DEAN JOSEPH A. VILLANUEVA

Consultant, Economics/Statistics Research Analyst
Asian Development Bank

Phone: +63 917 3165479
Email: deanjosephv@gmail.com
https://tinyurl.com/DJAVLinkedIn

I am expressing my intent to apply to the Robert Summers Fellowship on Economic Measurement - Conference on Research on Income and Wealth. The fellowship is aligned with my interest and expertise on operationalizing concepts of official statistics into meaningful statistical knowledge products.

I am currently affiliated with the Data Division under the Economic Research and Development Impact Department of the Asian Development Bank (ADB). I have provided technical assistance to various developing member countries of the ADB on the implementation of the 2008 System of National Accounts, namely the construction of Supply and Use Tables, estimation of taxes on products using the Supply and Use Framework, and price and volume measures in national accounting. Our team is also updating the ADB Multiregional Input-Output database by compiling the System of National Accounts estimates of various countries. Prior to joining the ADB, I was a Statistical Specialist of the Philippine Statistics Authority, compiling production accounts for the Philippine System of National Accounts.

My work experience has opened my research interests on how certain economic theories and identities are ought to be measured and how the measurement is operationalized and analyzed. For instance, our team extensively discussed how to reconcile different deflation methods of various national accounts statistics for the price and volume measures of the regional input-output tables. Another notable instance is the comparison of several value-added tax legislations and how it impacts the measurement of the taxes on products within the national accounting framework. These are just few of the highlights of my research interests in economic measurement.

I am excited about my career trajectory as I gain experience to frame the complexities of economic theory and economic realities. Recent events such as the trade war, the increasing gap between productivity and wealth, and the measurement of the carbon emissions in the context of globalization have rendered economic measurement extremely important and relevant. The fellowship program opens doors for researchers like me to broaden my knowledge and network who are also working on economic measurement. I also believe that this opportunity, if granted, would be a space to share my experience and expertise working with national accounts compilers and experts from the Asia and the Pacific.

Thank you very much for going through my application.

Best regards,
Dean Villanueva

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WORK EXPERIENCE

Asian Development Bank (ADB)
www.adb.org
January 2021 – Present

Consultant, Data Division (ERDD), Economic Research and Development Impact Department (ERDI)

Economics/Statistics Research Analyst (Supply and Use Tables/Input-Output Tables)
January 2025 – March 2025

- Assisted in the review of the System of National Accounts estimates of various countries, for the updating and integration to the ADB's Multiregional Input-Output Database

Economics/Statistics Research Analyst, Technical Assistance-6565 Regional: Strengthening Economic Statistics for Measuring Progress Toward Sustainable Development Goals (SDG)
January 2021 – December 2024

- Lead the compilation of the 2019 Supply and Use Tables (SUT) and Input-Output Tables for the Republic of Marshall Islands
- Managed the activities of the Tax Team for the compilation of Taxes on Products within the System of National Accounts framework
    - Co-authored "Estimating Value-Added Tax Using a Supply and Use Framework (The ADB National Accounts Statistics Value-Added Tax Model)", published by the Asian Development Bank, February 2024
- Co-lead the compilation of national accounts price and volume measures for Kazakhstan and Armenia
- Compiled and analyzed timely indicators for the updating of ADB's Multiregional Input-Output (MRIO) Database, at current and constant prices
- Assisted in the management and consolidation of the ADB MRIO at constant prices

Philippine Statistics Authority
www.psa.gov.ph
March 2015 – January 2021

Statistical Specialist II, Production Accounts Division, Macroeconomic Accounts Service
September 2017 – January 2021

Statistical Analyst – Job Order Employee, Production Accounts Division, Macroeconomic Accounts Service
March 2015 – September 2017

- Specialized on the construction and mining industries for the compilation of the Philippine System of National Accounts (PSNA)
- Lead the Non-Observed Economy team in the Overall Revision and Rebasing of the PSNA

- Coordinated activities within the agency, including Regional and Provincial Product Accounts, Supply and Use Tables and Input-Output Accounts, and all other economic accounts derived from the compilation of the PSNA

I-Metrics Asia Pacific Corporation
www.imetricsasia.com
February 2014 – October 2014

Research Assistant/Economic Analyst

- Updated, reported, and delivered the following tracking studies:
  - Purchasing Manager's Index – a month-on-month tracking study of supply chain activities in the manufacturing, retail and wholesale, and services industry for economic forecasting
  - E-Commerce Intensity Index and Maturity Scorecard – a month-on-month survey of online activities by businesses and individuals to measure the significance of e-commerce in the growth of industries

EDUCATION AND CAPACITY BUILDING

Master of Arts in Economics (Thesis Track Program), Ateneo de Manila University
Completed coursework: 30 units
August 2016 – December 2019

Coursework include Price and Allocation Theory, Macroeconomic Theory, Econometrics, International Economics, Microeconomics of Competitiveness, Economics of Development, and History of Economics

Bachelor of Arts in Economics, University of Santo Tomas
June 2009 – April 2013

Online courses finished:

- International Merchandise Trade Statistics Compilation
  United Nations Statistics Division in cooperation with United Nations Conference on Trade and Development and World Trade Organization
  15 March – 30 April 2021

- Compilation Basics for Macroeconomic Statistics
  IMF's Institute for Capacity Development
  26 June – 21 August 2019

- Financial Programming and Policies, Part 2: Program Design
  IMF's Institute for Capacity Development
  06 March – 24 April 2019

- Financial Programming and Policies, Part 1: Macroeconomic Accounts and Analysis
  IMF's Institute for Capacity Development
  01 May – 31 October 2018