

ERWIN ESPIRITU TORRES

Assistant Professor

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EDUCATION

Master of Environment and Natural Resources Management, *candidate*
Diploma in Environment and Natural Resources Management, *graduated 2016*
Major in Upland Resources Management
University of the Philippines Open University

Master in Economics, *Outstanding Graduate*
Bicol University (June 2010 to March 2012)

Bachelor of Science in Agricultural Economics, *cum laude*
Major in Agricultural Finance and Cooperatives
University of the Philippines Los Baños (June 2005 to April 2009)

NON-DEGREE SCHOLARSHIPS RECEIVED

Sponsor	Program	Duration
DOST Philippine Council for Industry, Energy and Emerging Technology Research and Development (PCIEERD)	Smarter Philippines through Data Analytics R&D, Training and Adoption (SPARTA). Using Coursebank.ph platform. Completed the following: (1) Getting Grounded on Analytics (2) Essential Excel Skills for Data Preparation and Analysis	January 2020 - present
DOST Philippine Council for Industry, Energy and Emerging Technology Research and Development (PCIEERD)	Data, Connectivity and Intelligence: Data Science Track. Johns Hopkins University on Coursera. Completed the following: (1) Data Scientist's Toolpack (2) R Programming (3) Getting and Cleaning Data (4) Exploratory Data Analysis (5) Inferential Statistics (6) Regression Models (7) Machine Learning.	November 2017 - December 2018
Philippine Institute for Development Studies (PIDS) and International Initiative for Impact Evaluation (3IE)	Technical Course on Impact Evaluation. Philippine Institute for Development Studies. 18th Floor, Three Cyberpod Centris - North Tower, EDSA cor. Quezon Avenue, Quezon City.	January 4 - 15, 2016

TEACHING ASSIGNMENTS

Academic Unit	Courses
BU Graduate School	Statistical methods, econometrics, advanced biostatistics, research methods, and ecological and environmental economics
BU College of Business, Economics and Management	Econometrics, agricultural economics, basic economics, methods of research, business statistics, and calculus.

ADMINISTRATIVE DESIGNATIONS

Designation	Office	Duration
Director	BU Center for Policy Studies and Development	April 2017 – August 2020
Director	BU Planning and Development Office	June 2018 – December 2019
Officer-in-charge	BU Planning and Management Office	May 2016 – November 2016

RESEARCH TRACK RECORD

Title	Role	Duration	Funding Agency
Impact Assessment of the Program on Enhancing Research Utilization for Sweet Potato Livelihood Development in Disaster-prone Communities in Tarlac and Albay	Project Staff	August 2019 – November 2020	DOST Philippine Council for Agriculture, Aquatic and Natural Resources Research and Development (PCAARRD)
2019 Citizen Satisfaction Index System in Polangui, Albay	Project Manager	June – December 2019	Department of the Interior and Local Government (DILG)
Participatory Resource and Socioeconomic Assessment of Albay, Asid, and Ragay Gulfs (Socio-economic assessment study)	Project Leader	January - September 2019	Int'l Fund for Agricultural Dev't and BFAR
LGU Readiness to Institutionalize Community-driven Development: An Assessment; Factors affecting timely completion of sub-projects in Region V; and From CVs to Elected Officials: factors influencing CVs motivation to seek elective position in local government.	Project Leader	January to May 2019	Department of Social Welfare and Development (DSWD) KALAHI-CIDDS
Client Satisfaction of Mayon Cement in Camarines Sur	Project Leader	January to February 2018	Goodfound Cement Corporation
2018 Farmers' Satisfaction Survey	Project Leader	December 2018 to January 2019	National Irrigation Administration V

Title	Role	Duration	Funding Agency
Client Satisfaction of Mayon Cement in Albay	S&T Consultant	June 2018	Goodfound Cement Corporation
2018 Citizen Satisfaction Index System in Juban, Sorsogon	Project Manager	May 2018 to October 2018	DILG
2017 Farmers' Satisfaction Survey	Project Leader	December 2017 to March 2018	NIA V
Piloting the Global Initiative for Resource Efficient Cities (GIREC) Toolkit in Sorsogon City	Project Staff	November 2016 to April 2017	UN Environment Programme & League of Cities of the Philippines
Total Economic Valuation of the Coastal Habitats in Albay. Assessment Marine Habitats and Coastal Vulnerability of Ligao City, Libon, Oas, Pioduran and Rapu-Rapu, Albay: A SCREMP-based Assessment and Management Program	Project Leader	January – December 2015	Department of Environment and Natural Resources (DENR)
Knowledge, Attitudes, and Practices Survey for Coastal Resource Management	Project Leader	October – November 2015	Prov'l Gov't of Albay
2015 Citizen Satisfaction Index System in Ligao City	Field Supervisor	October – December 2014	DILG
Value Chain Analysis of Key Aquatic and Agricultural Commodities in the Philippines	Project Staff	November 2013 – May 2014	WorldFish
2013 Citizen Satisfaction Index System in Sorsogon City	Data processor	December 2013 – February 2014	DILG
K-12 Program Policy Research	Technical Assistant	October to November 2013	BU
Supply Chain Improvement of Mudcrab in Selected Regions in the Philippines	Project Staff	February 2013 – December 2013	DOST-PCAARRD
Enhancing Capacities for Disaster Risk Reduction in Agriculture in Cambodia and the Philippines (OSRO/RAS/201/EC)	Project Staff	November 2012 to December 2013	Food and Agriculture Organization (FAO)
Supply Chain Improvement for Abaca: Development and Simulation of a Business Support Model (BSM) for the Application of Fiber Grades and Standards at the Upstream End of the Supply Chain in Catanduanes, Bicol Region.	Project Staff	October 2009 – December 2011	DOST-PCAARRD
Basic Education Resources Survey	Enumerator	March to July 2010	DepEd
Transforming small-scale agriculture towards commercially viable and competitive business venture	Enumerator	April – May 2009	DA – BAR
Local Economic Assessment for Local Economic Development Plan of Nagcarlan, Laguna	Dev't Intern	April – May 2008	Punla Sa Tao Foundation, Inc.

EXPERT SERVICES RENDERED

Role	Title of Activity	Duration	Venue
Resource Person	Short Term Course in Statistics	September 6 – 7, 2019	Climate Change Academy, Legazpi City
Over-all Coordinator	Bicol Economics Congress	August 29-30, 2019	Bicol University, Legazpi City
Resource Person	Training Workshop on Ex-ante and Ex-post Analysis	July 22 – 23 and 25 – 26, 2019	BFICC bldg., Bicol University, Legazpi City
Resource Person	Training-Workshop on Expanding the Army of RD&E Experts of the Region through Mentoring	April 22 - 24, and May 14 - 16, 2019	Sorsogon City Goa, Camarines Sur
Resource Person	2019 Faculty Research & Extension Writeshop. Partido State University – Caramoan Campus	March 14 – 15, 2019	Caramoan, Cam. Sur
Resource Person	Basic Statistical Tools in Research for Data Analysis	February 8, 2019	St. Agnes Academy, Legazpi City
Resource Person	Training on Ex-post Impact Assessment of AANR Projects	Nov. 7 – 9, 2018	Casa Basilisa, Guinobatan, Albay
Resource Person	Institutional Planning. Mariners' Polytechnic Colleges Foundation of Legazpi	October 12, 2018	Legazpi City, Albay
Resource Person	Seminar on Financial Literacy and Basic Economic for Development Planners	November 6, 2017	NEDA V, Legazpi City
Resource Person	Conducting Action Research	February 8, 2019	St. Agnes Academy, Legazpi City
Resource Person	Training on Value Chain Promotion Batch 2	November 4 - 7, 2014	BCAARD, Legazpi City
Resource Person	Quantifying Program Impacts	April 25, 2014	Climate Change Academy, Legazpi City
Resource Person	Abaca FIESTA Tehno business forum	November 28, 2013	BCAARD, Embarcadero de Legazpi, Legazpi City
Resource Person	Value Chain Management Training Workshop	May 16 - 19, 2012	BCAARD, Legazpi City

RESEARCH-BASED PAPER PUBLISHED

Title of Article	Type of publication	Publisher	Date published
Water, Food, and Energy in Sorsogon City, Philippines: Understanding Urban-Rural Metabolic Flow (https://resourceefficientcities.org/wp-content/uploads/2019/10/UNEP-223-GI-REC-Growing-in-circles-FINAL-web.pdf)	Commissioned Report	UN Environment Programme and Global Initiative for Resource Efficient Cities	October 2019

RESEARCH-BASED PAPERS PRESENTED

Title of Research	Title of Activity	Organizer	Duration	Venue
Environment, power, and poverty: The case of human-environment interaction in coastal communities in the three gulfs of Bicol, Philippines	3 rd National Conference on Poverty Alleviation	Samar State University	September 25 – 27, 2019	Saint Paul School of Professional Studies, Palo, Leyte
Knowledge, Attitudes, and Practices Survey for Coastal Resource Management	56 th Philippine Economic Society (PES) Annual Meeting and Conference	Philippine Economic Society	November 8, 2017	Novotel Manila, Quezon City
Value Chain Analysis of Blue Swimming Crab in the Bicol Region, Philippines	9 th Asian Society of Agricultural Economics International Conference	Asian Society of Agricultural Economics	January 11-13, 2017	Emerald Hotel, Bangkok, Thailand
Value Chain Analysis of Blue Swimming Crab in the Bicol Region, Philippines	Brunei Darussalam, Indonesia, Malaysia and Philippines (BIMP) East Asia Growth Area (EAGA) International Conference 2015	Palawan State University	December 14 – 16, 2015	A&A Plaza Hotel, Puerto Princesa City, Palawan
<ol style="list-style-type: none"> 1. Economic Value of Selected Coastal Habitats in the Province of Albay, Philippines 2. Supply Chain Analysis of Mudcrab in the Philippines 3. Value Chain Analysis of Blue Swimming Crab in the Philippines 	50 th Philippine Agricultural Economics and Development Association, Inc. (PAEDA) Biennial Convention	PAEDA	October 22 – 23, 2015	Concourse Convention Center and Bicol University, Legazpi City
<ol style="list-style-type: none"> 1. Supply Chain of Mudcrab Seeds in the Philippines 2. Supply Chain of Fattened Mudcrab in the Philippines 	1 st International Conference on the West Philippine Sea	Western Philippines University	February 20-21, 2014.	Puerto Princesa City, Palawan
<ol style="list-style-type: none"> 1. Price Dynamics and Co-integration of Selected Grades of Abaca fibers in the Bicol Region 2. The Future of a Centuries-old Industry: Socio-economic Condition of Abaca Farmers in Catanduanes, Philippines 	49 th Philippine Agricultural Economics and Development Association, Inc. (PAEDA) Biennial Convention	PAEDA	October 23-25, 2013.	Central Mindanao University (CMU), Bukidnon.
Supply Chain Improvement for Abaca: Development and Simulation of a Key	7 th International Society for Industrial	ISIE	June 25-28, 2013	University of Ulsan, Ulsan, South Korea

Title of Research	Title of Activity	Organizer	Duration	Venue
Interventions Model (BSM) for the Application of Fiber Grades and Standards at the Upstream End of the Supply Chain in Catanduanes, Bicol Region	Ecology (ISIE) Biennial Conference			
Supply Chain Improvement for Abaca: Development and Simulation of a Key Interventions Model (BSM) for the Application of Fiber Grades and Standards at the Upstream End of the Supply Chain in Catanduanes, Bicol Region	48 th Philippine Agricultural Economics and Development Association, Inc. (PAEDA) Biennial Convention	PAEDA	October 20-21, 2011	Mariano Marcos State University. Batac City, Ilocos Norte
An Analysis of the Interlocked Credit and Rice Markets in Libmanan, Camarines Sur, 2008	1st International Society for Southeast Asian Agricultural Sciences (ISSAAS) Bicol Regional Conference.	ISSAAS	September 17, 2009.	Bicol University, Legazpi City, Albay.

TRAININGS AND SEMINARS ATTENDED

Title of Activity	Sponsor	Duration	Venue
Blended Teaching and Learning Using OERs Executive Courses on Remote Teaching and Learning	UP Open University	March – May, 2020	Online via UPOU MODEL
Training Course on Environmental Impact Assessment	UPLB School of Environmental Science & Management	August 5 – 9, 2019	Continuing Education Center, UPLB, College, Laguna
Summer Program in Economics	UPLB Department of Economics	June 10 – July 15, 2019	CEM, UPLB, College, Laguna
Training on Advanced Quantitative Models for Project Impact Evaluation	DOST-PCAARRD	December 11 – 15, 2017	PCAARRD Headquarters, Los Banos, Laguna
Short Course on Environmental Planning	UPLB Department of Community and Environmental Resource Planning	April 3 – 8, 2017	UPLB, College, Laguna
Training Course on Communicating Statistics through Infographics	Philippine Statistical Research and Training Institute (PSRTI)	October 10 – 14, 2016	Diliman, Quezon City

Title of Activity	Sponsor	Duration	Venue
Technical Course on Impact Evaluation	PIDS and 3IE	January 4 – 15, 2016	Three Cyberpod Centris, Quezon City
Responding to Climate Risks in Agriculture and Natural Resource Management	UP Open University and SEARCA	December 2014	Online
Training on Statistics for Policy Analysis	PSRTI	August 4 - 13, 2014	Diliman, Quezon City
Training on Statistical Forecasting and Missing Data Estimation	PSRTI	June 30 – July 4, 2014	Diliman, Quezon City
12 th National Convention on Statistics	Philippine Statistics Authority	October 1-2, 2013	EDSA Shangri-La Hotel
International Society for Southeast Asian Agricultural Sciences (ISSAAS) International Symposium and Congress 2012	ISSAAS	November 14-16, 2012.	Hotel St. Ellis and Bicol University
Incorporating Business Perspective in Agriculture, Forestry and Natural Resources Researches	DOST-PCAARRD	July 30-August 1, 2012	Philippine Carabao Center, Science City of Muñoz, Nueva Ecija.
Training-workshop on Comprehensive Impact Assessment of R&D and Technology Commercialization Programs in Agriculture, Aquatic and Natural Resources	DOST-PCAARRD	May 21-25, 2012	Benguet State University, La Trinidad, Benguet.
Training on Advanced Socio-economic Research Methods in AFNR	DOST-PCAARRD	October 18-22, 2010.	UPLB, College, Laguna
10 th International Society for Southeast Asian Agricultural Sciences Philippine National Congress	ISSAAS	September 21-23, 2010	Bicol University, Legazpi City
Albay LGUs' Training Course on Mainstreaming Climate Change Adaptation into Developmental Planning (Module 1)	Provincial Government of Albay and Climate Change Academy	December 18-20, 2009	Carolyna Hotel, Tabaco City
9 th International Society for Southeast Asian Agricultural Sciences Philippine National Convention and Annual Scientific Meeting	ISSAAS	November 5-6, 2009	Trace College, Los Baños, Laguna
47 th Philippine Agricultural Economics and Development Association, Inc. (PAEDA) Biennial Convention	PAEDA	October 22-23, 2009	Bureau of Soils and Water Management Diliman, Quezon City
Training-Workshop on Basic Socio-Economics Research Methodology in Agriculture, Forestry and Natural Resources	DOST-PCAARRD	October 19-21, 2009	PCAARRD Headquarters, Los Baños, Laguna

AWARDS RECEIVED

Citation	Award giving body	Date	Venue
Outstanding Alumnus	UPLB Department of Agricultural and Applied Economics (DAAE) and Applied and Agricultural Economics Society (AAES)	October 12, 2019	Baker Hall, UPLB, College, Laguna
University Achievement Award. 1 st Best Paper award (Institutional and Policy Research Category)	Bicol University For the paper “Analyzing the Resource Flows in Sorsogon City using the Urban Metabolism Framework” presented during the 2 nd Regional Conference on Promoting World-class Education”	September 22, 2017	Oriental Hotel, Legazpi City
Best Paper Award	Bicol Consortium for Agriculture, Aquatic and Natural Resources Research and Development (BCAARRD) For the paper “Economic Value of Selected Coastal Habitats in the Province of Albay, Philippines” during the 2015 Joint Regional Symposium for Research and Development Highlights	November 27, 2015	BU College of Agriculture and Forestry, Guinobatan, Albay
Best Paper Award	Philippine Agricultural Economics and Development Association, Inc. For the paper “Economic Value of Selected Coastal Habitats in the Province of Albay, Philippines” during the 50 th PAEDA Biennial Convention	October 23, 2015	The Concourse Convention Center, Legazpi City
Best Paper Award	Bureau of Fisheries and Aquatic Resources For the paper “Supply Chain Improvement of Abaca: Development and Simulation of a Key Intervention Model (KIM) for the Application of Fiber Grades and Standard at the Upstream End of the Supply Chain” during the 24 th Regional Symposium on Research and Development Highlights.	November 6, 2012	BFAR Regional Fisheries Training Center, Tabaco City

SCIENTIFIC AND PROFESSIONAL ORGANIZATIONS

Role	Organization	Year of Membership
Board of Directors	Philippine Institute of Environmental Planners (PIEP) – Albay Chapter	2019
Member	Philippine Association of Agriculturists (PAA)	2019
Member	Commission on Higher Education Regional Quality Assessment Team (CHED RQAT)	2018
Lifetime Member	Philippine Economics Society (PES)	2017
Member	Philippine Institute of Environmental Planners (PIEP)	2017
Associate Member	Department of Science and Technology National Research Council of the Philippines (DOST-NRCP) Division VIII – Social Sciences	2014
Member	Applied and Agricultural Economics Society (AAES)	2012

Role	Organization	Year of Membership
Member	Philippine Agricultural Economics and Development Association, Inc. (PAEDA)	2009
Member	International Society for Southeast Asian Agricultural Sciences –Philippines (ISSAAS)	2009
Member	The International Honor Society of Phi Kappa Phi (Chapter 045 – University of the Philippines)	2009
Member	Gamma Sigma Delta - The Honor Society of Agriculture (University of the Philippines Chapter)	2008

PROFESSIONAL ELIGIBILITY

Eligibility	Regulating body	Date registered	Number
Civil Service Professional (PD 907)	Civil Service Commission	June 17, 2009	10040366
Licensed Environmental Planner	Professional Regulation Commission	June 30, 2017	1896
Licensed Agriculturist	Professional Regulation Commission	July 23, 2018	30425

I hereby certify that the above information is true and correct with the best of my knowledge and belief.

ERWIN E. TORRES, EnP, M.Econ.
30 June 2020