

## CV of Bazlul Khondker

I have been working in development economics field for the last 30 years assisting various governments, and development partners in preparing long-term, medium-term, and short-term strategies and plans using state of the art research techniques based on macro and micro-economic data sets. I have acquired extensive experience in drafting/preparing policy and strategy documents focusing on macro-economic aspects, national development goals, and sustainable development goals. Moreover, I have long experience of working with governments and development partners in several Asian and African countries economic issues and their impacts on employment, household poverty and welfare.

### A. My areas of expertise include:

1. Macro-economics
2. Fiscal policy
3. Modeling (Macroeconomic and Micro-simulation)
4. Social protection (Including Care Services) and Poverty
5. Economic Cost of Violence Against Women and Girls
6. Feminist Economics and Gender Mainstreaming
7. Economic and Gender statistic

### B. Key features of my CV are provided below:

<b>Contact Details</b>	:	17 Kootenay Ridge, Maple, Vaughan, Ontario, Canada, L6A 2W1 (Canada) Email: <a href="mailto:bazlul.khondker@gmail.com">bazlul.khondker@gmail.com</a> Phone: + 1 647 404 1431, + 1 289 304 9253, + 880 1678 131 676 (WhatsApp)
<b>Date of Birth</b>	:	February 11, 1963
<b>Citizen</b>	:	Canadian and Bangladeshi
<b>Education</b>	:	Obtained Ph.D. Degree in Economics from the University of Warwick, England in July 1997 Obtained MSc. Degree in Quantitative Development Economics from the University of Warwick, England in July 1994
<b>Short Training</b>	:	Successfully completed the International Training of Trainers workshop on “Building Capacity to Use Research Evidence (BCURE) hosted Evidence for Policy Design at Harvard Kennedy School in February 2016. Successfully completed a training workshop on “National Transfer Accounts – Counting Women’s Work” held between July 14 and July 17, 2014 at Honolulu, Hawaii. The workshop was organized by Center on the Economics and Demography of Aging at University of California, Berkeley and of East West Center (EWC).

<b>Association</b>	:	<ol style="list-style-type: none"> <li>1. Member, National Advisory Council on Statistics (NACS), Bangladesh Ministry of Planning</li> <li>2. Member, DFAT Social Protection Expert Panel 2015-2017</li> <li>3. Member, DFAT Poverty Expert Panel 2018-2023</li> <li>4. Member of Executive Council, National Transfer Accounts (NTA), East West Center, Hawaii.</li> <li>5. Life Member, Bangladesh Economic Association</li> </ol>
<b>Language</b>	:	English (Fluent – Reading, Writing and Speaking); Bengali (Fluent – Reading, Writing and Speaking)

### **C. Comprehensive Work Experience in Socio-Economic Impact Assessment of COVID 19**

#### **1. An assessment of potential socio-economic impacts of the COVID-19 pandemic in the COMESA region: a Computable General Equilibrium (CGE) analysis Project, ref. no. 1001546 (the “Project”), (August 2023)**

*Worked as Modelling Leader to update suitable models to assess Economic and Social Impact Assessment of COVID-19 in COMESA countries. Following aspects were considered in impact assessment:*

- *GDP and Sectoral outputs using economy wide models (i.e. agriculture, industry, and services)*
- *Job losses and unemployment rates by skill/gender types and locations linking economy wide model outcomes with employment satellite matrix based on labour force survey (i.e. rural and urban)*
- *New poor and poverty rates by households and locations linking economy wide model outcomes with **micro-simulation** model based*
- *Government Stimulus – government expenditures on goods and services; and Social protection using economywide models; employment satellite matrix; and micro-simulation model.*

#### **2. Assessing Recovery Scenarios in Cambodia in the post COVID 19 Period (November 2022):**

*Completed assessment of Economic and Social Impact Assessment of COVID-19 and War in Ukraine on Cambodia in collaboration with UNDP, Cambodia and Ministry of Economics and Finance (MEF. Following aspects were considered in impact assessment:*

- *GDP and Sectoral outputs using economy wide models (i.e. agriculture, industry, and services)*
- *Job losses and unemployment rates by skill/gender types and locations linking economy wide model outcomes with employment satellite matrix based on labour force survey (i.e. rural and urban)*
- *New poor and poverty rates by households and locations linking economy wide model outcomes with **micro-simulation** model based on Cambodia Socio-economic Surveys (CSES) 2019 (i.e. rural and urban)*
- *Government Stimulus – government expenditures on goods and services; and Social protection using economywide models; employment satellite matrix; and micro-simulation model.*
- *Assisted UN system in producing a report on social protection strategy amid COVID 19.*

- Policy Brief on “Economic and Social Impact Assessment of COVID-19 and War in Ukraine on Cambodia: a Dynamic CGE Simulation approach,” SDG Joint Fund, UN Cambodia, MEF and UNDP, November 2022

### 3. Assessing Recovery Scenarios in Georgia in the post COVID 19 Period (August 2023):

Prepared a report on “Ending poverty in Georgia: new economic modeling” in collaboration with UNDP, Cambodia and Ministry of Economics and Finance (MEF) using economy wide models (**macro-simulation**) such as Social Accounting Matrix (SAM) and Computable General Equilibrium (CGE) models. Following aspects were considered in impact assessment:

- GDP and Sectoral outputs using economy wide models (i.e. agriculture, industry, and services)
- Job losses and unemployment rates by skill/gender types and locations linking economy wide model outcomes with employment satellite matrix based on labour force survey (i.e. rural and urban)
- New poor and poverty rates by households and locations linking economy wide model outcomes with **micro-simulation** model based on Georgia Household Surveys 2021 (i.e. rural and urban)
- Government Stimulus – government expenditures on goods and services; and Social protection using economywide models; employment satellite matrix; and micro-simulation model.
- Assisted UN system in producing a report on social protection strategy amid COVID 19 and Ukraine war.
- Publication Ending Poverty In Georgia: New Economic Modeling, UNDP, August 2023

### 4. Assessing Recovery Scenarios in Cambodia in the post COVID 19 Period (October 2021):

Completed assessing post COVID 19 recovery scenarios for Cambodia in collaboration with UNDP, Cambodia and Ministry of Economics and Finance (MEF) using economy wide models (**macro-simulation**) such as Social Accounting Matrix (SAM) and Computable General Equilibrium (CGE) models. Following aspects were considered in impact assessment:

- GDP and Sectoral outputs using economy wide models (i.e. agriculture, industry and services)
- Job losses and unemployment rates by skill/gender types and locations linking economy wide model outcomes with employment satellite matrix based on labour force survey (i.e. rural and urban)
- New poor and poverty rates by households and locations linking economy wide model outcomes with **micro-simulation** model based on Cambodia Socio-economic Surveys (CSES) 2019 (i.e. rural and urban)
- Government Stimulus – government expenditures on goods and services; and Social protection using economywide models; employment satellite matrix; and micro-simulation model.
- Assisted UN system in producing a report on social protection strategy amid COVID 19.

### 5. Economic and Social Impact Assessment of COVID 19 on Uganda (June 2021):

Completed socio-economic impact assessment of COVID 19 on Uganda in collaboration with Ministry of Labour, Gender and Social Development using Social Accounting Matrix (SAM) and Computable General Equilibrium (CGE) models. Impact assessment focused on:

- GDP and Sectoral outputs using economy wide models (i.e. agriculture, industry and services)

- Job losses and unemployment rates by skill/gender types and locations linking economy wide model outcomes with employment satellite matrix based on labour force survey (i.e. rural and urban)
- New poor and poverty rates by households and locations linking economy wide model outcomes with **micro-simulation** model based on Uganda Household Survey 2016 (i.e. rural and urban)
- Government Stimulus – government expenditures on goods and services; and Social protection using economywide models; employment satellite matrix; and micro-simulation model.

#### 6. Economic and Social Impact Assessment of COVID 19 on Haiti (May 2021):

Completed socio-economic impact assessment of COVID 19 on Haiti in collaboration with UNICEF using Social Accounting Matrix (SAM) and Computable General Equilibrium (CGE) models. Impact assessment focused on:

- GDP and Sectoral outputs using economy wide models (i.e. agriculture, industry and services)
- Job losses and unemployment rates by skill/gender types and locations linking economy wide model outcomes with employment satellite matrix based on labour force survey (i.e. rural and urban)
- New poor and poverty rates by households and locations linking economy wide model outcomes with **micro-simulation** model based on HIES 2016 (i.e. rural and urban)
- Government Stimulus – government expenditures on goods and services; and Social protection using economywide models; employment satellite matrix; and micro-simulation model.

#### 7. Economic and Social Impact Assessment of COVID 19 on Cambodia (March 2020):

Completed socio-economic impact assessment of COVID 19 on Cambodia in collaboration with UNDP, Cambodia and Ministry of Economics and Finance (MEF) using economy wide models (**macro-simulation**) such as Social Accounting Matrix (SAM) and Computable General Equilibrium (CGE) models. Following aspects were considered in impact assessment:

- GDP and Sectoral outputs using economy wide models (i.e. agriculture, industry and services)
- Job losses and unemployment rates by skill/gender types and locations linking economy wide model outcomes with employment satellite matrix based on labour force survey (i.e. rural and urban)
- New poor and poverty rates by households and locations linking economy wide model outcomes with **micro-simulation** model based on CES 2014 (i.e. rural and urban)
- Government Stimulus – government expenditures on goods and services; and Social protection using economywide models; employment satellite matrix; and micro-simulation model.
- Assisted UN system in producing a report on social protection strategy amid COVID 19.

#### 8. Impact of COVID 19 on Children Welfare in Bangladesh (May to August 2020):

Completed socio-economic impact assessment of COVID 19 on children in Bangladesh in collaboration with UNDP, Cambodia and Ministry of Economics and Finance (MEF) using economy wide models (**macro-simulation**) such as Social Accounting Matrix (SAM) and Computable General Equilibrium (CGE) models. Following aspects were considered in impact assessment:

- Overall national income loss using economy wide models
- Consumption and poverty impact on children in Bangladesh using HIES 2016 and MICs 2019

- *Job losses and unemployment rates by skill/gender types and locations linking economy wide model outcomes with employment satellite matrix based on labour force survey (i.e. rural and urban)*
- *Design child focused social protection strategies*
- *Welfare on children due to the adoption of the child focused social protection strategies using economy wide models and **micro-simulation** model based on household budget surveys*
- *Government Stimulus – government expenditures on goods and services; and Social protection using economywide models; employment satellite matrix; and micro-simulation model.*
- *Assisted UN system in producing a report on social protection strategy amid COVID 19.*

## **9. Review of COVID 19 Impact Assessment by Multilateral Agencies (April 2020):**

*Reviewed the COVID 19 impact assessments conducted by the multilateral agencies such the World Bank, International Monetary Fund, the Asian Development Bank, and OECD. The findings have been used in the policy reports prepared for Cambodia and Bangladesh.*

## **D. Comprehensive Work Experience in Socio-Economic Impact Assessment of LDC Graduation**

### **1. Potential Economic and Social Impacts on Bangladesh LDC Graduation: A SAM and Dynamic CGE Approach**

*Conducted assessment of Economic and Social Impact Assessment of LDC graduation in Bangladesh using an integrated Modelling System. Following aspects were considered in impact assessment:*

- *Used dynamic CGE model to assess economy wide impacts of LDC graduation*
- *Assess the impact of employment and poverty linking the employment and poverty modules to the main modelling system.*

### **2. Potential Economic and Social Impacts on Nepal LDC Graduation: A SAM and Dynamic CGE Approach**

*Conducted assessment of Economic and Social Impact Assessment of LDC graduation in Nepal using an integrated Modelling System. Following aspects were considered in impact assessment:*

- *Used dynamic CGE model to assess economy wide impacts of LDC graduation*
- *Assess the impact of employment and poverty linking the employment and poverty modules to the main modelling system.*

### **3. Potential Economic and Social Impacts on Cambodia LDC Graduation: A SAM and Dynamic CGE Approach**

*Conducted assessment of Economic and Social Impact Assessment of LDC graduation in Cambodia using an integrated Modelling System. Following aspects were considered in impact assessment:*

- *Used dynamic CGE model to assess economy wide impacts of LDC graduation*
- *Assess the impact of employment and poverty linking the employment and poverty modules to the main modelling system.*

#### **4. Potential Economic and Social Impacts on Cambodia LDC Graduation: A SAM and Dynamic CGE Approach**

*Conducted assessment of Economic and Social Impact Assessment of LDC graduation in Bangladesh using an integrated Modelling System. Following aspects were considered in impact assessment:*

- *Used dynamic CGE model to assess economy wide impacts of LDC graduation*

*Assess the impact of employment and poverty linking the employment and poverty modules to the main modelling system.*

#### **E. Comprehensive Working Experience in Economic Modeling (Macro-simulation)**

##### ***An expert developer and user of the Computable General Equilibrium (CGE) Model:***

I have been working with CGE models for the last 26 years. Soon after completing my PhD using CGE model to assess efficiency and welfare implications of various tax and trade policies in the context of Bangladesh, I have been applying multi-sectoral CGE model (both static and Dynamic) to assess impact of various public policies on macro and sectoral variables. I have also linked multi-sectoral static and dynamic CGE models to micro-simulation models to assess impacts of various programme interventions aimed at the household and individual level. I have also published several papers using results from the CGE models (please refer to publications under *Macro-economy, Economy Wide Datasets and Economic Modeling sub heading*).

##### ***An expert developer and user of the Social Accounting Matrices (SAM):***

Social Accounting Matrix (SAM) serves as the consistent data set for the CGE model. It is snapshot of an economy for a particular time period while linking macro and micro economy in a consistent framework. I have built several rounds of SAMs for Bangladesh (under the aegis of the Bangladesh Planning Commission) for the year 2000, 2006/7 and 2012. Moreover, I have constructed SAMs for India in relation to study on trade liberalization. I have converted SAM data sets into SAM based models and used them for policy simulations for economies such as India, Pakistan, Sri-Lanka, Indonesia, Bangladesh and Vietnam.

##### ***Led the construction of the Technical Framework for the Bangladesh Sixth, Seventh and Eight Five Year Plan:***

I have also acted a team leader to developed technical framework for the Bangladesh Sixth Plan (2011-2015), Seventh Plan (2016-2020), and Eighth Plan (2021-2025). The framework consists of following four interlinked models:

1. A *macroeconomic framework* containing five accounts delineating the economy to generate consistent macro-economic outlook over 2019 to 2030 period.
2. A *dynamic computable general equilibrium (DCGE)* model based on an updated input-output table 2017 and a social accounting matrix for Bangladesh for 2017. The key outcomes of the macroeconomic framework are fed into the DCGE model to derive the sectoral implications.
3. The sectoral value addition and output outcomes are linked into the *An Employment Satellite Matrix (ESM)* to calculate the sectoral employment impacts under different policy set ups. ESM has been

constructed for 100 activities (to conform to the IO activity classification) and labour categories classified by

- a. Location –urban and rural;
  - b. Gender-male and female; and
  - c. Skill-low and high.
4. Using the information of Household Income and Expenditure Survey 2016, the *Distribution and Poverty Module* has been developed. Household income, consumption and sectoral price information generated in the DCGE model are linked to the *Distribution and Poverty Module* to assess poverty situation.

#### ***Lists of SAM and CGE Model Work:***

Produced 70 reports and papers using SAM and CGE modeling approach for more than ten countries. The numbers are categorised below:

- Data SAM construction – 14
- Policy Analyses with SAM and CGE – 60

#### **A. Data SAM Construction:**

1. Updated a SAM for Uganda for 2017 for simulate impacts of expanded social protection in Uganda using both a SAM and Dynamic CGE model. Sponsors: Ministry of Finance and Ministry of Gender.
2. Developed a SAM for Cambodia incorporating the Cassava sector for the Year 2014. The SAM will be used to assess gains for the country moving from primary Cassava exports to processed Cassava exports. Sponsors: UNDP, Ministry of Commerce and Ministry of Finance.
3. Developed a SAM for Cambodia incorporating the Skill aspects of the labour factors for the Year 2014. The SAM will be used to develop a dynamic CGE model to assess implications of investment in skill development. Sponsors: UNDP, Government of Cambodia.
4. Developed IOM and SAM for Bangladesh economy for the Years 2006; 2012 and 2017. These SAMs have been used in the preparation of her Sixth Five Year Plan (2010-2015); Seventh Five Year Plan (2016-2020); and Eight Five Year Plan (2021-2025). Sponsors: Ministry of Planning.
5. Developed regional SAMs for Bangladesh for 2006 and 2012 to capture key characteristics as well as the interdependence of main regions of Bangladesh. Regional SAMs have been used to assess regional implications of large infrastructure projects. Sponsors: Asian Development Bank, the World Bank and DFID.
6. Developed local level SAMs for Northern, Southern and Coxes Bazar districts for 2017. SAM models based on the local level SAMs have been used to assess impacts of local level interventions and issues related to specific areas. Sponsors: UNDP, and Ministry of Local Government.
7. IOM and SAM for 2012 has been extended to include climate change, natural resource and environmental variables in Bangladesh. The IOM and SAM has been used to assess economy wide effects of depletion of natural resources and intensification of adverse consequence of climate change in the context of Bangladesh. The outcomes for Bangladesh are being compared with the outcomes of other two countries – India and Ghana. Sponsors: IDRC, Canada and University of Southampton.



8. Developed a SAM for Morocco for 2014 using country data. The data SAM has been used to develop a SAM model to estimate economy wide impact of 'housing' subsidy in Morocco. Sponsors: The World Bank and Ministry of Finance.
9. Updated the existing SAMs of India, Nepal, Pakistan, and Sri-Lanka to analyse key characteristics of economic interdependence and linkages such as 'degree of endogeneity' and 'backward and forward' linkages.

#### **B. SAM and CGE/DCGE Modeling:**

1. A SAM and Dynamic Computable General (DCGE) model based on Uganda SAM 2017 has been used to assess the economic and social (poverty and employment) implications of expanding 'social protection' investment in Uganda. Sponsors: Ministry of Finance and Ministry of Gender.
2. A SAM and Dynamic Computable General (DCGE) model based on Bangladesh SAM 2017 has been used to assess the economic and social (poverty, wage rate and household income) implications of LDC graduation in Bangladesh. Sponsors: Ministry of Planning.
3. A SAM and Dynamic Computable General (DCGE) model based on Cambodia SAM 2014 has been used to assess the economic and social (poverty and employment) implications of public investment on 'Cassava' sector in Cambodia. Sponsors: UNDP
4. A SAM and Dynamic Computable General (DCGE) model based on Cambodia SAM 2014 has been used to assess the economic and social (poverty and employment) implications of removing EBA by EU. Sponsors: UNDP and UNRC
5. A SAM model based on Morocco SAM 2014 has been used to assess the economic and financial implications of 'housing' sector subsidy in Morocco. Sponsors: The World Bank and Ministry of Finance
6. Using the 2011 SAM, a SAM based approach has been adopted for Vietnam to assess the macroeconomic impact of investment in social protection system in terms of effect on gross output; gross domestic product and household consumption. A comparative assessment of investing the same amount of funds in an infrastructure project has also been carried out. Sponsors: UNDP and Ministry of Labour and Invalidates (MOLISA)
7. A SAM based approach developed on an updated SAM for 2016, economy wide effects of violence against women and girls has been attempted for Seychelles and Kingdom of Lesotho. Sponsors: Commonwealth Secretariat, London; Department of Family Affairs, Republic of Seychelles; and Ministry of Gender.
8. A SAM based approach has been adopted for Myanmar using the 2010 SAM to assess the macroeconomic impact of investment in social protection system in terms of effect on gross output; gross domestic products and household consumption. A comparative assessment of investment the same amount of investment in an infrastructure project has also been carried out. Sponsors: HelpAge International, UK.
9. Using the 2010 SAM, a SAM based approach has been adopted in the Philippines to assess the macroeconomic impact of investment in social protection system in terms of effect on gross output; gross domestic products and household consumption. A comparative assessment of investment the same amount of investment in an infrastructure project has also been carried out. HelpAge International, UK.
10. A SAM based approach has been adopted for Bangladesh using the 2012 SAM to assess the macroeconomic impact of investment in social protection system in terms of effect on gross output; gross domestic products and household consumption. A comparative assessment of



investment the same amount of investment in an infrastructure project has also been carried out. Sponsors: HelpAge International, UK.

11. Used the regional SAM for 2006 to evaluate impact of Jamuna Multi-Purpose bridge on the Northern part of Bangladesh. Sponsors: The Asian Development Bank
12. The regional SAM for 2012 has been used to estimate the benefit-cost of investing in the construction of the Padma bridge. It also assessed potential economic impact of Padma ridge on the Southern part of Bangladesh. Sponsors: The World Bank and Bangladesh Bridge Authority.
13. The SAMs for 2006 and 2012 have been used in the Mid-Term evaluation of the Sixth and Seventh Five Year Plan. Sponsors: Bangladesh Planning Commission.
14. SAM model based on regional SAM 2012 has been used to simulate probable effect on major economic variables such as GDP, employment and poverty rate at regional as well as on the national level under various investment and locational scenarios for the establishment of 100 special economic zones. Sponsors: DFID and Bangladesh Planning Commission.
15. SAM model based on SAM 2012 has been used to simulate probable effect (i.e. revenue, economic growth, employment, prices and cost of living index) of introducing the 'carbon' tax on the transport sector in Bangladesh. Sponsors: DFID.

## **F. SAM/CGE Work During 2016-21**

### ***Cambodia (2017 to current): International Consultant and Internal Macroeconomic Advisor***

I have been working with RGoC (Ministry of Economic and Finance and National Institute of Statistics) under the aegis of UNDP for the last 5 years to support analysis of CSES (Cambodia Socio Economic Survey) data sets 2014, 2017 and 2019, data set generation (Input-output table and Social Accounting Matrix), model development (SAM, CGE model, and Micro-simulation model), production policy report and briefs, preparation of training manuals, and imparting training to MEF and NIS on national accounts, Supply and Use Table, Input-output table and Social Accounting Matrix, Computable General Equilibrium (CGE) model, System of Environment and Economic Account (SEEA). Some of the key reports and materials developed for Cambodia are provided below.

1. ***"Post COVID 19 Recovery Scenarios in Cambodia"***, UNDP, MEF, Phnom Penh, Cambodia, August 2021.
2. ***"Training/User Manual on National Income Accounting and Deterministic Models: An Application with Cambodia Data"***, UNDP, MEF, Phnom Penh, Cambodia, June 2021.
3. ***"System of Environmental-Economic Accounting (SEEA) An Implementation Road Map for Cambodia"*** UNDP, NIS, Phnom Penh, Cambodia, March 2021.
4. ***"Policy Brief 01: COVID-19 ECONOMIC AND SOCIAL IMPACT ASSESSMENT IN CAMBODIA: CGE & GTAP Simulation Exercises,"*** MEF, Australia Aid and UNDP, October 2020
5. ***"Socio-Economic Impacts of COVID 19 in Cambodia"***, UNDP, Phnom Penh, Cambodia, June 2020.
6. ***"Socio-economic impacts of EBA withdrawal by EU" on Cambodia (Jan-March 2020)***
7. ***"Economic Returns to Public Investment for Cassava Sector A SAM and Dynamic CGE Approach"***, UNDP, Phnom Penh, Cambodia, May 2019.

### ***Uganda (2018 to 2021): International Consultant and Economist***

I have worked with the Ministry of Labour, Gender and Social Development for the last 3 years to support analysis of UHBS (Cambodia Socio Economic Survey) data sets 2016-17, re-classification of the Uganda

Social Accounting Matrix 2107, model development (SAM, CGE model, and Micro-simulation model), production policy report and briefs, preparation of training manuals, and imparting training to MOEPF officials. Some of the key reports and materials developed for Uganda are provided below.

1. ***“Role of Social Protection in Addressing the Perils of COVID 19 in Uganda: Application of Macro-Micro Simulation Approach,”*** May 2021.
2. ***“Economic and Poverty Impacts of the ESP programme in Uganda: Results from a SAM and DCGE Modelling Approach,”*** March 2020
3. ***“Economic and Poverty Implication of ESP in Uganda: Results from a SAM Modeling Approach,”*** September 2019
4. ***“Updating and Reclassification of Uganda SAM 2017: Methodology and Key Results,”*** September 2019

#### ***Myanmar and the Philippines (2017): International Consultant and Social Protection Economist***

Worked as an International consultant to assist UNDP and MOLISA in the preparation of the master plan for social assistance reform in Vietnam.

1. ***“Macro-simulation of the impact of a social pension in Myanmar”***, August 2017
2. ***“Macroeconomic Impacts of Pension Reforms in Philippines: A SAM Based Simulation Exercise”***, January 2017

### **G. Cambodia and Regional Experience**

#### ***Cambodia (2017 to current): International Consultant and Internal Macroeconomic Advisor***

I have been working with RGoC (Ministry of Economic and Finance and National Institute of Statistics) under the aegis of UNDP for the last 5 years to support analysis of CSES (Cambodia Socio Economic Survey) data sets 2014, 2017 and 2019, data set generation (Input-output table and Social Accounting Matrix), model development (SAM, CGE model, and Micro-simulation model), production policy report and briefs, preparation of training manuals, and imparting training to MEF and NIS on national accounts, Supply and Use Table, Input-output table and Social Accounting Matrix, Computable General Equilibrium (CGE) model, System of Environment and Economic Account (SEEA). Some of the key reports and materials developed for Cambodia are provided below.

8. ***“Policy Brief 03: “Cambodia’s Economic Outlook in a Time of High Uncertainty: Dynamic CGE Simulation Exercise,”*** MEF, Australia Aid and UNDP, forthcoming.
9. ***“Frameworks for System of Environmental-Economic Accounting (SEEA) in Cambodia”***, UNDP
10. ***“Road Map for SEEA Implementation in Cambodia”***, UNDP
11. ***“Policy Brief 02: “2021 COVID-19 Economic and Social Impact Assessment in Cambodia: An Integrated Modelling Approach,”*** MEF, Australia Aid and UNDP, September 2021
12. ***“Training/User Manual on National Income Accounting and Deterministic Models: An Application with Cambodia Data”***, UNDP, MEF, Phnom Penh, Cambodia, June 2021.
13. ***“System of Environmental-Economic Accounting (SEEA) An Implementation Road Map for Cambodia”*** UNDP, NIS, Phnom Penh, Cambodia, March 2021.

14. ***“Training/User Manual on Computable General Equilibrium Model,”*** UNDP, MEF, Phnom Penh, Cambodia, January 2021.
15. ***“Policy Brief 01: COVID-19 ECONOMIC AND SOCIAL IMPACT ASSESSMENT IN CAMBODIA: CGE & GTAP Simulation Exercises,”*** MEF, Australia Aid and UNDP, October 2020
16. ***“Socio-Economic Impacts of COVID 19 in Cambodia”,*** UNDP, Phnom Penh, Cambodia, June 2020.
17. ***“Socio-economic impacts of EBA withdrawal by EU”*** on Cambodia (Jan-March 2020)
18. ***“Economic Returns to Public Investment for Cassava Sector A SAM and Dynamic CGE Approach”,*** UNDP, Phnom Penh, Cambodia, May 2019

#### ***Myanmar and the Philippines (2017): International Consultant and Social Protection Economist***

Worked as an International consultant to assist UNDP and MOLISA in the preparation of the master plan for social assistance reform in Vietnam.

3. ***“Macro-simulation of the impact of a social pension in Myanmar”,*** August 2017
4. ***“Macroeconomic Impacts of Pension Reforms in Philippines: A SAM Based Simulation Exercise”,*** January 2017

#### ***Vietnam (2015): International Consultant and Social Protection Economist***

Worked as an International consultant to assist UNDP and MOLISA in the preparation of the master plan for social assistance reform in Vietnam.

5. ***“Vietnam Master Plan for Social Assistance Reform (MPSAR)-Costing Implication and Financing Options,”*** UNDP and MOLISA, May 2015.
6. ***“Social Assistance in Viet Nam: a review and proposals for reform,”*** UNDP and MOLISA, April, 2015.

#### ***Indonesia (2007): International Consultant and Social Protection Economist***

Worked as an International consultant under the aegis of ILO, Indonesia to prepare a dynamic SAM for Indonesia to estimate the social economic impacts of MDG based national plan.

***“Dynamic Social Accounting Matrix (DySAM): Concept, Methodology, and Simulation Outcomes-The Case of Indonesia and Mozambique”,*** Employment Working Paper No: 88, International Labour Office, Geneva

## **H. Work Experience in Digital Economy and Digital Financial Services**

### ***1. Policy Advocacy for Digital Financing for Poor and Women in Bangladesh (2019-2024):***

Have worked as team leader to strengthen DFS outreach to poor and women in Bangladesh under a grant from Bill and Melinda Gates Foundation. The prime objective is to help transform the digital financial services landscape in Bangladesh. Approach or pillars of the project are:

- Networking with key stakeholders – public, private, service providers, academicians, civil society organisations.

- Producing knowledge products – innovative research, policy briefs, infographics, short video, and website development and maintenance.
- Development of tools – development of tools (quantitative) to assess the impacts of digital (nano) credit/financial services to improve welfare
- Dissemination of outcomes through organizing dialogues, media events through electronic media and social media, producing OP ED and investigative articles.
- Capacity building of a network of enablers drawn from the Ministry of Finance including Finance Division), MFS, Bangladesh Bank, other stakeholders; and media partnerships with four leading daily newspapers. The enablers provided technical suggestions on various activities of the policy advocacy initiative.
- Advocacy work to key government departments
- Capacity building of journalists and local levels institutions

## **2. *Estimation of Digital Economy in Cambodia (2023-2024):***

Have been working as an international economist under the aegis of UNDP and Ministry of Economy and Finance (MEF) to assess the size of the digital economy in Cambodia. The tasks are:

- Undertaking a thorough literature review of identify the appropriate methodology for Cambodia to assess the size of DE
- Data collection to populate the tool to measure the size and contribution of industries and products in DE transformation
- Development of tools to measure DE size and contribution by enabling industries
- Reporting and documenting the results
- Capacity building – training to MEF officials

## **3. *Transaction Technical Assistance (TRTA) for supporting COVID-19 Active Response and Expenditure Support (CARES) program in Bangladesh (2021-2023)***

Led a team of 8 international and national experts to assess and strengthen capacity of the key implementing agencies in Bangladesh. Main project features include Diagnostic and assessment, roadmap reparation and capacity building of government officials. Activities performed:

- Improving beneficiary selection of the social protection programmes
- Designing a gender road map
- Scaling up G2P system and Financial Inclusion
- Mainstreaming Gender
- Improving M&E system

## **I. Drafting and Preparation of Policy Document**

- 1. End Implementation Review of the Seventh Five Year Plan (FY 2016 – FY 2020)** for the General Economics Division, Bangladesh Planning Commission and UNDP (June 2023).

2. Chapter on **Social Protection Reforms in South Asia** in Edited Volume 'Fostering Growth in South Asia'. IMF, May 2022.
3. **Gender Responsive Social Protection Assessment in response to COVID-19 (Saint Lucia)**, UNDP, July 2022.
4. **An Inclusive Social Protection Strategy for Samoa**, UNDP, November 2020.
5. **Intergenerational Equity through Tax System in Asia and Pacific**, Flagship report prepared for the UNDP Bangkok Hub, April 2020.
6. **Towards Child-Sensitive Social Protection in Bangladesh**, Ministry of Women and Children Affairs, Government of the People's Republic of Bangladesh and UNICEF (November 2019 and March 2022).
7. **Mid - Term Implementation Review of the Seventh Five Year Plan (FY 2016 – FY 2020)** for the General Economics Division, Bangladesh Planning Commission and UNDP (August 2018).
8. **Co-led the Preparation of SDG Needs Assessment and Financing Strategy** for the General Economics Division, Bangladesh Planning Commission and UNDP (March 2017).
9. **Led the development of the Technical Quantitative Framework for Seventh Five Year Plan of Bangladesh** to assess macro and sectoral economic impacts along with implications for poverty reduction and job creation. Ministry of Planning, Government of the People's Republic of Bangladesh and UNICEF (June 2015).
10. **National Social Protection Strategy for Kingdom of Lesotho**, Ministry of Social Development and UNICEF. Co-authored with Nicholas Freeland (May 2014).
11. **National Social Security Strategy of Bangladesh**, Ministry of Planning, Government of the People's Republic of Bangladesh, and UNDP. (June 2015).
12. **The Bangladesh Country Paper: "Study on products with regional trade potential and associated non-tariff barriers, with special focus on women owned and led micro, small, and medium enterprises (WMSMEs)"**, UNDP Regional Center, Bangkok, (June 2015).
13. **Member – Drafting team of the Sixth Five Year Plan of Bangladesh**, Ministry of Planning, Government of the People's Republic of Bangladesh. (June 2010).
14. **Led the preparation of the Statistical and Technical Annex: Part III, Seventh and Sixth Five Year Plan of Bangladesh**, Ministry of Planning, Government of the People's Republic of Bangladesh (June,2010).
15. **Led the Development of the Technical Quantitative Framework for Sixth Five Year Plan of Bangladesh** to assess macro and sectoral economic impacts along with implications for poverty reduction and job creation. Ministry of Planning, Government of the People's Republic of Bangladesh (January 2010).

## **J. Comprehensive Work Experience in Feminist Economics and Gender Statistics**

5. **Economic Cost of Violence Against Women and Girls**

Developed an integrated methodology (i.e. combining micro, meso, and macro approaches) to assess/estimate the economic cost of violence against women and girls. This methodology has been applied to 5 countries between 2017 and 2023.

- Led the studies on estimating the '*Economic Cost of Violence against Women and Girls*' in *Seychelles and the Kingdom of Lesotho* between 2018 and 2020 under the aegis of Commonwealth Secretariat in London and the respective governments. The studies required collection of gender data – especially administrative data as well as conducting primary surveys.
- Led the studies on estimating the '*Economic Cost of Violence against Women and Girls*' in *Jamaica* in 2021 under the aegis of UN Women, Barbados, and the government of Jamaica. The study required collection of gender data – especially administrative data as well as conducting primary surveys.
- Have been leading the studies on estimating the '*Economic Cost of Violence against Women and Girls*' in *Guyana and Grenada* under the aegis of UN Women, MCO, Barbados. The studies require collection of gender data – especially administrative data as well as conducting primary surveys.
- Dissemination of outcomes through dialogue, presentation, stakeholders' consultations, and producing policy briefs
- Key member of the team produced '*Facilitator's Guide to Measuring the Economic Costs of Violence against Women and Girls*', June 2022, London.  
<https://thecommonwealth.org/economic-costs-violence-women-girls>
- Trained 5 Young researchers from Caribbean countries on measuring economic costs of VAWG and supervise their research reports, January 2023 to September 2023.

#### 6. *Gender and Economic Development in Lao PDR (December 2023):*

Completed assessment of the women's contribution to economic development in Lao PDR using various tools such as descriptive data analysis, micro and macro simulation models under the aegis of UNDP and UNFPA. The assessment addresses two questions: The first research question centers on women's contribution to economic growth and the opportunities for a gender dividend. The second research question looks at the potential role women can play in stimulating economic diversification and innovation base of the economy. The purpose of this research paper is to provide the evidence base for dialogue and advocacy and to make the case that investing in women and girls is necessary for Lao PDR to achieve its growth and diversification ambitions and to achieve a demographic dividend. Following aspects were considered in impact assessment:

- Assessment of the Lao PDR labour market from gender perspective
- Development of the micro-simulation model to assess gender dividend in Lao PDR
- GDP, employment (i.e. women employment) and Sectoral outputs using *economy wide models* (i.e. agriculture, industry, and services)
- Impacts on Jobs by skill/gender types and locations linking economy wide model outcomes with *employment satellite matrix based on labour force survey* (i.e. rural and urban)
- Policy recommendations from a gender perspective
- Dissemination of outcomes through dialogue, presentation, producing policy briefs



### 7. *Gendered Employment Analysis and Policy Recommendations in Nepal (June 2023):*

Completed analysis of the Employment Impact of COVID-19 in Nepal and on Nepalese women and assess the scope of enhancing decent work using economy wide models (**macro-simulation**) such as Social Accounting Matrix (SAM) and employment module based on LFS 2017-18 – following ILO tool 2 approach under the aegis of ILO and UN Women. Following aspects were considered in impact assessment:

- GDP and Sectoral outputs using **economy wide models** (i.e. agriculture, industry, and services)
- Job losses and unemployment rates by skill/gender types and locations linking economy wide model outcomes with **employment satellite matrix based on labour force survey** (i.e. rural and urban)
- Policy recommendations from a gender perspective
- Dissemination of outcomes through dialogue, presentation, producing policy briefs

### 8. *Assessed the Macroeconomic and Employment Impact of Care Economy in Nepal (June 2023):*

Completed assessment of the macroeconomic and employment impact of care economy in the context of Nepal – following ILO tool 3 approach under the aegis of ILO and UN Women. Following aspects were considered in impact assessment:

- GDP and Sectoral outputs using **economy wide models** (i.e. agriculture, industry, and services)
- Decent employment for female linking economy wide model outcomes with **employment satellite matrix based on labour force survey** (i.e. rural and urban)
- Policy recommendations
- Dissemination of outcomes through dialogue, presentation, producing policy briefs

### 9. *Feminist Analysis of the Socioeconomic Impact of COVID-19 in Nepal (March 2022):*

Completed assessing Feminist Analysis of the Socioeconomic Impact of COVID-19 in Nepal and on Nepalese women using economy wide models (**macro-simulation**) such as Social Accounting Matrix (SAM) and Computable General Equilibrium (CGE) models and unpaid care economy valuation models under the aegis of UN Women. Following aspects were considered in impact assessment:

- GDP and Sectoral outputs using **economy wide models** (i.e. agriculture, industry, and services)
- Job losses and unemployment rates by skill/gender types and locations linking economy wide model outcomes with **employment satellite matrix based on labour force survey** (i.e. rural and urban)
- Used an **unpaid care economy model of Nepal** (i.e. Nepal Unpaid Valuation Model to assess COVID 19 impacts on the unpaid work to obtain a comprehensive impact on the Nepalese economy.
- Overall impact assessments were provided by **combining the conventional model (SNA) with unpaid care economy model** in Nepal.
- Policy recommendations from Feminist perspective
- Dissemination of outcomes through dialogue, presentation, producing policy briefs

#### **10. Economic and Social Impact Assessment of COVID 19 on Bangladesh [ Covid-19, trade, and gender in Bangladesh] (April 2020):**

Completed socio-economic impact assessment of COVID 19 on Bangladesh in collaboration with Trade and Investment Advocacy Fund 2 (TAF 2) project funded by DFID under the aegis of ODA, UK and Ministry of Commerce, Bangladesh using Social Accounting Matrix (SAM) and Computable General Equilibrium (CGE) models. Impact assessment focused on:

- GDP and Sectoral outputs using economy wide models (i.e. agriculture, industry, and services)
- Job losses and unemployment rates by skill/gender types and locations linking economy wide model outcomes with employment satellite matrix based on labour force survey (i.e. rural and urban)
- New poor and poverty rates by households and locations linking economy wide model outcomes with **micro-simulation** model based on HIES 2016 (i.e. rural and urban)
- Government Stimulus – government expenditures on goods and services; and Social protection using economywide models; employment satellite matrix; and micro-simulation model.
- Prepared a background report on social protection strategy for the 8<sup>th</sup> Five Year Plan and COVID 19.

#### **11. Assessment of the Status of Gender Statistics in Bangladesh**

- Prepared the Gender Statistical Profile of Bangladesh, UN Women (May 2023)
- Conducted an in-depth assessment of the status of the Gender Statistics in Bangladesh under the project 'Making Every Woman and Girl Count' UN Women (June 2018).

#### **12. Project Document 'Making Every Bangladeshi Woman and Girl Count'**

Co-authored the project document titled '***Making Every Bangladeshi Woman and Girl Count: Supporting the monitoring and implementation of the SDGs through better production and use of gender statistics***' for Bangladesh Bureau of Statistics (BBS) and UN Women, Bangladesh (September 2018).

### **K. Comprehensive Working Experience in Social Protection**

I have been working in development economics field for the last 28 years assisting various governments and development partners in preparing long-term, medium-term, and short-term strategies and plans using state of the art research techniques based on micro and macro-economic data sets. However, for the last decade, I have been devoting time in Social Protection area focusing on **(i)** developing social protection strategies and preparing social protection policies following the life cycle approach and gender; **(ii)** developing result based M&E system for social protection implementation; **(iii)** analysing the fiscal consequences of introduction or expansion of the social protection system using customized investment model; **(iv)** estimating poverty and inequality effects of social protection schemes using micro-simulation model; **(v)** assessing the implication of changing demographic transition on social protection system; and **(vi)** assessing the macroeconomic implications of introduction or expansion of the social protection schemes on an economy using macroeconomic model or framework.

## Assessment and Design of the Social Protection System

1. Assess Macro Economic Implications on the Social Protection Interventions in Jordan under the Shamil Project: Technical Assistance (TA) for Inclusive Social Protection in Jordan, 2024
2. Implementation of Transaction Technical Assistance (TRTA) for supporting COVID-19 Active Response and Expenditure Support (CARES) program in Bangladesh, 2023
3. Mapping of Social Protection Programs in the Asia and Pacific (AP) Region, UNDP Regional HUB, Bangkok, 2022
4. Improving Allocation and Selection Efficiency of Social Protection Programmes in Bangladesh, 2022
5. Social Registry Based Targeting in Bangladesh, 2021
6. Developing a gender and shock responsive Social Protection System for Bangladesh following COVID-19 experiences, 2022.
7. Social Registry-based Targeting in Bangladesh, 2022.
8. Developing a gender and shock responsive Social Protection System for Saint Lucia, 2021.
9. Beneficiary targeting with social registry in Bangladesh, 2021.
10. Developing an Inclusive Social Protection System for Samoa, 2021.
11. Child Sensitive Social Protection and Demographic Dividend under the UNICEF Project Social Protection for children in changing Demographic, 2020
12. Macroeconomic Impacts of the Expanded Social Protection System in Uganda, 2019.
13. National Social Security Strategy for Bangladesh, 2015.
14. The Master Plan for the Vietnam Social Assistance System, 2015.
15. Support the preparation of the Mongolia Social Protection System, 2015.
16. National Social Security Strategy for the Kingdom of Lesotho, 2014.

## Reports and Publication on Social Protection

A list of reports and papers prepared by me are provided below.

Country	Description	Sponsoring Agency
Jordan	1. Economic and Poverty Impacts of the Inclusive Social Protection (ESP) programme in Jordan: a DCGE Modelling Approach	Development Pathways and Ministry of Finance, Uganda
South Asia	2. Chapter 4 on 'Social Protection Reforms in South Asia' in the Book 'South Asia's Path to Resilient Growth'.	International Monetary Fund
Saint Lucia	3. Assessment of COVID 19 impacts and develop a gender responsive social protection system for Saint Lucia.	UNDP, Barbados
Samoa	4. Assessment and Review of Social Protection Systems in Samoa, December 2020	UNDP, Samoa
	5. Review and Development of Social Protection Systems for Samoa	UNDP, Samoa
Bangladesh	6. Income security for all older people in Bangladesh during COVID-19 and beyond	HelpAge International

Country	Description	Sponsoring Agency
Uganda (2019/2020)	7. Economic and Poverty Impacts of the Expanding Social Protection (ESP) programme in Uganda: a DCGE Modelling Approach	Development Pathways and Ministry of Finance, Uganda
	8. Economic and Poverty Impacts of the ESP programme in Uganda Results from a SAM Modelling Approach	
	9. Updating and Reclassification of Uganda SAM 2017: Methodology and Key Results	
Mongolia (2015)	10. Options on rationalizing social welfare in Mongolia, Background paper series no: 01, Project: Updating of Social Protection Strategy of Mongolia	Ministry of Population Development and Social Protection and Asian Development Bank
	11. Relevance of social protection services delivery versus cash transfers including the implications on infrastructure, staffing, capacity development, supervision and budgets, Background paper series no: 03, Project: Updating of Social Protection Strategy of Mongolia	
	12. Role of the private sector, nongovernment organizations (NGOs), and community-based social protection support, Background paper series no: 06, Project: Updating of Social Protection Strategy of Mongolia	
Vietnam (2014 and 2015)	13. Vietnam Master Plan for Social Assistance Reform (MPSAR) Costing Implication and Financing Options	Ministry of Labour, Invalids and Social Affairs and UNDP
	14. Is there a trade-off between Social Assistance Spending and Investment in Viet Nam? Application of a SAM based Model	
	15. Social Assistance in Viet Nam: a review and proposals for reform; Co-authored with Stephen Kidd Tareq Abu-el-Haj, Carol Watson and Sharlene Ramkissoon	
Lesotho (2014)	16. Government of the Kingdom of Lesotho: National Social Protection Strategy with Nicholas Freeland	UNICEF and Ministry of Social Development
	17. Cost estimates of core life-course schemes proposed under Lesotho National Social Protection Strategy	
	18. Poverty impacts of core life-course programmes proposed under Lesotho National Social Protection Strategy: A micro simulation exercise	
Myanmar (2017)	19. Macroeconomic Impacts of Pension Reforms in Myanmar: A SAM Based Simulation Exercise	HelpAge International

Country	Description	Sponsoring Agency
The Philippines (2017)	20. Macroeconomic Impacts of Pension Reforms in Philippines: SAM Based Simulation Exercise	HelpAge International
Bangladesh 2025	21. Scaling up the Mother and Child Benefit Programme in Bangladesh: A Cost Benefit Assessment	World Food Programme
Bangladesh (2023)	22. Community Based Targeting and Selection Process: Results of Piloting, April 2023	Asian Development Bank and Ministry of Finance, Bangladesh
Bangladesh (2023)	23. Mapping of Social Protection Schemes in Cox's Bazar and their Implementation Modalities, with Specific Focus on Localization/Gaps, June 2023	UNICEF, Bangladesh
Bangladesh (2023)	24. Improving Allocation and Selection Efficiency of Social Protection Programmes in Bangladesh, April 2023	The World Bank
Bangladesh (2022)	25. A gender and shock responsive Social Protection System for Bangladesh following COVID-19 experiences, 2022.	Asian Development Bank and Ministry of Finance, Bangladesh
Bangladesh (2021)	26. Beneficiary Selection Methods Assessment	The World Bank
Bangladesh (2020)	27. Social Protection for Children in Changing Demographic	UNICEF and Bangladesh Planning Commission
Bangladesh (2020)	28. Demographic Diversity of Bangladesh: Emerging Trends and Policy Implications	UNICEF and Bangladesh Planning Commission
Bangladesh (2019)	29. Towards Child-Sensitive Social Protection in Bangladesh	Ministry of Women and Children Affairs, and UNICEF
Bangladesh (2019)	30. Implication of Changing Demographics and Effects on Social Protection in Bangladesh	UNDP and Planning Commission
Bangladesh (2019)	31. Cost-Benefit Ratio Study on Effects of Social Protection Cash Transfer	UNDP and Planning Commission
Bangladesh (2019)	32. Long-Term Effect of Livelihood Promotion Types of Social Security Programmes	UNDP and Planning Commission
Bangladesh (2015)	33. National Social Security Strategy of Bangladesh	Planning Commission and The Cabinet Division
Bangladesh (2013)	34. Poverty, Vulnerability and Inequality in Bangladesh, Background Paper No 01, Preparation of National Social Security Strategy for Bangladesh	UNDP and Planning Commission
Bangladesh (2013)	35. A Review of Bangladesh Social Protection System, Background Paper No 10, Preparation of National Social Security Strategy for Bangladesh, Co-authored with Ahsan Mansur	UNDP and Planning Commission
Bangladesh (2013)	36. Building a Social Protection System to Address the Demographic Challenges Faced by Bangladesh, Background Paper No 08, Preparation of National Social Security Strategy for Bangladesh, Co-authored with Stephen Kidd	UNDP and Planning Commission

Country	Description	Sponsoring Agency
Bangladesh (2013)	37. International Best Practice in Social Protection: implications for Bangladesh, Background Paper No 09, Preparation of National Social Security Strategy for Bangladesh, Co-authored with Stephen Kidd, and Nicholas Freeland	UNDP and Planning Commission
Bangladesh (2013)	38. Bangladesh Social Protection Policy and Reform Programme (SPPR), Co-authored with Stephen Kidd, Phillip White	DFID
Bangladesh (2013)	39. Scoping Report on Poverty and Social Protection in Bangladesh	DFAT/AUSAID
Bangladesh (2013)	40. Old Age Social Protection option for Bangladesh	HelpAge International
Bangladesh (2013)	41. Poverty Impacts of Expended Old Age Allowance Programme in Bangladesh: A Micro-Simulation Exercise, Social Science Review, Volume 30, Number 02, December 2013. Co-authored with Syed Saad Andilib.	HelpAge International

## L. Comprehensive Working Experience in MDGs and SDGs

### 1. *SDG Needs Assessment and Financing Strategy*

Core member of a team that developed the costing and financing tools using Bangladesh data to prepare the SDG needs assessment and financing strategies for the Bangladesh Planning Commission under the aegis of UNDP Bangladesh (March 2018)

### 2. *UNDP-MEF Training*

Led a team of 2 members to prepare training materials and imparted training to Ministry of Finance Officials in Cambodia on “Improving Economic Policy Modelling Capability for Inclusive and Sustainable Development in Cambodia” (March 2020 to August 2020)

### 3. *SDG Inclusive National Development Plan*

As a core member, I have been involved SDG inclusive medium-term development plan for Bangladesh Planning Commission “8<sup>th</sup> Five Year Plan FY 2021 to FY 2025: Accelerating Growth and Empowering Citizens” (January 2020 to June 2020)

### 4. *Generalized Macro Economic Framework (GMF) for MDG based National Development Plans*

Has worked as a member of a team to construct the Generalized Macro Economic Framework (GMF) to assist countries to implement the GMF incorporating need assessed cost estimates for preparing MDG based national development plans. Country rolls out: Mongolia. Assisted Ministry of Finance to prepare macro frame for 2006-2015 National development plan.



## M. Economic-Statistics

I have assisted various governments in improving their economic statistics, national accounts, and macro consistent data sets. Some of them include:

1. Prepared Training materials on National Accounts, Supply-use Table (SUT), Input-output tables (IOT), and Social Accounting Matrices (SAM) for Cambodia Ministry of Economy and Finance (MEF)
2. Imparted training to MEF officials
3. Prepared Training materials on National Accounts, Supply-use Table (SUT), Input-output tables (IOT), Social Accounting Matrices (SAM) and Tourism Satellite Account for Bangladesh Bureau of Statistics (BBS)
4. Imparted training to BBS officials
5. Developed Technical Framework for the Bangladesh Planning Commission for 8 Five Year Plan (8FYP), 7FYP and 6FYP.
6. Imparted training to Bangladesh Planning Commission Officials on Technical Framework
7. Provided technical inputs in the GDP revision and rebasing of Bangladesh

## N. Poverty and Inequality Analysis

I have been involved in the quantitative measurement and analysis of **(i)** FGT poverty measures (i.e. poverty headcount; poverty gap and poverty severity); and **(ii)** inequality measures (i.e. Gini Index; Lorenze Curve; Theil Index and Palma Ratio etc.) using micro level household income and expenditure surveys. In particular, I have conducted poverty measurements by regions (divisions); locations (national, rural, and urban); gender; life course (infant, child, working age, and old age etc.) and special condition (disability). Moreover, I have developed micro-simulation models (for Bangladesh, Lesotho, Cambodia, Vietnam, Uganda, and Kiribati) to assess the poverty impacts of various programme interventions aimed at the household and individual level.

## O. Comprehensive Working Experience in Poverty Impact Assessment (Macro-simulation)

I have developed **micro-simulation models** to assess the poverty impacts of various social policy interventions aimed at the household and individual level for:

- Bangladesh; Cambodia; Lesotho; Vietnam; Uganda; Samoa, and Kiribati

## P. Comprehensive Working Experience in Capacity Building

Developed training materials and imparted training to government officials in macro-economic modeling and micro-simulations. They include:

- Bangladesh; Cambodia; Vietnam and Uganda

## Q. Possess Rich Global and Regional Experience

I have had the opportunity to work in several countries of Asia and Africa which has allowed me to review, analyze data sets of various countries for policy analyses and prepare strategy documents. They include:

**Asia:** Bangladesh, Bhutan, Cambodia, India, Indonesia, Jordan, Mongolia, Nepal, Sri Lanka, Myanmar, the Philippines, Malaysia, Lao PDR, and Viet Nam

**Africa:** Morocco, Lesotho, Kenya, Seychelles, Uganda, Nigeria, and Cameroon

**Other:** UK, Canada, Georgia, Venezuela, Kiribati, Samoa, USA, Jamaica, Grenada, Guyana, Saint Lucia, and the Netherlands

## **R. Working Experiences with Government, NGOs and Development Partners**

I acquired in-depth experience while working with various governments, development partners and NGOs/CSOs.

**Government:** Bangladesh – Ministry of Planning, Ministry of Finance, Cabinet Division, and Ministry of Women and Children Affairs. Cambodia – Ministry of Finance and Ministry of Commerce. Vietnam – Ministry of Labour, Invalids and Social Affairs. Mongolia – Ministry of Population Development and Social Protection (MPDSP). Uganda – Ministry of Finance, Planning and Economic Development (MFPED) and the Ministry of Gender, Labour and Social Development (MGLSD). Morocco – Ministry of Finance. Lesotho – Ministry of Gender, Youth, Sport and Recreation. Seychelles – Ministry of Family Affairs. Venezuela – Central Bank.

**Developmental Partners:** UNDP – Bangladesh, Vietnam, and Cambodia; Bangkok (BRH); UNICEF – Bangladesh, and Lesotho; ILO – Bangladesh, and Indonesia; Asian Development Bank – Bangladesh and Mongolia; The World Bank; International Finance Corporation (IFC); IDRC, Canada; International Monetary Fund (IMF), IOM; UNWOMEN; Commonwealth Secretariat, UK; DFID; and DFAT.

**NGOs/CSOs:** HelpAge International, UK; Development Pathways, UK; CUTS International; BRAC; C&A Foundation; Porticus; and Bill and Melinda Gates Foundation.

## **S. References**

### **Dr. Ivan Gonzalez de Alba**

Country Economist

UNDP, Cambodia

Email: [ivan.gonzalezdealba@undp.org](mailto:ivan.gonzalezdealba@undp.org)

### **Dr. Richard Marshall**

Economist

United Nations (UN), Malaysia, Singapore and Brunei

Email: [richard.marshall@un.org](mailto:richard.marshall@un.org)

### **MD. Shafiqul Islam**

Chief, Social Policy

UNICEF, Indonesia

Tel: +62 812 1071 2343

Email: [mdsislam@unicef.org](mailto:mdsislam@unicef.org)

**Ms. Isiuwa Iyahan**

Deputy Representative

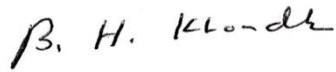
[UN Women Multi Country Office - Caribbean](#)

UN House, Marine Gardens

Hastings, Christ Church, Barbados

Tel: +1 246 467 6000 Ext 6134

Email: [isiuwa.iyahan@unwomen.org](mailto:isiuwa.iyahan@unwomen.org)

A handwritten signature in black ink, appearing to read 'B. H. Khondker'.

**Bazlul Haque Khondker, PhD**