

Dennis Sioson Mapa, Ph.D.

Professor, UP School of Statistics

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Education

- Doctor of Philosophy in Economics, School of Economics, University of the Philippines, Diliman, Quezon City, 2008
Dissertation – “Essays on the Population-Economy-Poverty Nexus: Evidence on the Philippines
Dissertation Supervisor: DR. ARSENIO M. BALISACAN
- Master of Science in Statistics, School of Statistics, University of the Philippines, Diliman, Quezon City, 2004
- Master of Arts in Economics, School of Economic, University of the Philippines, Diliman, Quezon City, 2002
- Bachelor of Science in Statistics, The Statistical Center, University of the Philippines, Diliman, Quezon City, 1990

Research Interest

Econometric Analysis, Financial Time Series Analysis, Empirical Economic Growth Analysis and Poverty and Hunger Analysis, Impact Evaluation

Work Experiences

Academic Institutions

October 2014 - present

- Dean and Professor, School of Statistics , University of the Philippines, Diliman, Quezon City
- Member of the Governing Board, Philippine Statistics Authority (PSA)
- Executive Director, University of the Philippines Statistical Center, Research Foundation, Inc.
- Member of the Governing Board

Philippine Statistical Research and Training Institute (PSRTI)

- President, Philippine Statistical Association, Inc.

Affiliate Professor, School of Economics, University of the Philippines, Diliman

April 2008 – Sept 2014

- Associate Professor (since 2008) and Director for Research (since 2005), School of Statistics, University of the Philippines, Diliman, Quezon City
- Affiliate Associate Professor, School of Economics, University of the Philippines, Diliman, Quezon City

June 2004 – April 2008

- Assistant Professor, School of Statistics, University of the Philippines, Diliman, Quezon City

June 1998 – June 2004

- Instructor of Statistics, School of Statistics, University of the Philippines, Diliman, Quezon City

June 1992 – May 1995

- Instructor of Statistics, The Statistical Center (now School of Statistics), University of the Philippines, Diliman, Quezon City

June 1990 – May 1992

- Instructor of Statistics and Mathematics, University of Negros Occidental – Recoletos, Bacolod City

Publication

Book Chapters

- Mapa, Dennis S., Fatima C. Han and Kristine Claire O. Estrada (2013), "Hunger Incidence in the Philippines: Facts, Determinants and Challenges" in Mercedes B. Concepcion (editor) Millennium Development Goals and Beyond: Are We Making Progress? The National Academy of Science and Technology (NAST) Monograph Series Number 19, Volume II, pp.55-76.
- Balisacan, Arsenio M., Sharon Piza, Dennis S. Mapa. Carlos Abad Santos and Donna Mae Odra (2010), "Social Impact of the Global Financial Crisis in the Philippines" Asian Development Bank.

- Mapa, Dennis S., Arsenio M. Balisacan and Kristine Joy S. Briones (2008), "Robust Determinants of Income Growth in the Philippines." in Joseph J. Capuno and Aniceto C. Orbeta (editors), Human Capital and Development in the Philippines. Philippines Institute for Development Studies (PIDS), Makati City.
- Mapa, Dennis S. and Arsenio M. Balisacan, (2004), "Quantifying the Impact of Population on Economic Growth and Poverty: The Philippines in an East Asian Context." In Sevilla, L.A. (editor), Population and Development in the Philippines: The Ties That Bind. AIM Policy Center, Makati City.

Journal Articles

- Eustaquio, John D., Dennis S. Mapa, Miguel C. Mindanao and Nino I. Paz (2015), "Forecasting Time-Varying Correlation using the DCC Model" The Philippine Statistician, Volume 64, Number 1, pp.53-74.
- Cayton, Peter Julian A. and Dennis S. Mapa (2015), "Time-Varying Conditional Johnson Su Density in Value-at-Risk (VAR) Methodology" The Philippine Review of Economics, Volume 52. No.1 pp. 23-44, June 2015
- Albis, Manuel Leonard F. and Dennis S. Mapa (2016), "Bayesian Averaging of Classical Estimates in Asymmetric Vector Autoregressive Models." (Forthcoming 2015) Communications in Statistics: Simulation and Computation.
- Franco, Ray John Gabriel and Dennis S. Mapa (2014), "Analyzing the Dynamics of GDP Growth: A Mixed Frequency Model Approach." Theoretical and Practical Research in Economic Fields, Volume V, Winter, 2(10), pp. 117-141.
- Orpia, Cherie B., Dennis S. Mapa and Julius C. Orpia (2014), "Time Series Analysis using Vector AutoRegressive Models of Wind Speeds in Bangui Bay and Selected Weather Variables in Laoag City." Journal of Environmental Management and Tourism (JEMT), Volume V, Summer, Issue 1(9), pp.54-65.
- Mapa, Dennis S., Lisa Grace S. Bersales, Manuel Leonard F. Albis and John Carlo Daquis (forthcoming, 2015), "Determinants of Poverty in Elderly-Headed Households in the Philippines." The Philippine Population Review (PPR), December 2014.
- Mapa, Dennis S., Michael Daniel C. Lucagbo, Arsenio M. Balisacan, Jose Rowell T. Corpuz and Czarina Lei S. Ignacio (forthcoming 2015), "Is Income Growth Enough to

Reduce Total Fertility Rate in the Philippines? Empirical Evidence from Regional Panel Data." *The Philippine Statistician*, December 2014

- Cruz, Christopher F. and Dennis S. Mapa (2013), "An Early Warning System for Inflation in the Philippines Using Markov-Switching and Logistic Regression Models." *Theoretical and Practical Research in Economic Fields*, (Volume IV, Winter), 2(8):137-152.
- Mapa, Dennis S., Michael Daniel C. Lucagbo and Heavenly Joy P. Garcia (2012), "The Link between Agricultural Output and the States of Poverty in the Philippines: Evidence from Self-Rated Poverty Data." *The Philippine Review of Economics (PRE)*, December 2012.
- Mapa, Dennis S., Fatima C. Han and Kristine Claire O. Estrada (2011), "Food Inflation, Underemployment and Hunger Incidence: A Vector Autoregressive (VAR) Analysis." *The Philippine Statistician*, Volume 60, pp. 43 – 62, September 2011.
- Mapa, Dennis S., Monica Flerida B. Sandoval and David Joseph Emmanuel B. Yap II (2010), "Investigating the Presence of Regional Economic Growth Convergence in the Philippines using Kalman Filter." *Philippine Journal of Development (PJD)*, pp. 1-20, Volume 37, No. 2, December 2010.
- Santos, Edward P., Dennis S. Mapa and Eloisa T. Glindro (2010), "Estimating Inflation-at-Risk (IaR) using Extreme Value Theory (EVT)." *The Philippine Review of Economics*, Vol. XLVII, No.2, pp. 21-40' December 2010.
- Cayton, Peter Julian A., Dennis S. Mapa and Mary Therese A. Lising (2010), "Estimating Value-at-Risk (VaR) using TiVEx-POT Models." *Journal of Advanced Studies in Finance*, Vol.1 Issue 2(2), Winter 2010, pp. 152-170.
- Balisacan, Arsenio M., Sharon Piza, Dennis Mapa, Carlos Abad Santos, and Donna Odra (2010), "The Philippine Economy and Poverty During the Global Economic Crisis" *The Philippine Review of Economics*, Vol. XLVII, No.1, June 2010, pp.1-37.
- Gochoco-Bautista, Maria Socorro and Dennis S. Mapa (2010), "The Linkage between Trade and Financial Integration and Output Volatility in East Asia." *Asian Economic Journal* Vol. 24 No. 1, pp. 1-23, March 2010.

- Mapa, Dennis S. and Kristine Joy S. Briones (2009), "Population Dynamics and Elderly Saving: An Econometric Analysis." Transactions of the National Academy of Science and Technology (NAST), Vol. 31, No.2, pp.183-196, December 2009.
- Suaiso, Jose Oliver Q. and Dennis S. Mapa (2009). "Measuring Market Risk Using Extreme Value Theory (EVT)." Philippine Review of Economics, Vol. XLVI, No. 2, December 2009, pp. 91-121.
- Mapa, Dennis S. and Lisa Grace S. Bersales (2008), "Population Dynamics and Household Saving: Evidence from the Philippines." The Philippine Statistician, Vol .57, Nos. 1-4, pp. 1-27.
- Beronilla, Nikkin L. and Dennis S. Mapa. (2008), "Range-Based Models in Estimating Value-at-Risk (VaR)." The Philippine Review of Economics, Volume XLV, No.2, pp. 87-100.
- Mapa, Dennis S. and Kristine Joy S. Briones, (2007), "Robustness Procedures in Economic Growth Regression Models." The Philippine Review of Economics, Vol. XLIV (2), pp. 71-84.
- Mapa, Dennis S., Arsenio M. Balisacan, Kristine Joy S. Briones (2006), "Robust Determinants of Income Growth in the Philippines." Philippine Journal of Development (PJD), Volume XXXIII, Nos. 1-2, pp. 1-32.
- Mapa, Dennis S. and Kristine Joy S. Briones. (2006), "Measuring the Common Component of Stock Market Fluctuations in the Asia-Pacific Region." The Philippine Statistician, Vol. 55, Nos. 1 and 2, pp.103-117.
- Mapa, Dennis S. (2004), "A Forecast Comparison of Financial Volatility Models: GARCH (1,1) is not Enough." The Philippine Statistician, Vol. 53, Nos.1-4, pp.1-10.
- Mapa, Dennis S. (2003), "A Range-Based GARCH Model for Forecasting Financial Volatility." The Philippine Review of Economics, Volume XL, No. 2, pp. 73-90.
- De Guzman, A., Supe, A. Mapa. Dennis S. , De Leon, A. and Abanilla, J. (1992) "Statistical Science and the Environment." The Philippine Statistician, Vol.42, pp. 1 – 8.

Academic Awards/Honors

- 2015 SEARCA Regional Professorial Chair Holder
- University of the Philippines Scientist 1 (2012-2014)

- 2008 Outstanding Young Scientist (OYS) Award in the Field of Economics from the National Academy of Science and Technology (NAST), July 10, 2008, The Manila Hotel.
- Recipient, 2011 University of the Philippines Centennial Professorial Chair
- Recipient, 2010 University of the Philippines Centennial Faculty Grant
- Recipient, 2009 University of the Philippines Centennial Faculty Grant
- 2011 National Academy of Science and Technology (NAST) Outstanding Scientific Publication Award for the paper "Measuring Market Risk using Extreme Value Theory (EVT)." July 14, 2011, The Manila Hotel. (Appeared in The Philippine Review of Economics, Vol. 47, pp. 91-121, 2009)
- 2011 National Academy of Science and Technology (NAST) Best Scientific Poster Award "Agricultural Output and the States of Poverty in the Philippines: Evidence from Self-Rated Poverty Data." July 14, 2011, The Manila Hotel."
- 2010 National Academy of Science and Technology (NAST) Outstanding Scientific Publication Award for the paper "Population Dynamics and Household Saving: Evidence from the Philippines." July 15, 2010, The Manila Hotel." (Appeared in The Philippine Statistician, Vol. 57, pp. 1-27, 2008)
- 2010 Best Scientific Poster Award for the paper "Is Income Growth Enough to Reduce Fertility Rate? Empirical Evidence from Regional Panel Data." from the National Academy of Science and Technology (NAST), July 15, 2010, The Manila Hotel.
- 2009 Best Scientific Poster Award for the paper "The Young, the Elderly and Household Saving: Evidence from the Philippines," from the National Academy of Science and Technology (NAST), July 09, 2009, The Manila Hotel.
- 2007 National Academy of Science and Technology (NAST) Outstanding Scientific Publication Award in Economics for the paper "A Range-Based GARCH Model for Forecasting Financial Volatility., July 12, 2007, The Manila Hotel." (Appeared in The Philippine Review of Economics)
- 2005 Outstanding Thesis in Advanced Science and Technology from the Department of Science and Technology (DOST) – Philippine Council for Advanced Science and Technology Research and Development (PCASTRD) for the M.S. Statistics Thesis entitled "Generalized AutoRegressive Conditional Heteroskedasticity Parkison Range (GARCH-PARK-R) Model", December 09, 2005, PHILVOCS, UP Diliman.

- Best Graduate Student Paper at the 9th National Convention on Statistics (NCS) for the paper entitled "A Forecast Comparison of Financial Volatility Models: GARCH (1,1) is not Enough." The said paper was presented at the 9th NCS at Shangrila EDSA Hotel on October 5, 2004.
- 5th Place, Best Paper Presenter for the paper "Quantifying the Impact of Population on Economic Growth and Poverty: The Philippines in an East Asian Context." The said paper was presented at the 5th Association of Pacific Rim Universities (APRU) Doctoral Students Conference held at the University of Sydney in Australia last August 9 to 13, 2004. There were about 180 papers submitted to the conference from 16 countries.
- 3rd Place, Best Paper Category, 6th Student-Faculty Conference on the Statistical Sciences for the paper "An Exploration of Household Structures and Government Program Awareness as Determinants of Child Labor Incidence" held last September 24, 2005 at the University of the Philippines, Los Banos, Laguna (with April Joy Cabansag, John Carlo Daquis, Queena Jove Luzadio, Paul Mariano, and Lady Marielle Samson)

Fellowships

- Research Fellow, Social Weather Stations (SWS), #52 Malingap Street Sikatuna Village, Quezon City, May, 2012.
- Visiting Research Fellow, International Centre for the Study of East Asian Development (ICSEAD), Kitakyushu, Japan, 2006.
- Teaching Fellow, School of Economics, University of the Philippines, Diliman, Quezon City, 2002.
- Philippine Center for Economic Development (PCED) Fellow, School of Economics, University of the Philippines – Diliman, 2002
- Dr. Gerardo P. Sicat Fellow for Ph. D. in Economics, School of Economics, University of the Philippines–Diliman, 2001 to 2002.
- Commission on Higher Education (CHED) Fellow for M.A. in Economics, School of Economics, University of the Philippines – Diliman, 2000-2001
- Recipient, The State Scholarship Award for B.S. (Statistics), Department of Education, Culture and Sports, Republic of the Philippines (1986-1990)

Research Initiatives/Consulting Work

Related to Poverty Studies and Targeting

- Poverty Targeting Specialist, National Household Targeting Office (NHTO), Department of Social Welfare and Development (DSWD), June to December 2015.
- Econometrician – Demographic Sweet Spot and Demographic Dividend in the Philippines, United Nations Population Development Fund (UNFPA), October 2014 to September 2015.
- Consultant/Poverty Specialist, World Bank Office Manila under UPI No. 471130, PO No. 7856064, June to December 2014.
- Resources Person/Econometrician – Support for Social Protection Reform (Analysis of Near Poor Challenge and Strategy Development Ideas), Asian Development Bank (ADB), TA-7733, March to June, 2014.
- Consultant (Poverty Targeting Specialist), National Household Targeting System for Poverty Reduction (NHTS-PR), Social Welfare and Development Reform Project, Department of Social Work and Development (DSWD), August 2012 to December 2013.
- Consultant, Harmonizing Approaches on Population, Poverty Reduction and Environment in the Philippines, Research Project for the National Anti-Poverty Commission (NAPC), October to December 2011.
- Consultant - Addressing Infrastructure Constraints to the Development of the Rural Nonfarm Sector Implications for Poverty and Rural Development. A research project for the World Bank Philippines, April 2010 – September 2011.

Other Consulting Work

- Econometrician/Statistician – Social Protection (SP) Survey, University of the Philippines School of Economics (UPSE) and Philippine Center for Economic and Development (PCED), Nationwide Survey covering 50 provinces with 3200 respondents, October 2013- March 2015.
- Econometrician – Impact Evaluation of the Search for Outstanding Teachers (SOT), Metrobank Foundation, Inc., February 2014 – March 2015.

- Consultant/Econometrician, Development of a Macroeconomic Model for the Philippines, Asian Development Bank (ADB) TA-7806, August 2013 – November 2014.
- Project Leader, Credit Demand Survey of Philippine Households, Radiowealth Finance Company (RFC), Inc., survey of households in 6 provinces with 2400 respondents, June 2013- March 2014.
- Consultant/Econometrician, Development of a Macro-Econometric Model for Bhutan, Asian Development Bank (ADB), TA-7638, May 2013 to December 2013.
- Consultant, Special Study on the Impact Evaluation of the Secondary National Roads Development Project (SNRDP), Millennium Challenge Account – Philippines, January to November, 2013.
- Consultant (Econometrician/Quantitative Method Expert), Understanding the State of the Art of ICT4E in the Philippines, a USAID-funded project for the Department of Education (Deped), June to October 2012.
- Consultant (Econometrician) - Critical Constraints to Agricultural Productivity in Asia and the Pacific, Asian Development Bank (ADB), December 2011.
- Consultant – Impact Assessment of the Busog, Lusog, Talino (BLT) Program of the Jollibee Foundation, Inc., August 2011 – June 2012.
- Consultant - Inclusive Agribusiness Growth in the Philippines: The Role of Direct and Indirect Channels with Focus on the Labor Market. A research project for the World Bank Philippines, September 2010 – September 2011.
- Consultant/Project Leader – Project Assessment and Monitoring of the Proficient Measures for Quality Education (PMQE) for 2008, a research project for the Knowledge Channel Foundation, Inc. and the Philip Morris Philippines, August 2010 – August 2012.
- Consultant/Project Leader – Perception Survey among Filipino Adults on the Philippines-Australia Relations, a research project for the Australian Embassy, Manila, August 2010 – March 2011.
- Project Leader - Can Population Management be Mainstreamed in the Philippine Development Agenda? A Research Project for the Philippine Center for Population and Development (PCPD), December 2009 – January 2012.

- Consultant/Subject Matter Expert – Data Extraction, Warehousing and Analytics System (DEWAS) Project, Department of Finance (DOF) and SAS Institute (Philippines), Inc. The consultant is tasked to build econometric models for forecasting and policy simulation the three departments, namely: International Finance Group (IFG), the Research and Information Office (RIO) and the Fiscal Planning and Policy Office (FPPO), October 2009 – March 2010.
- Resource Person in Statistics and Econometrics – Bangko Sentral ng Pilipinas (BSP). Conducts regular training/seminar in the areas of Econometric and Time Series Analysis to the Technical Staff of the Center for Monetary and Financial Policy (CMFC), Department of Economic Research (DER), Department of Economic Statistics (DES), Treasury Department (TD), International Department (ID), Supervisory Report and Studies Office (SRSO) and the Supervision and Examination Sector (SES), July 2003 - present.
- Project Director – Post Monitoring Assessment Study of the 2007 Proficient Measures for Quality Education (PMQE), a research project of the Knowledge Channel Foundation, Inc. and the Philip Morris Philippines, December 2009.
- Project Director - Proficient Measures for Quality Education (PMQE), a research project of the Knowledge Channel Foundation, Inc. and Philip Morris Philippines, September 2009
- Project Director - Outcome Assessment Study of Knowledge Channel's Television Education for the Advancement of Muslim Mindanao (TEAM-M) Project. A research project for the United States Agency for International Development (USAID), March 2008
- Project Director – Evaluation of the Impact of Presence of Knowledge Channel on Students' Perception and Performance in Selected Schools Supported by the British Embassy. A Research Project for the Knowledge Channel Foundation, Inc. and the British Embassy-Manila, July 2007.
- Project Director – Impact Evaluation Study for Knowledge Channel. A Research Project for the Knowledge Channel Foundation, Inc. and First Gen Philippines, November 2007.

- Research Consultant – Small Farms Research Survey. A Study conducted by the Centro Saka, Inc. (CSI), PSSC Bldg., August 2006 to present.
- Senior Associate – Technical Assessment of Saving Patterns and Behavior in the Philippines. A study for the Central Bank of the Philippines funded through the Economic Modernization Through Efficient Reforms and Governance Enhancement (EMERGE) Project of the USAID. March 2006 to July 31, 2006.
- Project Director – The Population-Growth-Poverty Nexus in the Philippines. A Research Study on the Dynamics of Population Growth on Economic Growth and Poverty using Philippine Data from 1980 to 2000. This study was undertaken by the Asia Pacific Policy Center (APPC), School of Economics, University of the Philippines, Diliman, Quezon City for the Philippine Center for Population and Development. April 2005 – July 2006.
- Resource Person in Econometrics – Training in Enhancing the Capacity of Government and CSOs in Assessing Development Programs' Impacts on Poverty Toward Effective Policy Making and Good Governance, a joint project of the United Nations Development Program (UNDP), The National Anti-Poverty Commission (NAPC) and the Southeast Asian Regional Center for Graduate Study and Research in Agriculture (SEARCA), September 12 to 23, 2005 at SEARCA Headquarters in Los Banos, Laguna.
- Research Associate – A Study of Quantitative Measures of Integration in East Asia (Principal Researcher: Dr. Maria Socorro Gochoco-Bautista). A study commissioned by the Asian Development Bank (ADB). December 2004 to April 2005.
- Project Director – Benchmarking Corporate Citizenship: Stakeholders Component. A Research Study on Corporate Social Responsibilities (CSR) conducted for the Philippine Business for Social Progress (PBSP), January 2005 – August 2006.
- Consultant – Crown Asia Properties, Inc., 27th Floor Jollibee Plaza Building, Ortigas Complex, Pasig City, May 2005 to May 2006.
- Consultant – Household Development Corporation (Camella Homes) STARMALL Complex, EDSA corner SHAW Blvd., Mandaluyong City, June 2005 to May 2006.
- Consultant/Project Director – Feasibility Study of a Fish-Farm Estate in Marilao, Bulacan. A Market Research study conducted for One Asia Development Corporation (OADC), January to April, 2005.

- Assistant Training Director/Resource Person – Training of Trainers in Assessing Development Projects' Impact on Poverty. A Training Program conducted for the Southeast Asian Regional Center for Graduate Study and Research in Agriculture (SEARCA), September 6 to 17, 2004 at SEARCA Headquarters in Los Banos, Laguna.
- Senior Research Associate – The Population-Growth-Poverty Nexus: A Study on the Dynamics of Population on Economic Growth. Asia Pacific Policy Center (APPC), School of Economics University of the Philippines – Diliman, October 2002 to April 2004.
- Project Director – Retail Market Assessment Study of San Pablo City: A Market Research Project conducted for the Mart One Discount Store, August 2003 – March 2004.
- Consultant – Feasibility Study for a 750-Hectare Property of APO Estates in Tagum City, Davao Oriental, The ENVIRONS System Group, Inc. – Lead Group, February – June 2003.
- Project Director – Benchmarking Corporate Citizenship: A study conducted for the Philippine Business for Social Progress (PBSP), April 2002 – May 2003.
- Project Director - Corporate Response to Urban Poverty Study: A study conducted for the Philippine Business for Social Progress (PBSP), August 2001 – February 2002.
- Project Director – Market Feasibility Study of a Sports Club in Binan, Laguna: A project conducted for One Asia Development Corporation., November 2000 – March 2001.
- Consultant – Small Farms Survey: A Nationwide Survey of Small Farms conducted by the Philippine Peasant Institute (PPI), November 2000 – June 2001.
- Consultant – HR Department, ABS – CBN November 2000 – February 2001
- Consultant – Department of Internal Medicine, Cardinal Santos Medical Center, April 2000 to September 2001
- Consultant - Marketing Management Plan for Villa Corazon, A project conducted by Terra Philippines Corp. for Rufcor, Inc., February to April 2000
- Consultant – Market Feasibility Study for a 13.3 Hectare Property Intended for Middle Income Housing (now BF Pilar – Southville), A project conducted by Terra Philippines

for Pilar Development Corp., a subsidiary of BF Homes, Inc. , November 1999 to January 2000

- Consultant – Department of Dermatology and Department of Pediatrics, East Avenue Medical Center, August to December 1999
- Consultant – Business Plan/Investment Proposal for the Construction of a Hotel and Office Plaza in Cagayan De Oro City, A project conducted by Terra Philippines Corp. for Limketkai Sons, Inc., August to October 1999
- Consultant - Development Strategic Planning for Calapan City and Puerto Galera Properties, A project conducted by Terra Philippines Corp. for the Jolliville Group of Companies, May to July 1999
- Research/Survey Consultant – Financial Demand Survey of Small and Medium Enterprises (SME), A project conducted by the Center for Research and Communications for the Overseas Economic and Cooperation Fund (OECF), July to September 1994
- Research/Survey Consultant – Foreign Direct Investment (FDI) Survey, A project conducted by the Center for Research and Communications for the Philippine Government with funding from the United States Agency for International Development (USAID), March 1993 to July 1993
- Researcher – Assessment of Environmental Statistics in the Philippines, A project funded by the National Research Council of the Philippines, May 1993 to April 1994
- Researcher – People’s Participation in Governance, A project funded by the United Nation’s Development Program (UNDP), March to June 1993
- Consultant – The Sustainable Management of Agricultural Land and Forest In The Cordillera, A project conducted by the Cordillera Studies Center funded by the United States Agency for International Development, March 1993
- Project Coordinator – Child Labor Survey in the Southern Negros, A project conducted by the University of Negros Occidental-Recoletos funded by the United Nations International Children’s Emergency Fund (UNICEF), July to October 1990