "No Teacher Left Behind: Towards Improved Financial Education," BSP Research Academy WP 2023-019.

<https://www.bsp.gov.ph/Pages/MediaAndResearch/PublicationsAndReports/Discussion%20Papers/DP202304.pdf>

Ravago, M.V. 2023. "The Nature and Causes of High Philippine Electricity Price and Potential Remedies," Ateneo Department of Economics WP 2023-01.

<https://www.ateneo.edu/analysis-opinion/2023/01/19/2023-working-paper-2023-01-0>

Ravago, M.V. 2023. "The cost structure of electricity in the Philippines and other Asian countries: A Comparative Note," Ateneo Department of Economics WP 2023-02.

<https://www.ateneo.edu/analysis-opinion/2023/01/19/2023-working-paper-2023-02>

Ravago, M.V. 2022. "Running out of Gas in the Philippines: A Boon or a Bane?," *Asia Pacific Bulletin*, East-West Center, <https://www.eastwestcenter.org/publications/running-out-gas-in-the-philippines-boon-or-bane>

Ravago, M.V. and J. Roumasset. 2020. "Can COVID-19 Spark and Energy Transition in the Philippines?," commentary in *East Asia Forum*, 5 June 2020.

<https://www.eastasiaforum.org/2020/06/05/can-covid-19-spark-an-energy-transition-in-the-philippines/>

Brucal, A., V. Roezer, D. S. Dookie, R. Byrnes, **M. V. Ravago**, F. Cruz and G. Narisma. 2020. "Disaster impacts and financing: local insights from the Philippines," Grantham Research Institute Policy Report, June 2020.

<http://www.lse.ac.uk/GranthamInstitute/publication/disaster-impacts-and-financing-local-insights-from-the-philippines/>

Ravago, M.V., D. Mapa, J. Sunglao, and A. Aycardo. 2019. Coping Strategies to Disasters Caused by Natural Hazards (A Survey of Local Government Units DRRM Office) UP School of Statistics Working Paper 2019-01. http://stat.upd.edu.ph/working_papers/7

Ravago, M.V., S. A. Quimbo, D. Mapa, A D. Kraft, and J. J. Capuno "Technical Report on Social Protection Survey of the Philippine Center for Economic Development," UPSE [Working Paper](#) 2016-06.

Chakravorty, U., K. Emerick, and **M. V. Ravago**, "Lighting the Last Mile: The Costs and Benefits of Extending Electricity to the Rural Poor." EPDP Working Paper 2016-04

<http://www.upecon.org.ph/epdp/working-paper-lighting-up-04/>

Resources for the Future (RFF) Discussion Paper 16-22-REV

<http://www.rff.org/research/publications/lighting-last-mile-benefits-and-costs-extending-electricity-rural-poor>

Ravago, M.V. and J. Roumasset. 2015. "Rethinking Baselines: An Efficiency-based Approach to Better REDD+ Governance." UH Working Paper 15-15

http://www.economics.hawaii.edu/research/workingpapers/WP_15-15.pdf

Ravago, M.V., and D. Mapa. 2014. "Eastern Visayas after Yolanda: Evidence from Household Survey," PCED Policy Note 2014-5. <http://www.pced.gov.ph/wp-content/uploads/2014/11/PN-2014-5-rev-4-111014.pdf>

- Shertsyuk, K., N. Tarui, **M.V. Ravago**, and T. Saijo. 2011. "Payoff schemes in random-termination experimental games," UH Working Paper 11-2.
http://www.economics.hawaii.edu/research/workingpapers/WP_11-2.pdf
- Ravago, M.V.**, J. Roumasset, and K. Burnett. 2008. "Resource Management for Sustainable Development of Island Economies," UH WP 08-4.
http://www.economics.hawaii.edu/research/workingpapers/WP_08-4.pdf
- Pimentel-Prenio, A., **M.V. Ravago**, and E. Medalla. 2007. "The AFTA-CEPT and the ASEAN-China Early Harvest Program: An Assessment of Potential Short-run Impacts," SEARCA Agriculture and Development Discussion Paper Series No. 2007-2, Los Baños, Laguna, Philippines.
<https://ideas.repec.org/p/pramprapa/28330.html>

Research in Progress

- Ravago, M.V.** Energy Transition from a Developing Country Perspective: The Case of the Philippines
- Ravago, M.V.**, M. Abrigo, N. Kuan, J.K. Magadia, P. Benedicto, C. Relos, M. Aquino, E. Gutierrez, R. Mira, U. San Juan, Quantifying the Potential Benefits of Reducing Transmission Congestion: A Natural Experiment using the Case of the Philippines.
- Radoc, B., **M.V. Ravago**, K. Jandoc, P. Tejano. "Competition with Forward Market for Electricity: A Laboratory Experiment in Aid of Improving Market Design in the Philippines."
- Ravago, M.V.**, M. Daño-Luna, J.F. Coronel, & A. M. Balisacan. "Scaling up MSMEs: Do competition and industrial policies matter?"
- Ravago, M.V.** and R. Frias. "Towards a Sustainable Public Transport: Finding a Niche to Build Electric Vehicle Industry." Under review.
- Ravago, M.V.**, R. Friaz, J. Magadia. "Can Electric Vehicles Thrive in the Philippines?" book chapter. Department of Trade and Industry, Philippines.
- Ravago, M.V.**, G. Pascua, L. Aceron, E. Gozo, F. Cruz, G. Narisma, "Impact of Extreme Rainfall Days on Households' Welfare in the Formal and Informal Sectors." Revised and resubmit
- Ravago, M.V.**, A. Balisacan, "Growth, Poverty, and Food Policy in the Philippines: Lessons for COVID-19 Era and Beyond"
- Ravago, M.V.**, A. Brucal, N. Tarui, T. Arimura. "Are Energy Conservation "Nudges" Effective? Evidence from a Randomized Residential Field Experiment in the Philippines."

Research and Travel Grants received

- Loyola Schools Scholarly Work Faculty Grant, Ateneo de Manila University since 2018
- Research and Creative Work Faculty, Ateneo de Manila University 2018-2019, 2020
- DOST-NAST Grants for Outstanding Achievements in Science and Technology 2017-2018
- Balik PhD Grant, UP Office of the Vice President for Academic Affairs (OVPA), 2015-2017
- PhD Research Incentive Award, University of the Philippines, 2012-2013 and 2014-2015
- Research Grant to conduct Impact Evaluation of Metrobank's Outstanding Teacher, Metrobank Foundation, Inc. – December 2013
- UH College of Social Sciences for Professional Development in Research Grant - Summer 2011
- Arts and Sciences Student Research Grant, Office of Community and Alumni Relations, University of Hawai'i - Spring 2011 and Spring 2009
- CHED Support for Paper Presentations in International Conferences June 2016
- Research Dissemination Grant, UP OVPA – January 2015; June 2016
- Research Dissemination Grant, UP Diliman Office of the Vice Chancellor for Academic Affairs (OVCAA) – June 2012, January 2015, January 2018

Travel Grant from Economic Society of Singapore to present a paper in the 38th FAEA Conference - November 2013
UH Graduate Student Organization Travel Grant- Fall 2011, Fall 2010, and Spring 2009
East-West Center Conference Travel Grant - Spring 2011 and Spring 2009
SEARCA – Asian Society of Agricultural Economist Travel Grant - Spring 2008

Courses Taught

Ateneo de Manila University

Applied Economics for Managers (Graduate)
Economic Research 1 - Thesis (Undergraduate)
Development Economics (Undergraduate)
Resource and Environmental Economics Policy (Undergraduate)

UP School of Economics

Energy Economics and Policy (Undergraduate)
Resource and Environmental Economics (Graduate and Undergraduate)
Development Economics (Graduate)
Microeconomics (Graduate and Undergraduate)
Introduction to Micro Theory & Policy (Undergraduate)

University of Hawai'i at Mānoa

Resource and Environmental Economics, Spring 2011
Principles of Microeconomics, Summer 2008, 2009, 2010

Student Research Advisees

Lorenzo Barzaga and Roland Szanelle Bassig, "Understanding the Home-Work Nexus: The Case of the Philippines," ADMU Department of Economics Best Undergraduate Thesis 2022
Arianne Gaile Mondejar and Zuriel Benedict Uy, "Power to the People: Electricity Access and its Effect on Education," ADMU Department of Economics 2nd Place Best Undergraduate Thesis 2022
Samantha Gabrielle R. Patricio and Maria Lourdes Adriana C. Torres, "Lights Out, Doctors In: Multidimensional Energy Poverty and Health Poverty in the Philippines," ADMU Department of Economics Best Undergraduate Thesis 2021
Luigi Raphael Chu and Abigail Kirsten Lee, "The Effect of Gender Inequality on Wage Discrepancy in the Philippine Labor Market," ADMU Department of Economics Best Undergraduate Thesis 2020.
Frank Adusah-Poku, Graduate School of Economics, Kobe University – served as external reviewer for his dissertation, "Three Essays on Household Energy Use in Ghana" in 2019.
Vanessa Mae Pepino, UPSE, MDE Thesis on "Does Quality of Electricity Matter? Household-level Evidence from the Philippines." 2018
Donna Faye Bajaro, UPSE, MA Thesis on "The Quality of Electricity Supply from Electric Cooperatives in the Philippines: Household- and Firm-Level Evidence." 2018.
Joshua Antony Gapay, UPSE, MA Thesis on "Factors Affecting the Performance of Electric Cooperatives in the Philippines." 2018.
Mishael Joy Barrera, UPSE, MA Thesis on "Powering Tourism: Wind Energy and Its Impact to Rural Tourism in Ilocos Norte." 2017.
Francesca Isabella Alba and Ana Regina Buban , UPSE, BS Economics. "Contraceptive Access and Use and the Effect on Birth Rate and Child Well-being." 2017. Won the Sicat Best Thesis Award.

Miah Maye Pormon, UPSE, MA Thesis on "Welfare Effects of Electricity Shortage: The Case of the Philippines." 2016.

Professional Societies

Philippine Economic Society (PES), President (2018), Vice President (2017), Secretary (2014-2016), Board Member (2019 - present); Lifetime member
Federation of ASEAN Economic Associations (FAEA), member 2014-present
East-West Center Alumni Association, Philippines Chapter, Member since 2012; Board Member 2016- 2022; Treasurer 2023 – present
East-Asian Economic Association, Member since 2023
Outstanding Young Scientist Inc, Member since 2016
Philippine-American Academy of Science and Engineering (PAASE), Associate Member since 2018
European Association of Environmental and Resource Economist, Member 2016-2019
Western Economic Association International (WEAI), Member 2009-2019

Coordinated and organized efforts for the following workshops and conferences

- Program Chair, Federation of ASEAN Economic Associations (FAEA) Conference 2018 on Growing ASEAN: Cooperation and Competition Amidst Disruption, Nov 9-10, 2018, Novotel Hotel, Cubao.
- Program Chair, Philippine Economic Society Annual Meeting and Conference 2017 on "Growing Amidst Risk and Uncertainty," Nov 8, 2017, Novotel Hotel, Cubao, Quezon City.
- Program Chair, East-West Center Alumni Association – Phils Chapter Regional Conference on "The Fil-Am Ties that Bind: Business and Investment Opportunities Amidst the Changing Climate," MMSU and Provincial Office of the Governor, Oct 24, 2017
- Lead Advisor and Chair of the Program Committee, Energy Policy and Development Program 2016 Conference, Makati City, January 12-13, 2016
- Lead Coordinator of NEDA-PCED-UPSE Social Protection Forum, April 15, 2013, Manila
- Lead coordinator of the conference on "Risk, Resources, Governance and Development: Foundations of Public Policy," Dec. 7-8, 2012, Honolulu, Hawaii
- Lead coordinator of SEARCA-UH-EWC-IFPRI Workshop on "Sustainability Science for Food, Forest, and Floods: Integrating Climate Adaptation and Pro-Poor Resource Management," May 27-28, 2010, Honolulu, Hawaii
- Organized session on "Poverty, Agriculture, and the Environment" at Western Economic Association International (WEAI) 8th Biennial Pacific Rim Conference on March 24-27, 2009 in Kyoto, Japan
- SEARCA-UH-EWC International Conference on "Sustainability Science for Watershed Landscapes," November 13-14, 2007, Honolulu, Hawai'i
- SEARCA-MAFF Cambodia Policy Roundtable on "Shoring and Sharing Capacities to Improve Agriculture and its Competitiveness in Transition Southeast Asia," April 24-25, 2006, Siem Reap, Cambodia
- SEARCA International Conference on "Agriculture and Rural Development in Asia: Ideas, Paradigms, and Policies Three Decades After," November 10-11, 2005, Makati City, Philippines
- SEARCA-TROPMED Regional Consultative Workshop on "Emerging Issues and Policy Responses on Food Safety," October 27-28, 2005, Bangkok, Thailand
- FAO RAP-SEARCA Policy Roundtable on "Building Capacities of Transition Countries," August 3-4, 2005, Ortigas City, Philippines

- SEARCA 4th JD Drilon Agriculture Development Seminar Series, June 14, 2004, Laguna, Philippines
- FAO RAP-SEARCA-Myanmar's MAI Policy Roundtable on "Strengthening Agricultural Competitiveness: Exchange of Experiences and Lessons among Transition Countries (CLMV)," August 6-7, 2004 Yangon, Myanmar
- FAO-SEARCA Regional Workshop on "Policy Issues and Investment Options to Avert Hunger and Food Insecurity in Asia," March 24-26, 2004, Cha-am, Thailand
- PIDS-BAR Agricultural Policy Fora", a discussion series that aims to promote agricultural policy discussions

Conference, Workshop, and Seminar Presentations

International

The 18th East-Asian Economic Association International Conference, "Structure, Conduct and Performance of Competition Agencies," 21 Oct 2023, Seoul, Korea.

Energy Efficiency Policy Workshop | APEC PEER REVIEW ON ENERGY EFFICIENCY (PREE) PHASE 12 (EWG 03 2022A), "The Role of Energy Efficiency in Transition to Cleaner Energy: A Developing Country Perspective", 16 Oct 2023, Makati City, Philippines

Indo-Pacific Seminar on "Energy Transition from a Developing Country Perspective: The Case of the Philippines." East-West Center Washington DC, 15 June 2023,

<https://www.eastwestcenter.org/events/energy-transition-developing-country-perspective-case-philippines>

Seminar on "Energy Transition from a Developing Country Perspective: The Case of the Philippines." New Jersey Institute of Technology, 15 May 2023,

https://www.linkedin.com/posts/majahravago_energytransition-activity-7062758689958481921-TbRX?utm_source=share&utm_medium=member_desktop

Workshop on Designing Competition Policy for Economic Development in Asia, Asian Development Bank, 23-24 March 2023 in Ortigas

Conference on Designing Competition Policy for Economic Development in Asia, Asian Development Bank Institute, 17-18 November 2022 in Tokyo, Japan

<https://www.adb.org/node/840826>

Workshop on "Environment and Energy Issues in the Asia and the Pacific Region" for the Special Issue of Japan & the World Economy, Sep 21-22, 2022, via Zoom.

Guest Lecturer on the Economics of Disaster: Macro-Meso-Micro, Department of Economics, Faculty of Economics and Business, Universitas Airlangga (Indonesia), 14 December 2021,

<https://ie.feb.unair.ac.id/>.

International Economic Association Online World Congress, Session on Renewable Energy and Natural Resources, July 6, 2021, <https://youtu.be/Batsz4peD7A?t=461>

44th Federation of ASEAN Economic Association, Singapore, November 20-30, 2019

Seminar Lecture at Research Institute for Future Design, Kochi University of Technology, Japan, July 30, 2019

24th Annual Conference of the European Association of Environmental and Resource Economists (EAERE) in Manchester, UK, June 26-29, 2019.

Rokko Environmental Economics and Policy Seminar (REEPS), Kobe University, Japan, March 27, 2019

15th International Conference of Western Economic Association International in Keio University, Tokyo, Japan, March 21-24, 2019

Federation of ASEAN Economic Associations (FAEA) Conference 2018 on Growing ASEAN: Cooperation and Competition Amidst Disruption, Nov 9-10, 2018, Novotel Hotel, Cubao.

Conference on Smallholders and Poverty Alleviation in the Asia-Pacific Region by IIAD, CAS, and IFPRI, Beijing, China, October 30-31, 2018

Research Institute for Environmental Economics and Management (RIEEM) Workshop on "Energy Conservation "Nudges": Evidence from a Randomized Residential Field Experiment in the Philippines, Waseda University Aug. 6, 2018

Seminar on "Coping with Disasters due to Natural Hazards: Evidence from the Philippines" at the Faculty of Political Science and Economics, Waseda University, July 25, 2018 and at Economics Department, Nihon University, July 26, 2018

14th International Conference of Western Economic Association International in Newcastle, Australia, January 11-14, 2018

23rd Annual Conference of the European Association of Environmental and Resource Economists (EAERE) in Athens, Greece, June 27 – July 1, 2017

79th Asian Society of Agricultural Economists (ASAE) International Conference, Transformation in Agricultural and Food Economy in Asia, January 11-13, 2017, Bangkok, Thailand.

IFPRI-SEARCA Workshop on Agricultural Transformation and Market Integration in the ASEAN Region: Responding to Food Security and Inclusiveness Concerns, October 7-8, 2016, Los Banos, Laguna

22nd Annual Conference of European Association of Environmental and Resource Economist (EAERE), Zurich Switzerland, 22-25 June 2016

East-West Center International Conference, Manila City, January 15-17, 2016

Energy Policy and Development Program 2016 Conference, Makati City, January 12-13, 2016

12th International Conference of the Western Economic Association International at the Nanyang Technological University in Singapore, January 7-10, 2016

90th Annual Conference of the Western Economic Association International, Honolulu, Hawaii, June 28-July 2, 2015

39th Federation of ASEAN Economic Association, Bangkok, Thailand, March 19-21, 2015

11th International Conference of the Western Economic Association International, Museum of New Zealand Te Papa, Tongarewa, January 7-12, 2015

2nd International Conference on Agricultural and Rural Development in Southeast Asia Strengthening Resilience, Equity, and Integration in ASEAN Food and Agriculture Systems, 12–13 November 2014 | Makati Shangri-La, Manila, Philippines

Wholesale Electricity Markets and Renewable Energy Executive Education Course, Energy Institute, University of California, Berkeley, *Pacific Energy Center in San Francisco*. August 20-24, 2014

Workshop Meeting 2nd Edition of the Southeast Asian Agriculture and Development Primer Series Policy Reforms and Institutional Innovations in Agriculture: Experiences, Impacts and Lessons Dusit Thani Manila, Makati City, Philippines 10-11 June 2014

38th Federation of ASEAN Economic Association, Singapore, November 27-29, 2013

1st Author's Workshop Southeast Asian Agriculture and Development Primer (SAADP) Second Series: Philippines, SEARCA, Bangkok, Thailand, February 13-14, 2013

4th Faustmann Symposium, Lapland, Finland, September 9-12, 2012

Applied Microeconomics Workshop, Economics Dept. UHM, Nov. 9, 2011

7th Asian Society of Agricultural Economists Conference, Hanoi, Vietnam, Oct. 13-15, 2011

International Energy Workshop, Stanford University, Palo Alto, CA, July 6-8, 2011 (with J. Roumasset)

Asia Pacific Trade Seminars, Honolulu, June 30 – July 1, 2011

International PhD Workshop in Sustainable Development, Columbia U, New York, May 6-7, 2011

10th Annual EWC International Graduate Student Conference, Honolulu, Feb 17-19, 2011

Heartland Environmental & Res Econ Workshop, Urbana-Champaign, Illinois, Oct 17-18, 2010 (poster)

SEARCA-UH-EWC-IFPRI Workshop on "Sustainability Science for Food, Forest, and Floods: Integrating Climate Adaptation and Pro-Poor Resource Management, Honolulu, May 27-28, 2010

EWC Spring 2010 Jefferson Fellowships, Honolulu, April 21, 2010 (with James Roumasset)

Western Econ Association International 8th Biennial Pacific Rim Conference, Kyoto, Mar 24-27, 2009

8th Annual EWC International Graduate Student Conference, Honolulu, Feb 12-14, 2009

National

"Ensuring Philippines' Effective Transition Towards Variable Renewable Energy Utilization", Stratbase ADR Institute Roundtable Discussion Powering the Future: Accelerating Grid Modernization for Energy Security and Sustainable Development, National, 13 Nov 2023, Makati City, Philippines.

Philippine Economic Society 61st Annual Meeting and Conference, "Structure, Conduct and Performance of Competition Agencies" 7 Nov 2023, Cubao, Philippines.

ECCP - European Chamber of Commerce of the Philippines on Energy Smart Forum, "The Role of Energy in Enhancing Economic Opportunities," 31 August 2023, Dusit Thani, Makati City
https://www.linkedin.com/posts/eccponline_energysmartforum2023-activity-7103254878138896384-5gPf?utm_source=share&utm_medium=member_desktop

Philippine Electric Power Industry Forum, Breakout Session: National Policy Framework to develop the Electric Vehicle Industry in the Philippines, March 21, 2023, Diamond Hotel, Pasay, Philippines
<https://www.facebook.com/photo.php?fbid=631473238994451&set=pb.100063953410708.-2207520000.&type=3>

House of Representatives-ACERD Roundtable Discussion, "Why Electricity Prices Are High in the Philippines?," 7 February 2023. <https://youtu.be/SP1oFfLPDJs>

60th Philippine Economic Society Annual Meeting and Conference 2022 on "From Bouncing Back to Leaping Forward Towards a Future Ready Philippines" Nov 10-11, 2022, Novotel Hotel.
<https://economicsph.org/pes60>

15th National Convention on Statistics (NCS), "Adapting Competition Law and Policy for Economic Development with Asian Illustrations" October 4, 2022, <https://psa.gov.ph/ncs>

Ateneo Department of Economics and ACERD Seminar Series, "Adopting and Adapting Competition Policy: Asian Illustrations," 31 August 2022. <https://youtu.be/OR1ysaceMcI>

UPLB's 3rd Enercon 2022, Session on Energy Economics: Forced Outages, Forward Markets, Natural Gas, and Electric Vehicles, July 28, 2022.

Guest Lecturer on the Economics of Disaster: Macro-Meso-Micro, PSOAC-MCDRM Class Kalasag, Philippine Public Safety College, 19 Jan 2022.

Tenth Anniversary Forum entitled "Arangkada Philippines: Pathways to a Better Future" Panel 5 - Pathways to FDI: Becoming More Competitive (Power Sector) on 7 December 2021
<https://youtu.be/k4TvbDO8bwE?t=23380>

National Research Council of the Philippines (NRCP) Division 1 webinar on "On Research Engagement and Dissemination: The Case of Philippine Electricity Policy (Policy Brief 101)," 24 November 2021. <https://youtu.be/gctzmCqOWrY>

Asia-Pacific Sociological Association (APSA) 2021 Annual Conference on "Solidarity and Collaboration among Sociologists in Asia Pacific: Towards Resilience and Inclusive Development" on November 15-16, 2021.

<https://www.facebook.com/APSA2021/videos/637577410573042> 40:52

59th Philippine Economic Society Annual Meeting and Conference 2020 on "Building Back Better," Session on "Energy Economics" Nov 11-12, 2021, via zoom, <https://www.facebook.com/EcoDeptAteneoLS/videos/236954415109699>

UPV Tacloban College, Webinar of "Powering the Philippine Economy: Energy Economics, Policy, and Outages," 29 September 2021.

NAST 43rd Annual Scientific Meeting (ASM), "COVID-19 Pandemic: Learning from the Past, Coping with the Present, Moving to the Next" on 14 July 2021, via zoom <https://www.facebook.com/nastphl/videos/2067517790086424> 5:08:27

Philippine Agricultural Economics and Development Association (PAEDA) International Conference and National Convention, Session 6: A Conversation on a More Pro-Competition Philippine Agriculture (PCC Session), June 4, 2021 ZOOM, https://www.facebook.com/watch/live/?v=1061074404300426&ref=watch_permalink 16:10.

Researching the Researchers for the 21st Century, 2020 Colloquy Series, 28 November 2020, via UST Cloud Campus.

The Economy and Environment Group Philippines, 1st National Conference, 19-20 November 2020, via zoom.

58th Philippine Economic Society Annual Meeting and Conference 2020 on "Economics of Pandemics," Nov 9-13, 2020, via zoom, https://www.facebook.com/watch/live/?v=937335996675073&ref=watch_permalink

3rd School of Social Sciences Research Conference, 12-16 October 2020, via Webinar Jam <https://event.webinarjam.com/login/yvr66ar7ilvoi8vxh639zuq> .

40th PAASE Annual Scientific Meeting, Outreach to Philippine Regions, 3 Aug 2020, via zoom, <https://www.youtube.com/watch?v=wgbN5ctBZBw>

NAST 42nd Annual Scientific Meeting (ASM) on 17 July 2020, via zoom. https://www.facebook.com/watch/live/?v=740799036705920&ref=watch_permalink

CCARPH Conference on Bridging Science-Policy-Practice Nexus through Transdisciplinary Research and Resilience Innovations, 7 March 2020, ADMU

Special Colloquium on Statistical Sciences, National, 27 Jan 2020, UP Stat Auditorium.

International Rice Research Institute Seminar, "[Engaging Science and Stakeholders](#): The Case of Philippine Electricity Policy, 12 December 2018.

Philippine Institute for Development Studies (PIDS) Public Seminar on "Disaster Risk Reduction in the Philippines: Challenges and Ways Forward", June 20, 2018, PIDS Conference Room, 18th Floor, Three Cyberpod Centris North Tower

NAST Regional Scientific Meeting on "Science and Technology-Enhanced Transformation for Sustainability and Resiliency, April 11-12, 2018, Bacolod City

1st University Research & Innovation Colloquium on "Sabwag: Planting the Seeds of a Vibrant Research Culture in Bicolandia," 26 February 2018, Ateneo de Naga University, Naga City

55th Philippine Economic Society Annual Meeting and Conference 2017 on "Growing Amidst Risk and Uncertainty," Nov 8, 2017, Novotel Hotel, Cubao, Quezon City.

Philippine Economic Society Regional Conference on the "Philippine Economy in the Midst of Economic Integration and Climate Change," UP Visayas, Iloilo City, Sep 22, 2017.

Philippine Electricity Summit, Powering Economic Progress by PEMC, Davao City, Dec 2, 2016

54th Philippine Economic Society Annual Meeting and Conference, Cubao, November 8, 2016

Forum on "Affordable Electricity: A Requisite for Competitiveness" organized by Albert del Rosario Institute (ADRI), Ortigas Center, October 26, 2016

DLSU Undergraduate Colloquium, August 5, 2016, De La Salle Campus in Taft Avenue, Manila

38th Annual Scientific Meeting of National Academy of Science and Technology, Philippines (NAST-PHL), Looking Back and Looking Forward, July 13-14, 2016, Manila Hotel

2015 OVPAA Research Symposium, November 12-13, 2015, Intel Center for Science Innovation (ICSI) Auditorium National Institute of Physics, UP Diliman Campus
53rd Annual Meeting of the Philippine Economic Society, Makati City, November 8, 2015
NAST 4th National Climate Conference on Local Adaptation Actions with Mitigation Co-Benefits, September 23, 2015, Hotel Jen Manila, Roxas Blvd., Pasay City
Policy Forum and Research Symposium on *Climate Change in the Philippines: Scenarios, Policies, and Investments in Agriculture* 18-19 September 2015 EDSA Shangri-La Hotel, Mandaluyong City, Philippines
PES Regional Conference on Economic Welfare in the Midst of Climate Change, Legaspi City, July 30, 2015
UP School of Economics Seminar, Diliman, Q.C., Philippines, Oct 21, 2011, December 12, 2014
SEARCA Conference on Agriculture and Rural Development in Southeast Asia, Nov. 12-13, 2014, Makati
52nd Annual Meeting of the Philippine Economic Society, Makati City, November 14, 2014
2nd Author's Workshop Southeast Asian Agriculture and Development Primer (SAADP) Second Series: Philippines, SEARCA, Makati City, June 10-11, 2014
81st National Research Council of the Philippines Scientific Conference, Manila, March 26-27, 2014
Addressing the Impacts of Climate Change in the Philippine Agriculture Sector: Project Inception Workshop, NEDA-IFPRI, Eastwood Richmonde Hotel, QC January 13- 14, 2014
51st Annual Meeting of the Philippine Economic Society, Makati City, November 15, 2013
Crew Project, Opening Meeting Agenda, Philippine Institute for Development Studies, May 7, 2013
AIM Research Brownbag Series, Makati, Philippines, March 12, 2012
UP School of Economics Seminar, Diliman, Q.C., Philippines, Oct 21, 2011
SEARCA Agriculture and Development Seminar Series, Los Baños, Laguna, Jan. 4, 2011
6th Asian Society of Agricultural Economist Conference, Makati City, Philippines, Aug 28-30, 2008

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