The impact of natural disaster on income and poverty: framework and some evidence from Philippine households

This article will be featured in the January issue of the CBMS Newsletter – find it here

Although understanding the impact of natural disasters on income and poverty at the household level is important for disaster prone and poverty-stricken countries, empirical work on the subject has been limited to far. A major reason behind this is that standard national household surveys generally do not include the collection of data and information on natural disasters. In the Philippines, however, the Community-Based Monitoring System (CBMS) Household Profile Survey has started to include such data amongst those that it collects and monitors. This has enabled CBMS local researchers to produce a framework for analyzing the impact of natural disasters on household income and poverty, as well as to provide an empirical estimation of the actual effects of such disasters on household income using 2011 CBMS data for Pasay City, Metro Manila. The resulting information on specific losses of household incomes due to natural disasters is meant to assist practitioners in the fulfillment of the PEP mission.

As part of the PEP-UNDP Poverty and Social Impact Analysis (PSIA) initiative, this study sought to assess the effectiveness and progressivity of Uganda’s universal Primary Education (UPE) program since it was first introduced in 1997, by examining factors driving primary school attendance, grade delay and drop out trends for children in the ages of 4 and 15, over the last two decades. The research findings reveal that primary school attendance has been progressive over time and, in recent years, pre-pro, in the sense that the poorest people have been hit by major beneficiaries. However, both demand and supply-side factors affecting the provision and use of primary education still stand in the way of achieving optimal and equitable participation from UPE. Find out more about the researchers’ findings and ensuing policy recommendations through the following PEP working paper.

At the onset of 2014, the PEP team sends to all the network’s members and friends its warmest greetings and best wishes for the coming year. We also take this opportunity to thank you for your continued interest and participation in the fulfillment of the PEP mission.

As part of the PEP-UNDP Poverty and Social Impact Analysis (PSIA) initiative, this study set out to analyze the socioeconomic impact of increased trade liberalization between Armenia and the EU within the framework of Eastern Partnership initiative. In addition to a quantitative assessment of the potential impact of trade liberalization on the economic situation and poverty in Armenia, the study involves evaluations of existing foreign trade regimes and regulatory systems. Results of the analysis reveal that a single-free trade agreement or tariff liberalization will not result in significant socioeconomic benefits for Armenia. The researchers conclude that immediate priority, in terms of policymaking, should move away from trade liberalization and towards industrial development. Find out more through the following PEP working paper

In Western China, and particularly in the poverty- and drought-stricken countryside of the region, women have been left as the main workforce, whilst the male labourers have flock to cities as a result of China’s social transformation. A project called “Land of Love, Water Cellar for mothers” was launched and implemented in Sichuan, Yunnan and Tibet, in order to address the comparatively serious water scarcity in these areas. In this study, a group of local PEP-supported researchers aim to assess the impacts of this water cellar project on the welfare of the affected populations. Two waves of a household survey: one prior to installation of one of a water storage facility, or “water cellars”, and a second wave after installation, to assess not only the effects on poverty, but also the transactional channels. The results show that these effects include not only the increase of household incomes, but also significant increases in women’s labour supply. Find out more through the following PEP working paper.

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Policy findings

Every month, PEP publishes the findings and outcomes of projects that were selected and supported through previous calls for proposals. These projects address a wide range of policy and welfare issues in various countries. A few examples are provided below, but more can be found here: Recent policy findings from PEP researchers in developing countries

Uganda

PSIA - Universal Primary Education in Uganda: Equities of opportunities and human capital investment

Research team: Sebastian Levine | James Mwungo | Joseph Enyin | Juliet Naasat Sekand | Maximus Ochse

Authors: Danilo C. Israel | Roseline R. Bonifacio

Armenia

EU-Armenia trade liberalization: A “Poverty and Social Impact Analysis” (PSIA)

Research team: Armen Grigorian | Karen Harutyunyan | Mushegh Tumasyan

China

The impacts of “Land of Love, Water Cellar for Mothers” in Western China

Research team: Lexque Lin | Gui Zhao | Jian Tao | Guoping He | Xing Yu

CBMS-Philippines

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Research team: Quansheng Yu | di Zhao

Authors: Danilo C. Israel | Roseline R. Bonifacio

政策建议

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乌干达

PSIA - 在乌干达实现普及性的初等教育：机会、人权和资本投资

研究团队：塞巴斯蒂安·莱文 | 詹姆斯·姆温戈 | 约瑟夫·恩伊 | 贾丽特·纳萨特·塞肯德 | 马克西姆斯·奥赫

作者：丹尼洛·以色列 | 罗丝琳·博尼法西奥

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研究团队：阿门·格里戈里安 | 凯伦·哈鲁廷扬 | 茹施格·图马西扬

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CBMS-菲律宾

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Forthcoming PEP schools and training workshops

<table>
<thead>
<tr>
<th>Location</th>
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<td>Dakar, Senegal</td>
<td>June 9-20</td>
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**Conferences**

January 28-30, 2014 – Dakar, Senegal

PEP selected by IDRC to host an international conference on Youth Employment in Sub-Saharan Africa (YESSA). The PEP African Office/Team, based in Dakar (Senegal), was selected amongst several contending institutions by the International Development Research Centre (IDRC), to host the upcoming international conference on Youth and Employment in Sub-Saharan Africa (YESSA) at the end of January 2014. Find out more about this upcoming event...

March 24-26, 2014 – Manila, Philippines

10th CBMS Philippines National Conference

The annual event is a gathering of key officials and representatives of national government agencies, local government units, non-government organizations and development partner agencies, to discuss recent developments on the implementation and uses of the community-based monitoring systems (CBMS) in the Philippines. This year’s conference, in particular, will engage discussions related to the use of CBMS for budgeting, disaster risk reduction and management, local governance, vulnerability mapping, program design/targeting and impact monitoring, among others. Find out more about this event...

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These are the most recent publications of PEP researchers (based on PEP-supported projects) in peer-reviewed journals.

<table>
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Find all new papers published by PEP since the last issue of the PEP-talk in November 2013

**PEP schools and training workshops**

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